

CHARTER TOWNSHIP OF
YPSILANTI BOARD OF TRUSTEES

Supervisor

BRENDA L. STUMBO

Clerk

KAREN LOVEJOY ROE

Treasurer

LARRY J. DOE

Trustees

STAN ELDRIDGE

HEATHER JARRELL ROE

MONICA ROSS WILLIAMS

JIMMIE WILSON, JR.

July 16, 2019

Work Session – 6:00 p.m.

Regular Meeting – 7:00 p.m.

**Ypsilanti Township Civic Center
7200 S. Huron River Drive
Ypsilanti, MI 48197**

DEPARTMENTAL REPORTS

**14-B District Court
Revenue Report For April 2019**

<i>General Account</i>	<i>Account No.</i>	<i>Amount</i>	<i>Subtotal/Total</i>
Due to Washtenaw County		\$ 2,981.69	
Subtotal Due to Washtenaw County	236-000-000-214.222		\$ 2,981.69
Due to State Treasurer			
Secretary of State	228.30	\$ 1,800.00	
Civil Filing Fee Fund	228.58	\$ 15,575.00	
State Court Fund	228.42	\$ 1,860.00	
Justice System Fund	228.59	\$ 22,073.70	
Civil Jury Demand Fee	228.57		
Drivers License Clearance Fees	228.57	\$ 1,800.00	
Crime Victims Rights Fund	228.37	\$ 4,789.80	
Expense State Police	228.47	\$ -	
Expense DNR	228.48		
Judgment Fee DNR	228.20	\$ 10.00	
Children's Trust Fund	228.38	\$ -	
E-File Fee	228.56	\$ 4,270.00	
Subtotal Due to State Treasurer	236-000-000-228.001		\$ 52,178.50
TOTAL DUE TO COUNTY AND STATE			\$ 55,160.19

Due to Ypsilanti Township			
Court Costs	602.136	\$ 39,876.61	
Civil Fees	603.126	\$ 13,780.00	
Probation Fees	604.000	\$ 7,894.00	
Ordinance Fees	605.001	\$ 52,688.31	
Bond Forfeitures	605.003	\$ 1,100.00	
Expense Write-off	957-000	\$ -	
Bank Charges	957-000	\$ (1,281.37)	
Subtotal Due to Township			\$ 114,057.55
TOTAL TO GENERAL ACCOUNT	236-000-000-004.136		\$ 169,217.74

<i>ESCROW ACCOUNT</i>	<i>Account No.</i>	<i>Amount</i>	<i>Subtotal/Total</i>
Court Ordered Escrow		\$ 117.00	
Bonds		\$ 17,575.00	
Restitution		\$ 4,096.86	
TOTAL TO ESCROW ACCOUNT	236-000-000-006.136		\$ 21,788.86

Total to General and Escrow Accounts			\$ 191,006.60
Total of Transmittal Report - Funds Collected		\$ 192,287.97	
Difference Due to and Collected - Should be Bank Charges			\$ (1,281.37)

14-B District Court

Monthly Disbursements

April 2019

Revenue received as a Fine for violation of a State Statute is disbursed to the Washtenaw County Treasurer, for library purposes.

Revenue received as a Fine for violation of a Township Ordinance and all Court Costs are disbursed to the Ypsilanti Township Treasurer. Local revenue also includes Probation oversight fees and Bond Forfeitures.

Revenue received as State Filing Fee, State Court Fund, Justice System Fund, Juror Compensation, Crime Victims Rights Fund and Dept. of Natural Resources Judgment Fee is forwarded to the State Treasurer.

Money received as Garnishment Proceeds, Criminal Bonds, Restitution, and Court Ordered Escrow are deposited in the Escrow Account of the Court.

All other revenues are transferred to the Ypsilanti Township Treasurer.

April 2019 Disbursements:

Washtenaw County:	\$ 2,981.69
State of Michigan:	\$ 52,178.50
Ypsilanti Township Treasurer:	\$114,057.55

TOTAL: \$ 169,217.74

**14-B District Court
Revenue Report For May 2019**

<i>General Account</i>	<i>Account No.</i>	<i>Amount</i>	<i>Subtotal/Total</i>
Due to Washtenaw County		\$ 3,761.99	
Subtotal Due to Washtenaw County	236-000-000-214.222		\$ 3,761.99
Due to State Treasurer			
Secretary of State	228.30	\$ 1,856.40	
Civil Filing Fee Fund	228.58	\$ 20,447.00	
State Court Fund	228.42	\$ 1,500.00	
Justice System Fund	228.59	\$ 22,722.00	
Civil Jury Demand Fee	228.57	\$ 10.00	
Drivers License Clearance Fees	228.57	\$ 1,845.00	
Crime Victims Rights Fund	228.37	\$ 6,238.80	
Expense State Police	228.47	\$ -	
Expense DNR	228.48		
Judgment Fee DNR	228.20	\$ 20.00	
Children's Trust Fund	228.38	\$ -	
E-File Fee	228.56	\$ 6,040.00	
Subtotal Due to State Treasurer	236-000-000-228.001		\$ 60,679.20
TOTAL DUE TO COUNTY AND STATE			\$ 64,441.19
Due to Ypsilanti Township			
Court Costs	602.136	\$ 40,937.49	
Civil Fees	603.126	\$ 15,898.00	
Probation Fees	604.000	\$ 8,473.20	
Ordinance Fees	605.001	\$ 48,337.09	
Bond Forfeitures	605.003	\$ 500.00	
Expense Write-off	957-000	\$ -	
Bank Charges	957-000	\$ (622.79)	
Subtotal Due to Township			\$ 113,522.99
TOTAL TO GENERAL ACCOUNT	236-000-000-004.136		\$ 177,964.18
ESCROW ACCOUNT	Account No.	Amount	Subtotal/Total
Court Ordered Escrow		\$ 1,258.00	
Bonds		\$ 69,861.00	
Restitution		\$ 2,716.98	
TOTAL TO ESCROW ACCOUNT	236-000-000-006.136		\$ 73,835.98
Total to General and Escrow Accounts			\$ 251,800.16
Total of Transmittal Report - Funds Collected		\$ 252,422.95	
Difference Due to and Collected - Should be Bank Charges			\$ (622.79)

14-B District Court

Monthly Disbursements

May 2019

Revenue received as a Fine for violation of a State Statute is disbursed to the Washtenaw County Treasurer, for library purposes.

Revenue received as a Fine for violation of a Township Ordinance and all Court Costs are disbursed to the Ypsilanti Township Treasurer. Local revenue also includes Probation oversight fees and Bond Forfeitures.

Revenue received as State Filing Fee, State Court Fund, Justice System Fund, Juror Compensation, Crime Victims Rights Fund and Dept. of Natural Resources Judgment Fee is forwarded to the State Treasurer.

Money received as Garnishment Proceeds, Criminal Bonds, Restitution, and Court Ordered Escrow are deposited in the Escrow Account of the Court.

All other revenues are transferred to the Ypsilanti Township Treasurer.

May 2019 Disbursements:

Washtenaw County:	\$ 3761.99
State of Michigan:	\$ 60,679.20
Ypsilanti Township Treasurer:	\$113,522.99

TOTAL: \$ 177,964.18

CHARTER TOWNSHIP OF YPSILANTI

OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement • Police Services

To: Board of Trustees

From: Michael Radzik, Community Standards Director
Dave Bellers, Chief Building Official
Charlotte Wilson, Planning & Development Coordinator
Nancy Wrybkowski, Executive Coordinator

Re: **OFFICE OF COMMUNITY STANDARDS ACTIVITY REPORT
MAY & JUNE 2019**

Date: July 3, 2019



Enclosed are reports for the following areas of activity within the Office of Community Standards for the period April 1, 2019 thru April 30, 2019. During this time period staff members completed a total of **6,947 field inspections**.

1. PLANNING & DEVELOPMENT DEPARTMENT PROJECTS
2. ACTIVE LAWSUITS & OTHER MISCELLANEOUS PROJECTS
3. BUILDING DEPARTMENT PERMITS ISSUED
4. BUILDING CERTIFICATES OF OCCUPANCY ISSUED
5. NEW RENTAL HOUSING CERTIFICATIONS
6. NEW VACANT STRUCTURE CERTIFICATIONS
7. NEW OTHER ORDINANCE CERTIFICATIONS
8. NEW CODE ENFORCEMENT CASES

CHARTER TOWNSHIP OF YPSILANTI

OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement

Date: July 2, 2019

From: Charlotte Wilson, AICP
Planning and Development Coordinator

Re: **Planning Division (OCS) Updates May and June 2019**

Please be advised of the following activities related to the Planning Department for May and June 2019.

Plans in Process

Majestic Lakes

Majestic Ponds: This development includes 37 single family detached units on 50-foot wide lots located adjacent to Textile Road. Majestic Ponds is located next to The Ponds at Lakewood which includes sixteen (16) attached multiple-family units that have already been constructed. PD Stage II plans were approved at the November 22, 2017 by the Township Board. Floor plans and elevations will come back to the Township Board for approval prior to issuance of building permits and construction for those phases. The Planning Department is reviewing elevations and legal counsel is reviewing additional legal documents. Final approval will come before the Board of Trustees on May 21, 2019. The pre-construction meeting took place on February 22, 2019.

The Ponds at Lakewood: Approved and constructed development of sixteen (16) attached multiple-family units located adjacent to Textile Road.

Nautica Pointe: Approved and under construction development of 142 multiple-family units located adjacent to Tuttle Hill Road.

Village at Majestic Lakes: This development includes 115 single family detached units on 60-foot wide lots located adjacent to Tuttle Hill Road. PD Stage II plans and elevations/floor plans were approved at the November 22, 2017 by the Township Board. Legal counsel is reviewing additional legal documents. Final approval will come before the Board of Trustees on May 21, 2019. The pre-construction meeting for the east portion took place on February 22, 2019.

Majestic Lakes Estates: This development includes 81 single family detached units on 50-foot wide lots accessed through the Village of Majestic Lakes. PD Stage II plans were approved at the November 22, 2017 by the Township Board. Floor plans and elevations will come back to the Township Board for approval prior to issuance of building permits and construction for those phases. The Planning Department is reviewing elevations and legal counsel is reviewing additional legal documents. Final approval will come before the Board of Trustees on May 21, 2019. The pre-construction meeting took place on February 22, 2019.

Lakewood Estates: Approved and under construction development of 62 single family detached units accessed through the Village of Majestic Lakes.



Earth Balancing and Excavation at Creekside Village North - 6601 Tuttle Hill Road: We received an application to move, and then grade, approximately 10,000 cubic yards of fill material from trench and basement excavations at Lombardo projects Majestic Lakes Estates (Charter Township of Ypsilanti), The Village at Majestic Lakes (Charter Township of Ypsilanti), The Ponds at Majestic Lakes (Charter Township of Ypsilanti), and Arbor Ridge (Charter Township of Pittsfield) to the northeast corner of the Creekside Village North development. The permit was approved with conditions at the May 28, 2019 Planning Commission meeting.

Yankee Air Museum (YAM) – 1 Liberator Way: The Yankee Air Museum proposes renovation of the existing historic Willow Run bomber plant with a building addition including a conference center. The Planning Commission recommended approval with conditions of the revised PD Stage I plans at the May 28, 2019 meeting. The Township will consider the revised plans at the July 2, 2019 special meeting.

American Center for Mobility (ACM) – 2930 Ecorse Road: Located on the site of the historic Willow Run property, the American Center for Mobility is a testing, research and certification center for the next generation of automated vehicles. With features like double overpasses, railroad crossings, highway loops, and a tunnel, the site provides a cost-effective way to replicate real-world situations in a single location. The estimated investment into the community has been stated at over \$120 million. An additional final site plan amendment is expected for the Technology Park. Phase 1A of this project has final site plan approval. The Amendment for Phase 1A Campus Build-Out preliminary site plan was approved conditionally at Planning Commission on March 13, 2018. The final site plan was approved at the May 10, 2018 special Planning Commission meeting. The pre-construction meeting took place on May 15, 2018.

Restaurant Depot – 1347 James L. Hart Parkway: This project is a 51,234 square foot wholesale distribution building on an 11.416 acre parcel. Over 100 Restaurant Depots operate in 28 states, selling groceries, supplies and equipment to the food service industry. The facility's primary customers are restaurants, delis, caterers, pizza shops and not-for-profit institutions. The project was approved by Planning Commission on December 12, 2017. The project received administrative final site plan approval on March 21, 2018. The pre-construction meeting took place on April 3, 2018. The Certificate of Occupancy was issued and the project is closing out.

Cell Tower - 6400 Textile: Cell tower was approved by the Township Board on March 6, 2018. Final site plan was approved on April 30, 2018. Construction started on June 18, 2018. As of August 15, 2018, all grading and aggregate surface placement was complete, however, placement of topsoil and restoration remained to be completed.

Kalitta Turbines Addition – 2850 Tyler: Kalitta Turbines has been in the business of maintaining, servicing, and repairing TFE731, CJ610, and CF700 engines since 1986. They are proposing to demolish approximately 38,000 square feet of the current building and add a 48,000 square foot addition. The new building portion will be approximately 10,000 square feet. The expansion will accommodate an additional engine model line. There will be a total of 42 employees on site after this project is completed (currently 32 employees with the proposed 10 new employees). There is only one (1) working shift. There are currently retired airplanes stored outside; however, the applicant stated that the planes are to be removed from the site and scrapped. No outdoor storage is proposed for when the site is finished. The site is zoned I-C, Industrial Commercial. The first preliminary site plan is under review.

Meade Dental Office – 2780 Packard: The Meade Dental Office is a proposed 7,095 square foot dental office building at 2780 Packard Road. The project received final site plan approval on May 2, 2018. The first pre-construction meeting took place on June 11, 2018. Due to a change in contractors, a second pre-construction meeting was held on July 23, 2018. The project is nearing completion. The applicant plans on submitting the record drawings and grading certificate mid-July.

Huron Valley PACE – 2940 Ellsworth: UMRC Huron Valley proposed to expand their 23,700 square foot existing facility at 2960 Ellsworth Road by an additional 23,400 square feet. In addition, the applicant proposed to expand the parking lot, expand the drop off area, and make other general site improvements. The parking lot expansion includes construction of an additional 57 spaces, and additional 33 "landbanked" parking on the site plan. They have triggered the landbanked deferred parking due to leadership changes, employment, and expansion and will be constructing this section at this time. Senior adults are picked up by PACE transportation and driven to the facility for social, wellness, and medical care services. There are no overnight accommodations at the facility. The current facility accommodates 127 clients and 57 full time employees. With the addition, the facility will serve 156 clients and staff 98 full time employees. The temporary Certificate of Occupancy was issued. Landscaping and minor engineering is to be completed spring 2019.

Round Haus Party Shoppe – 5970 Bridge Road: An application has been submitted for the demolition of the existing convenience store, which is 3,290 square feet in floor area, and the construction of a new 6,000 square foot retail building along with a 4 pump island fuel station on the parcels located at 5970 Bridge Road and 10191 Textile Road. The proposed construction would take place on what are now two separate parcels, which would be combined to form one 0.83-acre parcel. A preliminary site plan and a special conditional use permit for this project were approved with conditions by the Planning Commission on June 28, 2016. Subsequently, two

dimensional variances were approved with conditions by the Zoning Board of Appeals on July 20, 2016. The special conditional use permit and variances are still valid since these approvals run with the land. The preliminary site plan approval expired since construction did not commence within one year of approval. The preliminary site plan was approved with conditions at the May 28, 2019 Planning Commission meeting.

Sunco Quick Oil Lube - 2380 East Michigan Avenue: On May 3, 2018 we met with the applicant and MDOT to discuss options for the driveway cut issue. At this time, there are a couple options of plan revisions and attempts to make contact with the neighbor at 2340 East Michigan Avenue. We await the fourth preliminary site plan revision to be submitted.

Hampton Inn and Suites – 515 James L Hart Parkway: The proposed project includes an 88-room, 4-story, 54-foot tall Hampton Inn hotel. The site is currently vacant, and directly west of the strip mall that includes the Leo Coney Island, Jets Pizza, and Powerhouse Gym. This item was approved conditionally at the August 28, 2018 Planning Commission meeting. Detailed engineering plans and final site plan were approved. The pre-construction meeting occurred on April 2, 2019 and construction is underway.

Electric Vehicle Charging Station – 2321 Ellsworth Road: The proposed project includes the installation of six (6) electronic vehicle charging stations and accessory equipment within the Roundtree Shopping Center parking lot. This item was approved conditionally at the November 13, 2018 Planning Commission meeting. The pre-construction meeting occurred on January 22, 2019. The project is completed.

R&L Carriers – 43 Emerick Street: R&L Carriers propose an expansion to the existing facility. The total building expansion is approximately an additional 56,820 square feet. The majority of the expansion is a 45,900 square foot addition to the existing easternmost building. The addition requires the relocation and additional stormwater detention facility which will be located on eastern-most parcel, which is currently zoned RM-2, Multiple Family Residential. The applicant is seeking a conditional rezoning to rezone that parcel from RM-2, Multiple Family Residential to I-1, Light Industrial. In total the site is three parcels that will need to be combined. The parcel that is currently zoned RM-2, which the applicant seeks a rezoning, will not include any buildings. Rather it will be used for a detention basin, and a small part as a temporary construction area. The third preliminary site plan is under review.

Wayne County Airport Authority – 830 Willow Run Airport Road: The Willow Run Airport is constructing a 6,000 square foot administrative facility and an associated parking area, within the southwest portion of the existing Willow Run Airport site. The Wayne County Airport Authority states the intent of the proposed building is to support airport operations. The project requires administrative review.

Chippewa Tennis Club – 2525 Golfside Road: The applicant proposed to expand the existing indoor tennis court facility at Chippewa Club by adding a 61' x 120' addition. The addition will house one (1) indoor clay tennis court. Chippewa club is considered both a "health club" and "indoor commercial recreational use" both of which require a special use in the B-2 District. The Chippewa Club was originally approved in 1977. At the time of approval, the use was not required to obtain a special use permit. Chippewa Club has never obtained a special use and is considered a legal non-conforming use. In order to bring them into zoning compliance and approve an addition to a special use, a special use for the entire property must be granted. The project requires full site plan review.

Plans in Process

Ypsilanti Township 2040: The Planning Commission will review the draft of the Master Plan from Carlisle/Wortman Associates at the July 23, 2019 meeting.

Conditional Rezoning zoning code text amendment: The Board had the first reading on May 7, 2019. The second reading occurred on May 21, 2019. The new zoning code language will address more detailed policies and procedures regarding conditional rezonings.

Ecorse Road zoning code text amendment: The Planning Commission recommended approval to the Township Board regarding the new zoning code language to match the 2018 Placemaking Plan recommendations on April 23, 2019. The Board had the first reading on May 21, 2019. The second reading will occur on July 16, 2019. The new zoning language, once implemented, is also a condition for establishing a CIA (Corridor Improvement Authority) which may aid funding for corridor streetscape and business cohesion.

Woodlands Ordinance review: The Woodlands Ordinance is currently under review. An update to the Township Woodland Protection Ordinance, Chapter 24, Article III would help redevelopment on smaller parcels and better protect the woodlands in the Township.

If you should have any question or comments as it relates to this report, please contact us at 734-544-3651 or by email at cwilson@ytown.org.

CHARTER TOWNSHIP OF YPSILANTI
OFFICE OF COMMUNITY STANDARDS
ACTIVE LAWSUITS & OTHER MISCELLANEOUS PROJECTS

Date: July 3, 2019

Staff and legal counsel are actively engaged in working to resolve the following authorized lawsuits in Washtenaw County Circuit Court:

St#	Dir	Address	Defendant	Nature of Case	Status
1754	E	Michigan Avenue	Martha Jo & Charlie Chatfield	Multiple zoning, fire and building code violations, further inspections pending	AUTHORIZED AND FILED
2734		Peachcrest	Oscar Eden	Vacant-PM-Blight	AUTHORIZED AND FILED
1005		Emerick	GV, LLC (Robert Hull)	Gault Village shopping center	AUTHORIZED AND FILED
2850		Appleridge	Estate of Emma Robertson	Public Nuisance	AUTHORIZED AND FILED
1196		Lester	Judy Pontius	Public Nuisance	AUTHORIZED AND FILED
1635		Wismer	Living Trust Nancy J. Sturgill	Public Nuisance	AUTHORIZED AND FILED
618		Bagley	Artur Starobiivsky	Public Nuisance	AUTHORIZED AND FILED

2355		Wiard	D&G Auto Salvage	Public Nuisance	AUTHORIZED AND FILED
924-940		Minion	Olympia Sales Co, Crown Tumbling, Cobb Express	Zoning/Woodland Protection/Soil Erosion	AUTHORIZED AND FILED
1405		Ecorse	Elks Club	Public Nuisance	AUTHORIZED AND FILED
1241		Rambling	Beverly Finkbeiner (Deutsch Bank Nat'l Trust 04/18/18)	Public Nuisance	AUTHORIZED AND FILED
2124		Bomber	Peter Burgard	Public Nuisance	AUTHORIZED AND FILED
1478		Desoto	Sharon D. Jones	Public Nuisance	AUTHORIZED AND FILED
750		Calder	Sheila Mae Ellis	Padlock	AUTHORIZED AND FILED
167	N	Ford Blvd	Azmin Clark	Public Nuisance	AUTHORIZED AND FILED
601		Dons Drive	SIMON GHERGHEL	Public Nuisance	AUTHORIZED AND FILED
1375	N	Prospect	Nellie Fridge	Fire	AUTHORIZED AND FILED

7586		Warwick	ASR Property, LLC	Drug Padlock	AUTHORIZED AND FILED
1503		E. Michigan	Malek& Jenias Mohammed-KH Hamami	Public Nuisance	Authorized
359		Oregon	Charles Horn	Public Nuisance	AUTHORIZED AND FILED
1392		Holmes Rd	Great Arbor Properties, Inc.	Drug Padlock	AUTHORIZED AND FILED
1032		Grove Rd	Gerald McMahon	Ford Lake earth work	AUTHORIZED AND FILED
2545		Coolidge	Donna Cole	Public Nuisance	AUTHORIZED AND FILED
9822		Woodland Ct	Glada Asset Management, LLC	Public Nuisance	AUTHORIZED AND FILED
1580	S	Harris	Robby & Kristi Wilton	Public Nuisance	AUTHORIZED AND FILED
670		Onandaga	Greater Faith Church	Public Nuisance	Authorized
363		Oregon	PNC Bank	Public Nuisance	AUTHORIZED AND FILED
2259		Valley Drive	Dieter, Cornelius, Lakeview Loan Servicing	Public Nuisance	AUTHORIZED AND FILED

677		Onandaga	The Bank of New York Mellon	Public Nuisance	AUTHORIZED AND FILED
1114		Hunter	Barbara Chiweshe	Public Nuisance	AUTHORIZED AND FILED
6934		Poplar Drive	Zachary Clipper, SR. et al	Padlock	AUTHORIZED AND FILED
1474		Ecorse	Hallak Ypsi, LLC	Public Nuisance	AUTHORIZED AND FILED
5900		Bridge #408	Lake Pointe Trafalgar Limited Partnership	Padlock	AUTHORIZED AND FILED
418		Villa Dr	Arbor One 18, LLC	Padlock	AUTHORIZED AND FILED
1594		Andrea	Estate of Larry Davis Jr.	Public Nuisance	AUTHORIZED AND FILED
1499		Grove Rd	Pam Fletcher	Public Nuisance	AUTHORIZED AND FILED
2358		Ravinewood	Pauline Egbuogu	Public Nuisance	AUTHORIZED AND FILED
5940		Ellis Rd	Mark Peters	Public Nuisance	Pending authorization
2830	E	Michigan Avenue	Nanak Real Estate, LLC	Zoning	Authorized/pending

582		Onandaga	JPMorgan Chase	Public Nuisance	AUTHORIZED AND FILED
1395		Ecorse	Houbeij	Public Nuisance	AUTHORIZED AND FILED

Staff are actively engaged with property owners to resolve the following building fire repair projects:

St #	Dir	Address	Responsible Party	Nature of Case	Initial Date	Escrow Funds?	Demo or Repair?	Permit Issued?
610		Woodlawn	Paul Johnson	Fire	10/10/2017	\$12,262	Repair	yes
777		Dodge Ct	Unfolding Chaos LLC	Fire	2/10/2019	\$12,746	Repair	yes

Demolition Projects: None.

Traffic Calming Devices Projects: OCS staff are engaged with the Washtenaw County Road Commission and community residents to verify petition signatures seeking to install speed humps on the following neighborhood streets:

- Kewanee between Washtenaw and Packard

Law Enforcement Center

- Working with OHM to review bids to replace the standby power generator

Community Safety Camera System

- Working with consultants and the clerk's office to install new camera sites
 - Ponds at Majestic Lakes/Lakewood Ponds
 - Village at Majestic Lakes/Majestic Lakes Estates/Lakewood Estates
 - Nautica Pointe/Redwood
 - The Cliffs (consortium of 5 condominium associations on Grove Rd)
- Working with consultants and the clerk's office to correct deficient equipment at the following existing neighborhoods:

- Thurston
 - Parkwood/Airport Industrial camera relocation due to MDOT construction (waiting for replacement of defective camera)

Liquor Ordinance review & evaluation

- Working with legal counsel to review and evaluate the current liquor ordinance to align with recent changes in state law.

**BUILDING DEPARTMENT PERMIT ACTIVITY
MAY & JUNE 2019**

NOTE: Construction value data is only collected for building permits (excludes trade permits)

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Bike Path	Bike Path	05/02/2019	PBP19-0015	9181 WHITE TAIL CT	
Bike Path	Bike Path	06/07/2019	PBP19-0016	5635 MUNGER RD	
Bike Path	Bike Path	06/12/2019	PBP19-0019	9145 WHITE TAIL CT	
Bike Path	Bike Path	06/12/2019	PBP19-0020	9070 WHITE TAIL CT	
Bike Path	Bike Path	06/27/2019	PBP19-0021	9073 WHITE TAIL CT	
Bike Path	Bike Path	06/28/2019	PBP19-0024	8876 NATALIE CT	
Building	Building	06/07/2019	PB19-0491	8225 BLUE JAY DR	\$12,702.00
Building	Building	06/24/2019	PB19-0560	1250 E MICHIGAN AVE	\$0.00
Building	Building	06/24/2019	PB19-0561	7646 CARLTON DR	\$0.00
Building	Building	06/26/2019	PB19-0593	6568 W SUMMERDALE CIR	\$0.00
Building	Building	06/28/2019	PB19-0566	6859 PLAINVIEW ST	\$0.00
Building	Cell Tower Co-Locate	06/11/2019	PB19-0477	2575 STATE ST	\$15,000.00
Building	Cell Tower Co-Locate	06/13/2019	PB19-0461	940 MINION ST	\$10,000.00
Building	Com Alter/Repair	05/02/2019	PB19-0284	3020 E MICHIGAN AVE	\$402,292.00
Building	Com Alter/Repair	05/23/2019	PB19-0429	214 S HEWITT RD OFFICE	\$0.00
Building	Com Alter/Repair	05/24/2019	PB19-0130	3020 WASHTENAW RD	\$495,000.00
Building	Com Alter/Repair	06/10/2019	PB19-0479	2653 ELLSWORTH UNIT E	\$0.00
Building	Com Roof	06/19/2019	PB19-0533	950 N RIVER ST	\$21,280.00
Building	Com Roof	06/24/2019	PB19-0567	1410 E MICHIGAN AVE	\$89,800.00
Building	Com Temp Tent	05/16/2019	PB19-0387	2010 WHITTAKER (PARKING LOT) RE	\$0.00
Building	Com Temp Tent	05/24/2019	PB19-0409	6450 TEXTILE RD	\$0.00
Building	Com Temp Tent	06/04/2019	PB19-0405	2399 ELLSWORTH	\$0.00
Building	Com Temp Tent	06/27/2019	PB19-0514	5970 BRIDGE RD	\$0.00
Building	Construction/Sales Trailer	05/09/2019	PB19-0376	515 JAMES L HART PKWY	\$0.00
Building	Demolish Structure	05/10/2019	PB19-0379	649 CAMPBELL AVE	\$500.00
Building	Demolish Structure	05/10/2019	PB19-0384	3226 GROVE RD	\$2,000.00
Building	Demolish Structure	05/31/2019	PB19-0464	2180 HOLMES RD	\$2,000.00
Building	Demolish Structure	06/03/2019	PB19-0471	5940 ELLIS RD	\$10,000.00
Building	Fire Repair (comm)	05/03/2019	PB19-0283	1246 LEFORGE	\$40,000.00
Building	Fire Repair (comm)	05/03/2019	PB19-0288	1246 LEFORGE RD N6	\$40,000.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Fire Repair (comm)	05/03/2019	PB19-0289	1240 LEFORGE RD P3	\$40,000.00
Building	Fire Repair (resid)	05/15/2019	PB19-0350	777 DODGE CT	\$106,995.00
Building	Mobile Home	05/03/2019	PB19-0271	9935 JULIE ST 125	\$0.00
Building	Mobile Home	05/03/2019	PB19-0270	9811 JULIE ST 55	\$0.00
Building	Mobile Home	05/03/2019	PB19-0330	3375 E MICHIGAN 049	\$0.00
Building	Mobile Home	05/03/2019	PB19-0333	3375 E MICHIGAN 051	\$0.00
Building	Mobile Home	05/03/2019	PB19-0332	3375 E MICHIGAN 009	\$0.00
Building	Mobile Home	05/03/2019	PB19-0331	3375 E MICHIGAN 026	\$0.00
Building	Mobile Home	05/03/2019	PB19-0268	2500 HOLMES RD 108	\$0.00
Building	Mobile Home	05/03/2019	PB19-0269	2500 HOLMES RD 207	\$500.00
Building	Mobile Home	05/03/2019	PB19-0317	2500 HOLMES RD 110	\$0.00
Building	Mobile Home	05/03/2019	PB19-0318	2500 HOLMES RD 210	\$0.00
Building	Mobile Home	05/07/2019	PB19-0353	3375 E MICHIGAN 034	\$1,000.00
Building	Mobile Home	05/07/2019	PB19-0356	3375 E MICHIGAN 276	\$1,000.00
Building	Mobile Home	05/07/2019	PB19-0355	3375 E MICHIGAN 217	\$1,000.00
Building	Mobile Home	05/07/2019	PB19-0354	3375 E MICHIGAN 045	\$1,000.00
Building	Mobile Home	05/21/2019	PB19-0403	2500 HOLMES RD 308	\$0.00
Building	Mobile Home	05/21/2019	PB19-0404	2500 HOLMES RD 506	\$0.00
Building	Mobile Home	05/30/2019	PB19-0296	9951 JOAN CIR 168	\$0.00
Building	Mobile Home	05/30/2019	PB19-0304	9814 JULIE ST 229	\$0.00
Building	Mobile Home	05/30/2019	PB19-0303	9841 GERALDINE ST 241	\$0.00
Building	Mobile Home	06/06/2019	PB19-0424	3375 E MICHIGAN 057	\$1,000.00
Building	Mobile Home	06/06/2019	PB19-0426	3375 E MICHIGAN 087	\$1,000.00
Building	Mobile Home	06/06/2019	PB19-0425	3375 E MICHIGAN 071	\$1,000.00
Building	Res Addition	05/21/2019	PB19-0371	905 TYLER RD	\$7,350.00
Building	Res Addition	05/28/2019	PB19-0358	170 ELDER ST	\$76,645.00
Building	Res Addition	06/20/2019	PB19-0481	656 N IVANHOE AVE	\$90,000.00
Building	Res Alter/Repair	05/07/2019	PB19-0369	126 GLENWOOD AVE	\$19,000.00
Building	Res Alter/Repair	05/08/2019	PB19-0372	1184 LEXINGTON PKWY	\$1,875.00
Building	Res Alter/Repair	05/17/2019	PB19-0378	7404 MAPLELAWN DR	\$12,550.00
Building	Res Alter/Repair	05/17/2019	PB19-0377	9639 HEREFORD DR	\$10,653.00
Building	Res Alter/Repair	05/17/2019	PB19-0383	1181 BORGSTROM AVE	\$0.00
Building	Res Alter/Repair	05/20/2019	PB19-0419	7248 PAMELA DR	\$26,773.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res Alter/Repair	05/22/2019	PB19-0413	333 DEVONSHIRE RD	\$4,150.00
Building	Res Alter/Repair	05/24/2019	PB19-0401	5516 NEW MEADOW DR	\$6,535.00
Building	Res Alter/Repair	05/29/2019	PB19-0447	5614 PINEVIEW DR	\$13,190.00
Building	Res Alter/Repair	05/29/2019	PB19-0443	1103 DESOTO AVE	\$10,352.00
Building	Res Alter/Repair	05/30/2019	PB19-0441	1650 S HARRIS RD	\$3,450.00
Building	Res Alter/Repair	05/31/2019	PB19-0446	219 OHIO ST	\$4,697.00
Building	Res Alter/Repair	06/03/2019	PB19-0434	5703 PRINCETON PL	\$4,089.00
Building	Res Alter/Repair	06/04/2019	PB19-0347	6633 STONY CREEK RD	\$5,000.00
Building	Res Alter/Repair	06/05/2019	PB19-0439	456 RICE AVE	\$2,000.00
Building	Res Alter/Repair	06/07/2019	PB19-0444	1039 GAULT DR	\$10,000.00
Building	Res Alter/Repair	06/10/2019	PB19-0480	240 ELMHURST ST	\$15,000.00
Building	Res Alter/Repair	06/10/2019	PB19-0486	2391 SUNNYGLEN AVE	\$12,800.00
Building	Res Alter/Repair	06/10/2019	PB19-0485	7826 BUNTON RD	\$22,000.00
Building	Res Alter/Repair	06/10/2019	PB19-0487	6025 VISTA DR	\$4,800.00
Building	Res Alter/Repair	06/10/2019	PB19-0509	445 BROWNING ST	\$35,912.00
Building	Res Alter/Repair	06/19/2019	PB19-0540	5565 TUTTLE HILL RD	\$2,380.00
Building	Res Alter/Repair	06/21/2019	PB19-0445	1204 WOODGLEN AVE	\$8,941.00
Building	Res Alter/Repair	06/21/2019	PB19-0523	5383 TEXTILE RD	\$13,100.00
Building	Res Alter/Repair	06/26/2019	PB19-0556	130 EDISON AVE	\$12,143.00
Building	Res Alter/Repair	06/28/2019	PB19-0370	2935 HOLMES RD	\$1,200.00
Building	Res Deck	05/01/2019	PB19-0276	7275 RACHEL DR	\$4,800.00
Building	Res Deck	05/01/2019	PB19-0113	7070 LAKEWAY ST	\$5,440.00
Building	Res Deck	05/03/2019	PB19-0264	7300 COLCHESTER LN	\$11,800.00
Building	Res Deck	05/13/2019	PB19-0346	7895 WINTERFIELD DR	\$15,000.00
Building	Res Deck	05/16/2019	PB19-0362	7033 LAKEWAY ST	\$3,200.00
Building	Res Deck	05/28/2019	PB19-0408	8837 CREEKWAY DR	\$3,200.00
Building	Res Deck	06/05/2019	PB19-0454	7547 STREAMWOOD DR	\$12,800.00
Building	Res Deck	06/05/2019	PB19-0453	5704 JUSTIN CT	\$7,000.00
Building	Res Deck	06/10/2019	PB19-0455	7870 GREENE FARM DR	\$4,480.00
Building	Res Deck	06/11/2019	PB19-0435	8851 INDIGO LN	\$13,607.00
Building	Res Deck	06/28/2019	PB19-0562	5842 CARY DR	\$5,760.00
Building	Res Finish Basement	06/18/2019	PB19-0507	2280 COLONY WAY	\$12,000.00
Building	Res Garage attached	05/28/2019	PB19-0422	7905 WHITTAKER RD	\$24,561.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res Garage detached	06/19/2019	PB19-0524	1471 ANDREA ST	\$28,068.00
Building	Res Handicap Ramp	06/17/2019	PB19-0169	430 FIRWOOD ST	\$6,035.00
Building	Res Handicap Ramp	06/25/2019	PB19-0574	1281 RUE DEAUVILLE BLVD	\$1,800.00
Building	Res Misc Concrete	05/13/2019	PB19-0334	6800 APPLE HILL DR	\$15,000.00
Building	Res Misc.	05/06/2019	PB19-0336	7365 GREENFIELD ST	\$7,800.00
Building	Res Misc.	05/16/2019	PB19-0397	6473 BEMIS RD	\$7,398.00
Building	Res Misc.	06/21/2019	PB19-0555	7521 OAKLAND HILLS DR	\$1,550.00
Building	Res New Multi-Family	05/14/2019	PB19-0305	9242 WHITE WING DR Bldg. #07	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0309	9242 WHITE WING DR Bldg. #19	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0306	9242 WHITE WING DR Bldg. #08	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0307	9242 WHITE WING DR Bldg. #09	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0308	9242 WHITE WING DR Bldg. #10	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0310	9242 WHITE WING DR Bldg. #20	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0311	9242 WHITE WING DR Bldg. #21	\$566,873.00
Building	Res New Multi-Family	05/14/2019	PB19-0312	9242 WHITE WING DR Bldg. #22	\$566,873.00
Building	Res New Multi-Family	06/27/2019	PB19-0295	9242 WHITE WING DR Bldg. #02	\$566,873.00
Building	Res New Roof	05/02/2019	PB19-0351	6408 ENCHANTED DR	\$11,200.00
Building	Res New Roof	05/02/2019	PB19-0352	8045 CREEK BEND DR	\$14,400.00
Building	Res New Roof	05/03/2019	PB19-0357	7924 BREEZEWOOD CT	\$15,140.00
Building	Res New Roof	05/06/2019	PB19-0361	1742 SMITH ST	\$4,000.00
Building	Res New Roof	05/06/2019	PB19-0363	8038 PEBBLESTONE DR	\$12,570.00
Building	Res New Roof	05/06/2019	PB19-0364	855 N HARRIS RD	\$7,846.00
Building	Res New Roof	05/06/2019	PB19-0365	820 N HARRIS RD	\$1,600.00
Building	Res New Roof	05/06/2019	PB19-0366	8111 CREEK BEND DR	\$9,300.00
Building	Res New Roof	05/06/2019	PB19-0367	991 DAVIS ST	\$800.00
Building	Res New Roof	05/06/2019	PB19-0368	7910 NEWBURY DR	\$7,989.00
Building	Res New Roof	05/09/2019	PB19-0373	6607 LAKEWAY ST	\$12,690.00
Building	Res New Roof	05/09/2019	PB19-0374	7319 WARWICK DR	\$10,835.00
Building	Res New Roof	05/09/2019	PB19-0375	7675 TUTTLE HILL RD	\$12,218.00
Building	Res New Roof	05/10/2019	PB19-0381	6284 MAPLEVIEW LN	\$6,912.00
Building	Res New Roof	05/14/2019	PB19-0389	587 EUGENE ST	\$2,400.00
Building	Res New Roof	05/15/2019	PB19-0391	775 OSWEGO AVE	\$3,600.00
Building	Res New Roof	05/16/2019	PB19-0395	7802 HAMPTON CT	\$7,600.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res New Roof	05/16/2019	PB19-0396	8802 TRILLIUM DR	\$6,362.00
Building	Res New Roof	05/20/2019	PB19-0412	7598 WARWICK DR	\$8,935.00
Building	Res New Roof	05/20/2019	PB19-0414	7298 STONY CREEK RD	\$15,000.00
Building	Res New Roof	05/20/2019	PB19-0415	7428 HOMESTEAD RD	\$6,000.00
Building	Res New Roof	05/21/2019	PB19-0411	2425 MERRILL ST	\$3,995.00
Building	Res New Roof	05/21/2019	PB19-0420	5651 PINEVIEW DR	\$11,774.00
Building	Res New Roof	05/21/2019	PB19-0421	908 DESOTO AVE	\$2,900.00
Building	Res New Roof	05/22/2019	PB19-0423	9575 WELLINGTON CT	\$6,900.00
Building	Res New Roof	05/22/2019	PB19-0427	5408 GRAYFIELD CIR	\$7,464.00
Building	Res New Roof	05/22/2019	PB19-0428	664 BAGLEY AVE	\$1,925.00
Building	Res New Roof	05/23/2019	PB19-0430	361 CARRIAGE WAY	\$14,619.00
Building	Res New Roof	05/24/2019	PB19-0432	6424 ENCHANTED DR	\$10,400.00
Building	Res New Roof	05/24/2019	PB19-0433	6907 MAPLELAWN DR	\$8,000.00
Building	Res New Roof	05/24/2019	PB19-0436	2820 APPLERIDGE ST	\$3,355.00
Building	Res New Roof	05/24/2019	PB19-0438	2817 APPLERIDGE ST	\$3,385.00
Building	Res New Roof	05/28/2019	PB19-0440	840 EUGENE ST	\$3,800.00
Building	Res New Roof	05/28/2019	PB19-0442	320 E CLARK RD	\$6,900.00
Building	Res New Roof	05/29/2019	PB19-0452	1349 HOLMES RD	\$5,880.00
Building	Res New Roof	05/30/2019	PB19-0456	2405 CANYON DR	\$13,303.00
Building	Res New Roof	05/30/2019	PB19-0457	2319 HOLMES RD	\$4,559.00
Building	Res New Roof	05/30/2019	PB19-0458	2160 MOELLER AVE	\$7,500.00
Building	Res New Roof	05/30/2019	PB19-0459	6358 OAKHURST DR	\$5,400.00
Building	Res New Roof	05/30/2019	PB19-0460	8026 EDEN CT	\$11,004.00
Building	Res New Roof	05/31/2019	PB19-0462	744 BAGLEY AVE	\$4,800.00
Building	Res New Roof	05/31/2019	PB19-0463	7497 DOVER DR	\$8,816.00
Building	Res New Roof	05/31/2019	PB19-0469	1146 COLEMAN ST	\$5,340.00
Building	Res New Roof	06/03/2019	PB19-0472	8125 BEMIS RD	\$12,150.00
Building	Res New Roof	06/03/2019	PB19-0474	7274 RACHEL DR	\$10,051.00
Building	Res New Roof	06/03/2019	PB19-0475	5861 WILLOWBRIDGE RD	\$6,300.00
Building	Res New Roof	06/03/2019	PB19-0476	6166 EAGLE TRACE DR	\$8,326.00
Building	Res New Roof	06/04/2019	PB19-0478	7823 LAKE CREST CT	\$5,150.00
Building	Res New Roof	06/05/2019	PB19-0482	8224 BLUE JAY DR	\$10,800.00
Building	Res New Roof	06/05/2019	PB19-0483	7248 PAMELA DR	\$10,000.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res New Roof	06/06/2019	PB19-0488	76 OREGON ST	\$4,500.00
Building	Res New Roof	06/06/2019	PB19-0490	7247 MUIRFIELD DR	\$5,600.00
Building	Res New Roof	06/07/2019	PB19-0501	6547 STONY CREEK RD	\$11,500.00
Building	Res New Roof	06/07/2019	PB19-0502	5820 NEW MEADOW DR	\$12,936.00
Building	Res New Roof	06/11/2019	PB19-0515	8183 HUMMINGBIRD CT	\$9,584.00
Building	Res New Roof	06/11/2019	PB19-0516	7610 HENLEY DR	\$6,888.00
Building	Res New Roof	06/12/2019	PB19-0518	50 DEVONSHIRE RD	\$2,800.00
Building	Res New Roof	06/12/2019	PB19-0520	8241 BLUE JAY DR	\$10,400.00
Building	Res New Roof	06/12/2019	PB19-0521	7850 HAMPTON CT	\$7,600.00
Building	Res New Roof	06/14/2019	PB19-0525	9553 MARTZ RD	\$16,600.00
Building	Res New Roof	06/14/2019	PB19-0526	7590 GREENE FARM DR	\$14,638.00
Building	Res New Roof	06/14/2019	PB19-0527	7747 PIONEER DR	\$0.00
Building	Res New Roof	06/18/2019	PB19-0535	8700 TRILLIUM DR	\$6,000.00
Building	Res New Roof	06/20/2019	PB19-0542	7379 SPY GLASS LN	\$10,107.00
Building	Res New Roof	06/20/2019	PB19-0546	2746 EASTLAWN AVE	\$10,000.00
Building	Res New Roof	06/20/2019	PB19-0547	5959 WILLOWBRIDGE RD	\$4,500.00
Building	Res New Roof	06/20/2019	PB19-0548	1547 GROVE RD	\$5,000.00
Building	Res New Roof	06/20/2019	PB19-0549	677 CAYUGA AVE	\$8,400.00
Building	Res New Roof	06/20/2019	PB19-0550	2041 CHEVROLET AVE	\$4,200.00
Building	Res New Roof	06/21/2019	PB19-0551	948 DAVIS ST	\$3,800.00
Building	Res New Roof	06/25/2019	PB19-0568	1262 E CROSS ST	\$0.00
Building	Res New Roof	06/25/2019	PB19-0569	2716 WOODRUFF LN	\$6,066.00
Building	Res New Roof	06/25/2019	PB19-0570	47 CARRIAGE WAY	\$9,045.00
Building	Res New Roof	06/25/2019	PB19-0571	8280 BLUE JAY DR	\$11,200.00
Building	Res New Roof	06/25/2019	PB19-0572	6159 CHERRYWOOD DR	\$10,800.00
Building	Res New Roof	06/25/2019	PB19-0573	8249 BLUE JAY DR	\$10,400.00
Building	Res New Roof	06/25/2019	PB19-0576	6364 JONQUIL LN	\$0.00
Building	Res New Roof	06/26/2019	PB19-0590	878 DEBBY CT	\$28,890.00
Building	Res New Roof	06/26/2019	PB19-0594	7070 RACHEL DR	\$14,386.00
Building	Res New Roof	06/26/2019	PB19-0595	9630 FALMOUTH DR	\$13,086.00
Building	Res New Roof	06/27/2019	PB19-0604	1516 VILLAGE LN	\$9,750.00
Building	Res New Single Family	05/02/2019	PB19-0255	9181 WHITE TAIL CT	\$206,449.00
Building	Res New Single Family	06/07/2019	PB19-0392	5635 MUNGER RD	\$309,864.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res New Single Family	06/12/2019	PB19-0465	9145 WHITE TAIL CT	\$211,262.00
Building	Res New Single Family	06/12/2019	PB19-0467	9070 WHITE TAIL CT	\$321,266.00
Building	Res New Single Family	06/27/2019	PB19-0468	9073 WHITE TAIL CT	\$206,448.00
Building	Res New Single Family	06/28/2019	PB19-0530	8876 NATALIE CT	\$193,243.00
Building	Res Shed	06/11/2019	PB19-0431	2746 EASTLAWN AVE	\$0.00
Building	Res Siding	05/03/2019	PB19-0360	5957 BIG PINE DR	\$24,800.00
Building	Res Siding	05/15/2019	PB19-0393	8229 LAKE CREST DR	\$19,000.00
Building	Res Siding	05/17/2019	PB19-0398	2129 HARMON ST	\$12,571.00
Building	Res Siding	05/24/2019	PB19-0437	640 KANSAS AVE	\$3,000.00
Building	Res Siding	06/05/2019	PB19-0484	6025 S IVANHOE AVE	\$1,600.00
Building	Res Siding	06/07/2019	PB19-0503	741 DODGE CT	\$19,980.00
Building	Res Siding	06/10/2019	PB19-0508	1376 SKYWAY DR	\$21,504.00
Building	Res Sunroom	06/10/2019	PB19-0466	6690 BURDOCK ST	\$21,600.00
Building	Res Sunroom	06/17/2019	PB19-0512	9321 CREEKWAY DR	\$18,737.00
Building	Res Windows	05/10/2019	PB19-0380	8127 CREEK BEND DR	\$22,500.00
Building	Res Windows	05/10/2019	PB19-0382	2894 ROUNDTREE BLVD	\$5,973.00
Building	Res Windows	05/13/2019	PB19-0385	7093 PAMELA DR	\$12,400.00
Building	Res Windows	05/13/2019	PB19-0341	1254 E FOREST AVE	\$9,500.00
Building	Res Windows	05/13/2019	PB19-0386	151 LAMAY AVE	\$4,907.00
Building	Res Windows	05/13/2019	PB19-0388	640 E CLARK RD	\$4,457.00
Building	Res Windows	05/15/2019	PB19-0390	6293 MAPLEHURST DR	\$11,900.00
Building	Res Windows	05/16/2019	PB19-0394	7359 KNOLLWOOD DR	\$7,900.00
Building	Res Windows	05/17/2019	PB19-0399	6824 MAPLELAWN DR	\$11,260.00
Building	Res Windows	05/17/2019	PB19-0400	945 E CROSS ST	\$14,881.00
Building	Res Windows	05/17/2019	PB19-0402	1147 LORI ST	\$6,913.00
Building	Res Windows	05/17/2019	PB19-0406	7042 MISSION HILLS DR	\$8,300.00
Building	Res Windows	05/17/2019	PB19-0407	7783 BERWICK DR	\$11,688.00
Building	Res Windows	05/20/2019	PB19-0410	6271 S IVANHOE AVE	\$5,193.00
Building	Res Windows	05/20/2019	PB19-0417	1907 HARMON ST	\$7,184.00
Building	Res Windows	05/20/2019	PB19-0418	2425 MIDVALE ST	\$4,991.00
Building	Res Windows	05/29/2019	PB19-0448	992 RUE WILLETTE BLVD	\$7,200.00
Building	Res Windows	05/29/2019	PB19-0449	5725 TUTTLE HILL RD	\$7,659.00
Building	Res Windows	05/29/2019	PB19-0450	6156 S MIAMI ST	\$2,050.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res Windows	06/07/2019	PB19-0492	337 S HARRIS RD	\$105.00
Building	Res Windows	06/07/2019	PB19-0493	115 S CLUBVIEW DR	\$2,070.00
Building	Res Windows	06/07/2019	PB19-0494	5692 JUSTIN CT	\$7,703.00
Building	Res Windows	06/07/2019	PB19-0495	8365 THORNHILL DR	\$7,700.00
Building	Res Windows	06/07/2019	PB19-0496	1368 HARRY ST	\$3,712.00
Building	Res Windows	06/07/2019	PB19-0497	7316 HOMESTEAD RD	\$7,000.00
Building	Res Windows	06/07/2019	PB19-0498	804 CLIFFS DR # 305F	\$5,600.00
Building	Res Windows	06/07/2019	PB19-0504	5736 SUNSET TRL	\$640.00
Building	Res Windows	06/07/2019	PB19-0505	7599 WARWICK DR	\$11,100.00
Building	Res Windows	06/10/2019	PB19-0506	5924 S MOHAWK AVE	\$8,972.00
Building	Res Windows	06/11/2019	PB19-0513	8091 CREEK BEND DR	\$14,600.00
Building	Res Windows	06/12/2019	PB19-0519	5819 BIG PINE DR	\$8,447.00
Building	Res Windows	06/14/2019	PB19-0489	1240 GAULT DR	\$4,150.00
Building	Res Windows	06/18/2019	PB19-0534	7655 S HURON RIVER DR	\$2,296.00
Building	Res Windows	06/20/2019	PB19-0543	824 CLIFFS DR # 303E	\$4,784.00
Building	Res Windows	06/20/2019	PB19-0544	1301 GROVE RD	\$2,482.00
Building	Res Windows	06/20/2019	PB19-0545	865 CLIFFS DR # 102B	\$1,270.00
Building	Res Windows	06/21/2019	PB19-0553	5947 S MOHAWK AVE	\$8,700.00
Building	Res Windows	06/21/2019	PB19-0554	204 OREGON ST	\$5,040.00
Building	Res Windows	06/21/2019	PB19-0522	1260 CANDLEWOOD LN	\$3,530.00
Building	Res Windows	06/25/2019	PB19-0578	2350 MCKINLEY AVE	\$0.00
Building	Res Windows	06/25/2019	PB19-0579	7271 RICHMOND DR	\$0.00
Building	Res Windows	06/25/2019	PB19-0582	5131 BEMIS RD	\$1,963.00
Building	Res Windows	06/25/2019	PB19-0583	1212 CLARITA ST	\$3,240.00
Building	Res Windows	06/25/2019	PB19-0584	1190 LESTER AVE	\$6,317.00
Building	Res Windows	06/25/2019	PB19-0585	151 LAMAY AVE	\$14,794.00
Building	Res Windows	06/26/2019	PB19-0588	7040 OAKRIDGE DR	\$65,697.00
Building	Res Windows	06/27/2019	PB19-0598	2160 MCKINLEY AVE	\$1,513.00
Building	Res Windows	06/27/2019	PB19-0599	7372 STREAMWOOD DR	\$4,298.00
Building	Res Windows	06/27/2019	PB19-0603	7834 RAINTREE DR	\$587.00
Building	Res Windows	06/28/2019	PB19-0606	9052 COLONY PARK DR	\$4,997.00
Building	Res Windows	06/28/2019	PB19-0607	1540 E CLARK RD	\$2,304.00
Building	Res Windows	06/28/2019	PB19-0608	1447 GATTEGNO ST	\$682.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Building	Res Windows	06/28/2019	PB19-0609	7985 RAINTREE DR	\$2,500.00
Code Inspection	Code Inspection	05/02/2019	PCD19-0020	7880 RAINTREE DR	\$0.00
Code Inspection	Code Inspection	05/06/2019	PCD19-0021	64 OREGON ST	\$0.00
Code Inspection	Code Inspection	05/09/2019	PCD19-0022	724 NASH AVE	\$0.00
Code Inspection	Code Inspection	05/24/2019	PCD19-0024	6259 S MOHAWK AVE	\$0.00
Code Inspection	Code Inspection	06/17/2019	PCD19-0025	658 CAMPBELL AVE	\$0.00
Code Inspection	Code Inspection	06/19/2019	PCD19-0026	1716 LYNN CT	\$0.00
Code Inspection	Plumbing	05/02/2019	PCD19-0019	3067 GROVE RD	\$0.00
Earth Balancing & E	Earth Balancing & Excavat	05/29/2019	PEB19-0001	6601 TUTTLE HILL RD	\$0.00
Electrical	Electrical	05/02/2019	PE19-0183	7963 LAKE CREST DR	\$0.00
Electrical	Electrical	05/03/2019	PE19-0184	7574 STREAMWOOD DR	\$0.00
Electrical	Electrical	05/06/2019	PE19-0185	1775 E CLARK RD	\$0.00
Electrical	Electrical	05/06/2019	PE19-0186	2872 WASHTENAW RD	\$0.00
Electrical	Electrical	05/07/2019	PE19-0178	95 ECORSE RD	\$0.00
Electrical	Electrical	05/09/2019	PE19-0136	2085 E MICHIGAN AVE	\$0.00
Electrical	Electrical	05/10/2019	PE19-0153	3020 WASHTENAW RD	\$0.00
Electrical	Electrical	05/13/2019	PE19-0188	126 GLENWOOD AVE	\$0.00
Electrical	Electrical	05/13/2019	PE19-0189	3020 E MICHIGAN AVE	\$0.00
Electrical	Electrical	05/13/2019	PE19-0181	6800 APPLE HILL DR	\$0.00
Electrical	Electrical	05/13/2019	PE19-0190	2050 MCKINLEY AVE	\$0.00
Electrical	Electrical	05/13/2019	PE19-0191	5857 MUNGER RD	\$0.00
Electrical	Electrical	05/15/2019	PE19-0192	515 JAMES L HART PKWY	\$0.00
Electrical	Electrical	05/16/2019	PE19-0193	252 CARRIAGE WAY	\$0.00
Electrical	Electrical	05/20/2019	PE19-0194	2425 MERRILL ST	\$0.00
Electrical	Electrical	05/21/2019	PE19-0187	7404 MAPLELAWN DR	\$0.00
Electrical	Electrical	05/21/2019	PE19-0196	7267 HIDEAWAY DR	\$0.00
Electrical	Electrical	05/21/2019	PE19-0148	2171 E MICHIGAN AVE	\$0.00
Electrical	Electrical	05/21/2019	PE19-0197	8753 SPINNAKER WAY CLBHSE	\$0.00
Electrical	Electrical	05/21/2019	PE19-0195	905 TYLER RD	\$0.00
Electrical	Electrical	05/21/2019	PE19-0198	2121 CRITTENDON AVE	\$0.00
Electrical	Electrical	05/22/2019	PE19-0199	9350 TALLWOOD DR	\$0.00
Electrical	Electrical	05/22/2019	PE19-0200	9356 TALLWOOD DR	\$0.00
Electrical	Electrical	05/22/2019	PE19-0201	9346 TALLWOOD DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Electrical	Electrical	05/22/2019	PE19-0202	9340 TALLWOOD DR	\$0.00
Electrical	Electrical	05/22/2019	PE19-0203	9336 TALLWOOD DR	\$0.00
Electrical	Electrical	05/22/2019	PE19-0204	9330 TALLWOOD DR	\$0.00
Electrical	Electrical	05/23/2019	PE19-0205	777 DODGE CT	\$0.00
Electrical	Electrical	05/23/2019	PE19-0206	9030 COUNTRY VIEW DR	\$0.00
Electrical	Electrical	05/23/2019	PE19-0207	9050 COUNTRY VIEW DR	\$0.00
Electrical	Electrical	05/23/2019	PE19-0208	9150 WHITE TAIL CT	\$0.00
Electrical	Electrical	05/23/2019	PE19-0209	9228 WHITE TAIL DR	\$0.00
Electrical	Electrical	05/23/2019	PE19-0210	3003 WILLIAM AVE	\$0.00
Electrical	Electrical	05/24/2019	PE19-0211	8912 MERRITT RD	\$0.00
Electrical	Electrical	05/24/2019	PE19-0212	7255 OAKRIDGE DR	\$0.00
Electrical	Electrical	05/24/2019	PE19-0213	2433 DRAPER AVE	\$0.00
Electrical	Electrical	05/24/2019	PE19-0214	1210 EVELYN AVE	\$0.00
Electrical	Electrical	05/28/2019	PE19-0216	2547 PACKARD RD	\$0.00
Electrical	Electrical	05/29/2019	PE19-0218	770 JAMES L HART PKWY	\$0.00
Electrical	Electrical	05/30/2019	PE19-0219	2500 HOLMES RD 108	\$0.00
Electrical	Electrical	05/30/2019	PE19-0220	2500 HOLMES RD 207	\$0.00
Electrical	Electrical	05/30/2019	PE19-0221	7032 LAKEWAY ST	\$0.00
Electrical	Electrical	05/31/2019	PE19-0222	2720 WASHTENAW RD	\$0.00
Electrical	Electrical	05/31/2019	PE19-0223	599 KENNEDY AVE	\$0.00
Electrical	Electrical	05/31/2019	PE19-0225	7099 MISSION HILLS DR	\$0.00
Electrical	Electrical	05/31/2019	PE19-0224	1238 DUNCAN AVE	\$0.00
Electrical	Electrical	06/03/2019	PE19-0226	171 HILLCREST BLVD	\$0.00
Electrical	Electrical	06/03/2019	PE19-0227	1451 ECORSE RD	\$0.00
Electrical	Electrical	06/03/2019	PE19-0228	1172 LESTER AVE	\$0.00
Electrical	Electrical	06/05/2019	PE19-0229	533 HUNT PL	\$0.00
Electrical	Electrical	06/05/2019	PE19-0215	456 RICE AVE	\$0.00
Electrical	Electrical	06/06/2019	PE19-0232	6633 STONY CREEK RD	\$0.00
Electrical	Electrical	06/07/2019	PE19-0233	1060 LEVONA ST	\$0.00
Electrical	Electrical	06/07/2019	PE19-0234	1019 E MICHIGAN AVE	\$0.00
Electrical	Electrical	06/07/2019	PE19-0235	549 PINWOOD ST	\$0.00
Electrical	Electrical	06/07/2019	PE19-0236	178 OREGON ST	\$0.00
Electrical	Electrical	06/07/2019	PE19-0237	238 EMERSON AVE	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Electrical	Electrical	06/10/2019	PE19-0238	2653 ELLSWORTH UNIT E	\$0.00
Electrical	Electrical	06/10/2019	PE19-0217	8849 NATALIE CT	\$0.00
Electrical	Electrical	06/10/2019	PE19-0239	9091 WHITE TAIL CT	\$0.00
Electrical	Electrical	06/10/2019	PE19-0230	2391 SUNNYGLEN AVE	\$0.00
Electrical	Electrical	06/10/2019	PE19-0231	7826 BUNTON RD	\$0.00
Electrical	Electrical	06/10/2019	PE19-0240	586 EUGENE ST	\$0.00
Electrical	Electrical	06/10/2019	PE19-0241	1103 DESOTO AVE	\$0.00
Electrical	Electrical	06/10/2019	PE19-0242	5950 STONY CREEK RD	\$0.00
Electrical	Electrical	06/11/2019	PE19-0243	2618 AMBASSADOR DR	\$0.00
Electrical	Electrical	06/11/2019	PE19-0244	6321 TUTTLE HILL RD	\$0.00
Electrical	Electrical	06/12/2019	PE19-0245	775 JAMES L HART PKWY	\$0.00
Electrical	Electrical	06/14/2019	PE19-0246	997 N TERRACE LN	\$0.00
Electrical	Electrical	06/17/2019	PE19-0247	9360 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0248	9366 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0249	9370 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0250	9376 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0251	9380 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0252	9386 TALLWOOD DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0253	5530 PINEVIEW DR	\$0.00
Electrical	Electrical	06/17/2019	PE19-0254	1039 GAULT DR	\$0.00
Electrical	Electrical	06/18/2019	PE19-0255	9951 JOAN CIR 168	\$0.00
Electrical	Electrical	06/18/2019	PE19-0256	9814 JULIE ST 229	\$0.00
Electrical	Electrical	06/18/2019	PE19-0257	9935 JULIE ST 125	\$0.00
Electrical	Electrical	06/18/2019	PE19-0258	9811 JULIE ST 55	\$0.00
Electrical	Electrical	06/18/2019	PE19-0259	1958 MERRILL ST	\$0.00
Electrical	Electrical	06/20/2019	PE19-0260	2771 AMBASSADOR DR	\$0.00
Electrical	Electrical	06/20/2019	PE19-0261	2763 AMBASSADOR DR	\$0.00
Electrical	Electrical	06/20/2019	PE19-0262	2742 BROOKLYN DR	\$0.00
Electrical	Electrical	06/20/2019	PE19-0263	2734 BROOKLYN DR	\$0.00
Electrical	Electrical	06/20/2019	PE19-0264	2750 BROOKLYN DR	\$0.00
Electrical	Electrical	06/20/2019	PE19-0265	2614 WASHTENAW RD	\$0.00
Electrical	Electrical	06/21/2019	PE19-0266	6156 S MIAMI ST	\$0.00
Electrical	Electrical	06/21/2019	PE19-0268	1874 WHITTAKER RD BLDG B	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Electrical	Electrical	06/24/2019	PE19-0269	5918 WILLOWBRIDGE RD	\$0.00
Electrical	Electrical	06/25/2019	PE19-0270	2452 CARRIAGE WAY	\$0.00
Electrical	Electrical	06/25/2019	PE19-0271	2280 COLONY WAY	\$0.00
Electrical	Electrical	06/25/2019	PE19-0272	247 S WALLACE BLVD	\$0.00
Electrical	Electrical	06/25/2019	PE19-0273	9628 LANDSDOWNE LN	\$0.00
Electrical	Electrical	06/25/2019	PE19-0274	7997 LAKE CREST DR	\$0.00
Electrical	Electrical	06/25/2019	PE19-0275	2853 APPLERIDGE ST	\$0.00
Electrical	Electrical	06/25/2019	PE19-0276	3375 E MICHIGAN 009	\$0.00
Electrical	Electrical	06/25/2019	PE19-0277	3375 E MICHIGAN 026	\$0.00
Electrical	Electrical	06/25/2019	PE19-0278	3375 E MICHIGAN 034	\$0.00
Electrical	Electrical	06/25/2019	PE19-0279	3375 E MICHIGAN 045	\$0.00
Electrical	Electrical	06/25/2019	PE19-0280	3375 E MICHIGAN 049	\$0.00
Electrical	Electrical	06/25/2019	PE19-0281	3375 E MICHIGAN 051	\$0.00
Electrical	Electrical	06/25/2019	PE19-0282	1155 LESTER AVE	\$0.00
Electrical	Electrical	06/26/2019	PE19-0283	9333 TALLWOOD DR	\$0.00
Electrical	Electrical	06/26/2019	PE19-0284	9329 TALLWOOD DR	\$0.00
Electrical	Electrical	06/26/2019	PE19-0285	9323 TALLWOOD DR	\$0.00
Electrical	Electrical	06/26/2019	PE19-0286	9339 TALLWOOD DR	\$0.00
Electrical	Electrical	06/27/2019	PE19-0288	1196 SHARE AVE	\$0.00
Electrical	Electrical	06/28/2019	PE19-0289	6626 ROBINDALE DR	\$0.00
Electrical	Electrical	06/28/2019	PE19-0290	7472 OAKLAND HILLS DR	\$0.00
Electrical	Electrical	06/28/2019	PE19-0291	1366 RAMBLING RD	\$0.00
Electrical	Electrical	06/28/2019	PE19-0292	2547 ELLSWORTH RD	\$0.00
Electrical	Electrical	06/28/2019	PE19-0293	6209 SWALLOW LN	\$0.00
Electrical	Electrical	06/28/2019	PE19-0287	1185 DESOTO AVE	\$0.00
Fire Alarm	Fire Detection System	05/09/2019	PFA19-0001	2085 E MICHIGAN AVE	\$0.00
Fire Alarm	Fire Detection System	05/21/2019	PFA19-0002	2171 E MICHIGAN AVE	\$0.00
Fire Suppression	Fire Suppression	05/22/2019	PFS19-0003	3020 E MICHIGAN AVE	\$0.00
Fire Suppression	Fire Suppression	05/28/2019	PFS19-0004	2085 E MICHIGAN AVE	\$0.00
Fire Suppression	Fire Suppression	06/17/2019	PFS18-0022	9242 WHITE WING DR Bldg. #11	\$0.00
Fire Suppression	Fire Suppression	06/24/2019	PFS19-0005	1874 WHITTAKER RD BLDG B	\$0.00
Fire Suppression	Fire Suppression	06/26/2019	PFS18-0026	9242 WHITE WING DR Bldg. #21	\$0.00
Fire Suppression	Fire Suppression	06/26/2019	PFS18-0027	9242 WHITE WING DR Bldg. #10	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Fire Suppression	Fire Suppression	06/26/2019	PFS18-0025	9242 WHITE WING DR Bldg. #22	\$0.00
Mechanical	Mech/Refrigeration	06/21/2019	PM19-0676	6156 S MIAMI ST	\$0.00
Mechanical	Mechanical	05/01/2019	PM19-0483	2341 BURNS ST	\$0.00
Mechanical	Mechanical	05/01/2019	PM19-0484	8703 AMARANTH LN	\$0.00
Mechanical	Mechanical	05/01/2019	PM19-0485	6171 SCHUSS XING	\$0.00
Mechanical	Mechanical	05/01/2019	PM19-0486	927 PARKWOOD AVE	\$0.00
Mechanical	Mechanical	05/02/2019	PM19-0487	5724 MEADOWVIEW ST	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0415	9935 JULIE ST 125	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0416	9811 JULIE ST 55	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0489	6113 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0490	6119 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0488	6107 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0491	6131 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0414	2500 HOLMES RD 108	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0413	2500 HOLMES RD 207	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0445	2500 HOLMES RD 110	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0446	2500 HOLMES RD 210	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0493	6272 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0494	6276 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0495	6282 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0496	6288 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0492	6300 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0497	6306 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0498	6312 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0499	6318 WATERSIDE DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0500	7574 STREAMWOOD DR	\$0.00
Mechanical	Mechanical	05/03/2019	PM19-0501	1322 RIDGE RD	\$0.00
Mechanical	Mechanical	05/06/2019	PM19-0456	8849 NATALIE CT	\$0.00
Mechanical	Mechanical	05/06/2019	PM19-0502	861 LAMAY AVE	\$0.00
Mechanical	Mechanical	05/06/2019	PM19-0503	21 OREGON ST	\$0.00
Mechanical	Mechanical	05/09/2019	PM19-0504	2419 CARRIAGE WAY	\$0.00
Mechanical	Mechanical	05/09/2019	PM19-0505	6988 MC KEAN 024	\$0.00
Mechanical	Mechanical	05/09/2019	PM19-0506	605 PINEWOOD ST	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	05/09/2019	PM19-0507	5857 MUNGER RD	\$0.00
Mechanical	Mechanical	05/10/2019	PM19-0452	9228 WHITE TAIL DR	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0509	2050 MCKINLEY AVE	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0454	6800 APPLE HILL DR	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0510	9010 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0511	1137 LESTER AVE	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0512	1330 JAY AVE	\$0.00
Mechanical	Mechanical	05/13/2019	PM19-0513	7963 LAKE CREST DR	\$0.00
Mechanical	Mechanical	05/14/2019	PM19-0514	9940 JULIE ST 212	\$0.00
Mechanical	Mechanical	05/14/2019	PM19-0517	1309 BLOSSOM AVE	\$0.00
Mechanical	Mechanical	05/14/2019	PM19-0516	6108 ROBERT CIR 260	\$0.00
Mechanical	Mechanical	05/14/2019	PM19-0515	3375 E MICHIGAN 061	\$0.00
Mechanical	Mechanical	05/15/2019	PM19-0518	1564 PARKWOOD AVE	\$0.00
Mechanical	Mechanical	05/15/2019	PM19-0519	1618 PARKWOOD AVE	\$0.00
Mechanical	Mechanical	05/16/2019	PM19-0520	141 EDISON AVE	\$0.00
Mechanical	Mechanical	05/16/2019	PM19-0521	7306 DEER TRACK DR	\$0.00
Mechanical	Mechanical	05/17/2019	PM19-0522	7920 BRIARBROOK DR	\$0.00
Mechanical	Mechanical	05/17/2019	PM19-0523	324 AIRPORT INDUSTRIAL DR	\$0.00
Mechanical	Mechanical	05/17/2019	PM19-0508	1220 BORGSTROM AVE	\$0.00
Mechanical	Mechanical	05/17/2019	PM19-0524	7355 SPY GLASS LN	\$0.00
Mechanical	Mechanical	05/17/2019	PM19-0525	7119 WARWICK DR	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0526	8364 FARM LN	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0527	1465 DESOTO AVE	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0528	7510 BUNTON RD	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0529	460 RICE AVE	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0530	155 ROSEWOOD AVE	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0531	2906 WASHTENAW AVE 2A	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0532	9054 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0533	9163 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	05/20/2019	PM19-0534	9241 WHITE TAIL DR	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0535	2764 SOUTHLAWN ST	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0536	2960 INTERNATIONAL DR BLDG 22	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0537	1910 EILEEN AVE	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	05/21/2019	PM19-0538	9963 JULIE ST 133	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0539	71 JEROME AVE	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0540	1116 MAPLEWOOD AVE	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0541	5050 SCHOONER COVE BLVD BLDG 1	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0542	5580 TEXTILE RD	\$0.00
Mechanical	Mechanical	05/21/2019	PM19-0543	1438 RUE DEAUVILLE BLVD	\$0.00
Mechanical	Mechanical	05/23/2019	PM19-0544	9073 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	05/23/2019	PM19-0545	9163 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	05/23/2019	PM19-0546	7137 INDIAN WELLS DR	\$0.00
Mechanical	Mechanical	05/24/2019	PM19-0547	5729 NEW MEADOW DR	\$0.00
Mechanical	Mechanical	05/24/2019	PM19-0548	1369 HARRY ST	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0550	588 DESOTO AVE	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0551	260 KIRK ST	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0552	9330 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0553	9340 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0554	9346 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0555	9336 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0556	6100 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0557	6108 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0558	6116 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/28/2019	PM19-0559	6124 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0560	9360 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0561	9366 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0562	9370 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0563	9376 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0564	9380 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0565	9386 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0566	9400 TALLWOOD CT	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0567	9404 TALLWOOD CT	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0568	9410 TALLWOOD CT	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0569	9414 TALLWOOD CT	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0570	9350 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0571	9356 TALLWOOD DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	05/29/2019	PM19-0572	9343 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0573	9349 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0574	9363 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0549	9330 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0575	9336 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0576	9340 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0577	9346 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0578	9369 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0579	9323 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0580	9329 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0581	9333 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0582	9339 TALLWOOD DR	\$0.00
Mechanical	Mechanical	05/29/2019	PM19-0583	9134 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	05/30/2019	PM19-0584	7232 GLACIER POINTE DR	\$0.00
Mechanical	Mechanical	05/30/2019	PM19-0420	9951 JOAN CIR 168	\$0.00
Mechanical	Mechanical	05/30/2019	PM19-0426	9814 JULIE ST 229	\$0.00
Mechanical	Mechanical	05/30/2019	PM19-0425	9841 GERALDINE ST 241	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0585	7991 BERWICK DR	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0586	83 S MANSFIELD ST	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0587	112 OREGON ST	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0588	599 KENNEDY AVE	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0590	7099 MISSION HILLS DR	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0589	1238 DUNCAN AVE	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0591	840 E CROSS ST	\$0.00
Mechanical	Mechanical	05/31/2019	PM19-0592	1685 CLIFFS 101 B LNDG	\$0.00
Mechanical	Mechanical	06/03/2019	PM19-0593	9038 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/03/2019	PM19-0594	8875 NATALIE CT	\$0.00
Mechanical	Mechanical	06/03/2019	PM19-0595	9030 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	06/04/2019	PM19-0597	1184 LEXINGTON PKWY	\$0.00
Mechanical	Mechanical	06/04/2019	PM19-0598	9010 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	06/04/2019	PM19-0599	2862 ROUNDTREE BLVD	\$0.00
Mechanical	Mechanical	06/04/2019	PM19-0600	533 HUNT PL	\$0.00
Mechanical	Mechanical	06/04/2019	PM19-0601	1255 GAULT DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	06/05/2019	PM19-0602	9134 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0603	9241 WHITE TAIL DR	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0605	8845 NATALIE CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0606	8875 NATALIE CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0607	8849 NATALIE CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0608	9091 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0609	9038 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0610	9150 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0611	9050 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	06/05/2019	PM19-0612	9030 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0613	2734 BROOKLYN DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0614	2750 BROOKLYN DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0615	2742 BROOKLYN DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0616	2763 AMBASSADOR DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0617	2771 AMBASSADOR DR	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0618	212 STEVENS DR BLDG 3	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0619	212 STEVENS DR BLDG 8	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0620	212 STEVENS DR BLDG 2	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0621	212 STEVENS DR BLDG 5	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0622	212 STEVENS DR BLDG 6	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0623	212 STEVENS DR BLDG 9	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0624	212 STEVENS DR BLDG 7	\$0.00
Mechanical	Mechanical	06/06/2019	PM19-0625	7880 WINTERFIELD DR	\$0.00
Mechanical	Mechanical	06/07/2019	PM19-0626	1567 MOLLIE ST	\$0.00
Mechanical	Mechanical	06/07/2019	PM19-0627	1497 ECORSE RD	\$0.00
Mechanical	Mechanical	06/07/2019	PM19-0628	549 PINWOOD ST	\$0.00
Mechanical	Mechanical	06/07/2019	PM19-0629	529 DUBIE AVE	\$0.00
Mechanical	Mechanical	06/10/2019	PM19-0630	586 EUGENE ST	\$0.00
Mechanical	Mechanical	06/10/2019	PM19-0631	1405 DESOTO AVE	\$0.00
Mechanical	Mechanical	06/10/2019	PM19-0632	8845 NATALIE CT	\$0.00
Mechanical	Mechanical	06/10/2019	PM19-0633	7041 BUNTON RD	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0634	2750 BROOKLYN DR	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0635	2742 BROOKLYN DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	06/11/2019	PM19-0636	2734 BROOKLYN DR	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0637	1477 RUE DEAUVILLE BLVD	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0638	7262 SPY GLASS LN	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0639	7902 RAMBLEWOOD ST	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0640	2618 AMBASSADOR DR	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0641	6321 TUTTLE HILL RD	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0642	3020 E MICHIGAN AVE	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0643	438 N HARRIS RD	\$0.00
Mechanical	Mechanical	06/11/2019	PM19-0644	1357 HUNTER AVE	\$0.00
Mechanical	Mechanical	06/12/2019	PM19-0645	1472 E CLARK RD	\$0.00
Mechanical	Mechanical	06/12/2019	PM19-0646	238 EMERSON AVE	\$0.00
Mechanical	Mechanical	06/12/2019	PM19-0596	7364 DEER TRACK CT	\$0.00
Mechanical	Mechanical	06/13/2019	PM19-0647	3003 WILLIAM AVE	\$0.00
Mechanical	Mechanical	06/14/2019	PM19-0648	7723 PIONEER DR	\$0.00
Mechanical	Mechanical	06/14/2019	PM19-0649	1430 BUD AVE	\$0.00
Mechanical	Mechanical	06/14/2019	PM19-0650	259 TAFT AVE	\$0.00
Mechanical	Mechanical	06/14/2019	PM19-0651	1349 SKYWAY DR	\$0.00
Mechanical	Mechanical	06/14/2019	PM19-0652	7087 ST ANDREWS DR	\$0.00
Mechanical	Mechanical	06/17/2019	PM19-0654	1240 GAULT DR	\$0.00
Mechanical	Mechanical	06/17/2019	PM19-0655	231 DAKOTA AVE	\$0.00
Mechanical	Mechanical	06/17/2019	PM19-0656	8798 PRAIRIE ST	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0658	1691 WINGATE BLVD	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0657	5920 S IVANHOE AVE	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0659	5958 W RAINTREE CT	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0660	1200 GEORGINA DR	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0661	9150 WHITE TAIL CT	\$0.00
Mechanical	Mechanical	06/18/2019	PM19-0662	1385 W MICHIGAN AVE	\$0.00
Mechanical	Mechanical	06/19/2019	PM19-0663	622 VILLA DR	\$0.00
Mechanical	Mechanical	06/20/2019	PM19-0664	9791 BEMIS RD	\$0.00
Mechanical	Mechanical	06/20/2019	PM19-0665	7317 DEER TRACK DR	\$0.00
Mechanical	Mechanical	06/20/2019	PM19-0666	2425 MERRILL ST	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0667	9350 TALLWOOD DR	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0668	9356 TALLWOOD DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	06/21/2019	PM19-0669	8611 SPINNAKER WAY A3	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0670	2810 ROUNDTREE BLVD	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0671	7375 HIDEAWAY DR	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0672	5727 SUNSET TRL	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0673	7260 HOMESTEAD RD	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0674	2721 INTERNATIONAL DR 1605B	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0675	421 CAMPBELL AVE	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0680	2397 CEDARCLIFF AVE	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0679	2351 SUNNYGLEN AVE	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0678	1550 S HARRIS RD	\$0.00
Mechanical	Mechanical	06/21/2019	PM19-0677	9575 WELLINGTON CT	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0682	6172 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0683	6180 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0684	6186 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0685	6192 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0686	6171 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0687	6177 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0688	6185 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0689	6191 JOYCE VIEW DR	\$0.00
Mechanical	Mechanical	06/24/2019	PM19-0690	2580 HOLMES 42	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0692	2452 CARRIAGE WAY	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0693	2280 COLONY WAY	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0694	872 GROVE RD	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0695	9628 LANDSDOWNE LN	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0696	7538 DORAL DR	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0697	1096 GAULT DR	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0698	7341 DEER TRACK DR	\$0.00
Mechanical	Mechanical	06/25/2019	PM19-0699	1155 LESTER AVE	\$0.00
Mechanical	Mechanical	06/26/2019	PM19-0700	1874 WHITTAKER RD BLDG B	\$0.00
Mechanical	Mechanical	06/27/2019	PM19-0701	8849 NATALIE CT	\$0.00
Mechanical	Mechanical	06/27/2019	PM19-0702	9050 COUNTRY VIEW DR	\$0.00
Mechanical	Mechanical	06/27/2019	PM19-0703	663 VILLA DR	\$0.00
Mechanical	Mechanical	06/28/2019	PM19-0704	343 BELLERS CT	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Mechanical	Mechanical	06/28/2019	PM19-0705	6626 ROBINDALE DR	\$0.00
Mechanical	Mechanical	06/28/2019	PM19-0706	7431 KNOLLWOOD DR	\$0.00
Mechanical	Mechanical	06/28/2019	PM19-0707	29 OHIO ST	\$0.00
Mechanical	Mechanical	06/28/2019	PM19-0708	7472 OAKLAND HILLS DR	\$0.00
Plumbing	Code Inspection	05/10/2019	PP19-0240	1160 DESOTO AVE	\$0.00
Plumbing	Plumbing	05/01/2019	PP19-0184	1464 BLOSSOM AVE	\$0.00
Plumbing	Plumbing	05/01/2019	PP19-0185	909 MAPLEWOOD AVE	\$0.00
Plumbing	Plumbing	05/01/2019	PP19-0186	2134 BRADLEY AVE	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0187	7963 LAKE CREST DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0188	425 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0189	423 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0190	417 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0191	403 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0192	410 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0193	418 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0194	426 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0195	428 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0196	434 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0197	440 VILLA DR BLDG 1	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0198	571 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0199	607 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0200	625 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0201	563 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0202	553 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0203	551 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0204	539 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0205	537 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0206	533 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0207	681 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0208	661 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0209	645 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0210	639 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0211	633 VILLA DR	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Plumbing	Plumbing	05/02/2019	PP19-0212	574 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0213	564 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0214	510 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0215	694 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0216	696 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0217	506 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0218	439 VILLA DR	\$0.00
Plumbing	Plumbing	05/02/2019	PP19-0219	515 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0221	523 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0222	447 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0223	443 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0224	433 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0225	427 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0226	560 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0227	524 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0228	522 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0229	628 VILLA DR	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0149	9935 JULIE ST 125	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0150	9811 JULIE ST 55	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0220	9242 WHITE WING DR Bldg. #20	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0230	9242 WHITE WING DR Bldg. #27	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0148	2500 HOLMES RD 108	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0147	2500 HOLMES RD 207	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0172	2500 HOLMES RD 110	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0173	2500 HOLMES RD 210	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0231	9150 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	05/03/2019	PP19-0232	9242 WHITE WING DR Bldg. #28	\$0.00
Plumbing	Plumbing	05/06/2019	PP19-0233	102 S WALLACE BLVD	\$0.00
Plumbing	Plumbing	05/07/2019	PP19-0235	2340 MCKINLEY AVE	\$0.00
Plumbing	Plumbing	05/08/2019	PP19-0236	1161 NASH AVE	\$0.00
Plumbing	Plumbing	05/08/2019	PP19-0237	1184 LEXINGTON PKWY	\$0.00
Plumbing	Plumbing	05/10/2019	PP19-0234	515 JAMES L HART PKWY	\$0.00
Plumbing	Plumbing	05/13/2019	PP19-0241	7231 BUNTON RD	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Plumbing	Plumbing	05/13/2019	PP19-0242	8849 NATALIE CT	\$0.00
Plumbing	Plumbing	05/13/2019	PP19-0243	9091 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	05/13/2019	PP19-0244	1166 RUE DEAUVILLE BLVD	\$0.00
Plumbing	Plumbing	05/14/2019	PP19-0245	1448 ANDREA ST	\$0.00
Plumbing	Plumbing	05/14/2019	PP19-0246	1246 LEFORGE RD N3	\$0.00
Plumbing	Plumbing	05/15/2019	PP19-0247	7835 LAKE CREST CT	\$0.00
Plumbing	Plumbing	05/16/2019	PP19-0248	748 JEROME AVE	\$0.00
Plumbing	Plumbing	05/16/2019	PP19-0249	5530 PINEVIEW DR	\$0.00
Plumbing	Plumbing	05/16/2019	PP19-0250	391 SENATE AVE	\$0.00
Plumbing	Plumbing	05/16/2019	PP19-0251	558 N HARRIS RD	\$0.00
Plumbing	Plumbing	05/17/2019	PP19-0238	7404 MAPLELAWN DR	\$0.00
Plumbing	Plumbing	05/17/2019	PP19-0239	9639 HEREFORD DR	\$0.00
Plumbing	Plumbing	05/20/2019	PP19-0253	5857 MUNGER RD	\$0.00
Plumbing	Plumbing	05/21/2019	PP19-0255	7267 HIDEAWAY DR	\$0.00
Plumbing	Plumbing	05/21/2019	PP19-0254	905 TYLER RD	\$0.00
Plumbing	Plumbing	05/22/2019	PP19-0256	7220 WARWICK DR	\$0.00
Plumbing	Plumbing	05/23/2019	PP19-0257	6568 W SUMMERDALE CIR	\$0.00
Plumbing	Plumbing	05/24/2019	PP19-0252	5516 NEW MEADOW DR	\$0.00
Plumbing	Plumbing	05/30/2019	PP19-0160	9951 JOAN CIR 168	\$0.00
Plumbing	Plumbing	05/30/2019	PP19-0165	9814 JULIE ST 229	\$0.00
Plumbing	Plumbing	05/30/2019	PP19-0164	9841 GERALDINE ST 241	\$0.00
Plumbing	Plumbing	06/03/2019	PP19-0262	799 GATES AVE	\$0.00
Plumbing	Plumbing	06/03/2019	PP19-0258	5703 PRINCETON PL	\$0.00
Plumbing	Plumbing	06/03/2019	PP19-0263	7129 ST ANDREWS DR	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0264	9163 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0265	9134 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0266	9241 WHITE TAIL DR	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0267	7922 LAKE CREST DR	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0268	8845 NATALIE CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0269	8875 NATALIE CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0270	8849 NATALIE CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0271	9091 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0272	9038 WHITE TAIL CT	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Plumbing	Plumbing	06/05/2019	PP19-0273	9150 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0274	9050 COUNTRY VIEW DR	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0275	9030 COUNTRY VIEW DR	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0277	801 CAMPBELL AVE - BLDG	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0276	755 CAMPBELL AVE - BLDG	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0278	760 CAMPBELL AVE - BLDG	\$0.00
Plumbing	Plumbing	06/05/2019	PP19-0279	800 CAMPBELL AVE	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0282	2734 BROOKLYN DR	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0283	2742 BROOKLYN DR	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0284	2750 BROOKLYN DR	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0285	2771 AMBASSADOR DR	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0286	2763 AMBASSADOR DR	\$0.00
Plumbing	Plumbing	06/06/2019	PP19-0287	1041 E FOREST	\$0.00
Plumbing	Plumbing	06/07/2019	PP19-0288	2851 E MICHIGAN AVE	\$0.00
Plumbing	Plumbing	06/07/2019	PP19-0261	1039 GAULT DR	\$0.00
Plumbing	Plumbing	06/10/2019	PP19-0280	2391 SUNNYGLEN AVE	\$0.00
Plumbing	Plumbing	06/10/2019	PP19-0281	7826 BUNTON RD	\$0.00
Plumbing	Plumbing	06/12/2019	PP19-0289	170 ELDER ST	\$0.00
Plumbing	Plumbing	06/13/2019	PP19-0290	2653 ELLSWORTH UNIT E	\$0.00
Plumbing	Plumbing	06/14/2019	PP19-0292	6352 JONQUIL LN	\$0.00
Plumbing	Plumbing	06/17/2019	PP19-0294	1985 CHEVROLET AVE	\$0.00
Plumbing	Plumbing	06/17/2019	PP19-0295	1958 MERRILL ST	\$0.00
Plumbing	Plumbing	06/17/2019	PP19-0296	9073 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/19/2019	PP19-0297	1062 RAMBLING RD	\$0.00
Plumbing	Plumbing	06/19/2019	PP19-0298	1288 ELMWOOD DR 44	\$0.00
Plumbing	Plumbing	06/21/2019	PP19-0299	1398 JEFFERY ST	\$0.00
Plumbing	Plumbing	06/21/2019	PP19-0302	9070 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/21/2019	PP19-0303	6540 STONY CREEK RD	\$0.00
Plumbing	Plumbing	06/21/2019	PP19-0291	5383 TEXTILE RD	\$0.00
Plumbing	Plumbing	06/21/2019	PP19-0260	1204 WOODGLEN AVE	\$0.00
Plumbing	Plumbing	06/24/2019	PP19-0304	594 EUGENE ST	\$0.00
Plumbing	Plumbing	06/24/2019	PP19-0305	9242 WHITE WING DR Bldg. #07	\$0.00
Plumbing	Plumbing	06/24/2019	PP19-0306	9242 WHITE WING DR Bldg. #19	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Plumbing	Plumbing	06/25/2019	PP19-0307	2280 COLONY WAY	\$0.00
Plumbing	Plumbing	06/25/2019	PP19-0308	2438 HEARTHSIDE DR	\$0.00
Plumbing	Plumbing	06/25/2019	PP19-0309	1444 S HARRIS RD	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0301	130 EDISON AVE	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0310	1783 MEADOW WOODS BLVD	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0311	1606 MEADOW WOODS BLVD	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0312	1820 MEADOW WOODS BLVD	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0313	1628 MEADOW WOODS BLVD	\$0.00
Plumbing	Plumbing	06/26/2019	PP19-0314	1806 MEADOW WOODS BLVD	\$0.00
Plumbing	Plumbing	06/27/2019	PP19-0315	8876 NATALIE CT	\$0.00
Plumbing	Plumbing	06/27/2019	PP19-0316	9145 WHITE TAIL CT	\$0.00
Plumbing	Plumbing	06/28/2019	PP19-0317	678 CAYUGA AVE	\$0.00
Plumbing	Res Alter/Repair	05/29/2019	PP19-0259	1103 DESOTO AVE	\$0.00
Sign	Com Sign	05/07/2019	PS19-0011	95 ECORSE RD	\$0.00
Sign	Com Sign	05/10/2019	PS19-0010	3020 WASHTENAW RD	\$0.00
Sign	Com Sign	06/19/2019	PS19-0012	8535 TEXTILE RD	\$2,000.00
Soil Erosion	Soil Erosion Residential	05/29/2019	PSE19-0008	6601 TUTTLE HILL RD	\$0.00
Zoning	Fence	05/01/2019	PZP19-0021	6614 ROBIN CT	\$0.00
Zoning	Fence	05/01/2019	PZP19-0018	7299 RACHEL DR	\$0.00
Zoning	Fence	05/03/2019	PZP19-0024	2335 MERRILL ST	\$0.00
Zoning	Fence	05/03/2019	PZP19-0011	6585 ENCHANTED DR	\$2,395.00
Zoning	Fence	05/08/2019	PZP19-0023	7436 DOVER DR	\$0.00
Zoning	Fence	05/08/2019	PZP19-0020	2506 BURNS ST	\$0.00
Zoning	Fence	05/10/2019	PZP19-0019	7300 WARWICK DR	\$4,686.00
Zoning	Fence	05/15/2019	PZP19-0028	95 GOLFVIEW DR	\$0.00
Zoning	Fence	05/15/2019	PZP19-0030	7330 WARWICK DR	\$0.00
Zoning	Fence	05/24/2019	PZP19-0027	7807 PLEASANT LN	\$0.00
Zoning	Fence	05/24/2019	PZP19-0033	7778 HAMPTON CT	\$0.00
Zoning	Fence	05/24/2019	PZP19-0031	7068 COLCHESTER LN	\$0.00
Zoning	Fence	06/13/2019	PZP19-0037	7020 AMBERLY WAY	\$0.00
Zoning	Fence	06/13/2019	PZP19-0036	7626 KENTON CT	\$0.00
Zoning	Fence	06/18/2019	PZP18-0031	8934 CREEKWAY DR	\$0.00
Zoning	Fence	06/20/2019	PZP19-0043	7905 RAMBLEWOOD ST	\$0.00

Permit Type	Category	Date Issued	Permit Number	Address Display String	Construction Value
Zoning	Fence	06/27/2019	PZP19-0041	7170 NATALIE DR	\$0.00
Zoning	Fence	06/27/2019	PZP19-0044	1361 WENDELL AVE	\$0.00
Zoning	Fence	06/27/2019	PZP19-0045	7633 PIONEER DR	\$0.00
Zoning	Fence	06/27/2019	PZP19-0042	8787 TRILLIUM DR	\$0.00
Zoning	Res Misc Concrete	05/16/2019	PZP19-0029	541 PINWOOD ST	\$0.00
Zoning	Res Misc Concrete	05/16/2019	PZP19-0025	7993 PEBBLESTONE DR	\$0.00
Zoning	Res Misc Concrete	06/18/2019	PZP19-0038	8825 CREEKWAY DR	\$6,000.00
					\$9,677,733.00

**CERTIFICATES OF OCCUPANCY ISSUED
MAY & JUNE 2019**

Address Display String	Name Issued To	C O Number	Date Temp Issued	Date Finaled
2124 BOMBER AVE	BURGARD, PETER	OF19-0055		06/17/2019
2780 PACKARD RD	CEI ASSOCIATES, LLC	OT19-0031	06/28/2019	
1114 HUNTER AVE	CHIWESHE, BARBARA	OF19-0041		05/23/2019
1290 ANNA J STEPP	DEMCO 58 LLC	OF19-0034		05/10/2019
7179 COLCHESTER LN	EVANS, DARYL	OF19-0057		05/23/2019
102 WIARD RD	GATLIN, MARTHA	OF19-0056		06/18/2019
1571 RUSSELL ST	HABITAT FOR HUMANITY - HURON VALLEY	OF19-0048		06/12/2019
558 N HARRIS RD	HABITAT FOR HUMANITY - HURON VALLEY	OF19-0046		06/10/2019
991 DAVIS ST	HABITAT FOR HUMANITY - HURON VALLEY	OF19-0047		06/12/2019
1347 JAMES L HART PKWY	JMDH REAL ESTATE OF YPSILANTI, LLC	OF19-0054		06/17/2019
9102 WHITE TAIL CT	LOMBARDO HOMES OF SE MICHIGAN	OF19-0062		06/27/2019
9182 WHITE TAIL CT	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0052		06/12/2019
9208 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0051		06/12/2019
9217 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0050		06/12/2019
9218 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0058		06/24/2019
9229 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0049		06/12/2019
9229 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OT19-0030	06/05/2019	
9253 WHITE TAIL DR	LOMBARDO HOMES OF SE MICHIGAN, LLC	OF19-0059		06/24/2019
1275 S HURON ST (MARRIOTT MFS YPSILANTI HOLDING , LLC		OF19-0036		05/15/2019
9242 WHITE WING DR Bldg. # NAUTICA POINTE ONE, LLC		OF19-0053		06/14/2019
9242 WHITE WING DR Bldg. # NAUTICA POINTE ONE, LLC		OF19-0044		05/30/2019
7212 NATALIE DR	SE MICHIGAN DEVELOPMENT LLC	OF19-0060		06/25/2019
8820 NATALIE CT	SE MICHIGAN DEVELOPMENT LLC	OF19-0061		06/25/2019
8898 CREEKWAY DR	SE MICHIGAN DEVELOPMENT LLC	OF19-0039		05/24/2019
8951 CREEKWAY DR	SE MICHIGAN DEVELOPMENT LLC	OF19-0040		05/24/2019
8982 CREEKWAY DR	SE MICHIGAN DEVELOPMENT LLC	OF19-0035		05/16/2019

**RENTAL HOUSING CERTIFICATIONS
MAY & JUNE 2019**

Cert Type	Cert Number	Date Issued	Address Display String
Multi-Family Rental Inspection	CMFR-18-0535	05/28/2019	922 HOLMES RD BLDG 922
Multi-Family Rental Inspection	CMFR-18-0536	05/28/2019	922 HOLMES RD BLDG 924
Multi-Family Rental Inspection	CMFR-18-0537	05/28/2019	922 HOLMES RD BLDG 926
Multi-Family Rental Inspection	CMFR-18-0538	05/28/2019	922 HOLMES RD BLDG 930
Multi-Family Rental Inspection	CMFR-18-0539	05/28/2019	922 HOLMES RD BLDG 932
Multi-Family Rental Inspection	CMFR-18-0540	05/28/2019	922 HOLMES RD BLDG 934
Multi-Family Rental Inspection	CMFR-18-0541	05/28/2019	922 HOLMES RD BLDG 940
Multi-Family Rental Inspection	CMFR-18-0542	05/28/2019	922 HOLMES RD BLDG 942
Multi-Family Rental Inspection	CMFR-18-0543	05/28/2019	922 HOLMES RD BLDG 944
Multi-Family Rental Inspection	CMFR-18-0544	05/28/2019	922 HOLMES RD BLDG 948
Multi-Family Rental Inspection	CMFR-18-0545	05/28/2019	922 HOLMES RD BLDG 950
Multi-Family Rental Inspection	CMFR-18-0586	05/17/2019	2960 INTERNATIONAL DR BLDG 12
Multi-Family Rental Inspection	CMFR-18-0590	05/17/2019	2960 INTERNATIONAL DR BLDG 16
Multi-Family Rental Inspection	CMFR-18-0592	05/17/2019	2960 INTERNATIONAL DR BLDG 18
Multi-Family Rental Inspection	CMFR-18-0596	05/17/2019	2960 INTERNATIONAL DR BLDG 22
Multi-Family Rental Inspection	CMFR-18-0614	05/28/2019	922 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0615	05/28/2019	922 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0616	05/28/2019	922 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0617	05/28/2019	922 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0618	05/28/2019	922 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0619	05/28/2019	922 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0620	05/28/2019	924 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0621	05/28/2019	924 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0622	05/28/2019	924 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0623	05/28/2019	924 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0624	05/28/2019	924 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0625	05/28/2019	924 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0626	05/28/2019	926 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0627	05/28/2019	926 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0628	05/28/2019	926 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0629	05/28/2019	926 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0630	05/28/2019	926 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0631	05/28/2019	926 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0632	05/28/2019	930 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0633	05/28/2019	930 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0634	05/28/2019	930 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0635	05/28/2019	930 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0636	05/28/2019	930 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0637	05/28/2019	930 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0638	05/28/2019	932 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0639	05/28/2019	932 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0640	05/28/2019	932 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0641	05/28/2019	932 HOLMES RD 5

Cert Type	Cert Number	Date Issued	Address Display String
Multi-Family Rental Inspection	CMFR-18-0642	05/28/2019	932 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0643	05/28/2019	934 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0644	05/28/2019	934 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0645	05/28/2019	934 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0647	05/28/2019	934 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0650	05/28/2019	940 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0651	05/28/2019	940 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0652	05/28/2019	940 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0653	05/28/2019	940 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0655	05/28/2019	942 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0656	05/28/2019	942 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0657	05/28/2019	942 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0658	05/28/2019	942 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0659	05/28/2019	942 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0660	05/28/2019	942 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0661	05/28/2019	944 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0662	05/28/2019	944 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0663	05/28/2019	944 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0664	05/28/2019	944 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0665	05/28/2019	944 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0666	05/28/2019	944 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0667	05/28/2019	948 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0668	05/28/2019	948 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0669	05/28/2019	948 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0670	05/28/2019	948 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0675	05/28/2019	950 HOLMES RD 1
Multi-Family Rental Inspection	CMFR-18-0676	05/28/2019	950 HOLMES RD 2
Multi-Family Rental Inspection	CMFR-18-0677	05/28/2019	950 HOLMES RD 3
Multi-Family Rental Inspection	CMFR-18-0678	05/28/2019	950 HOLMES RD 4
Multi-Family Rental Inspection	CMFR-18-0679	05/28/2019	950 HOLMES RD 5
Multi-Family Rental Inspection	CMFR-18-0680	05/28/2019	950 HOLMES RD 6
Multi-Family Rental Inspection	CMFR-18-0691	05/28/2019	950 HOLMES RD 8
Multi-Family Rental Inspection	CMFR-18-0692	05/28/2019	950 HOLMES RD 7
Multi-Family Rental Inspection	CMFR-18-0696	05/21/2019	8990 BROOKWOOD AVE BLDG 1-MECH
Multi-Family Rental Inspection	CMFR-18-0697	05/21/2019	8990 BROOKWOOD AVE BLDG 2-MECH
Multi-Family Rental Inspection	CMFR-18-0698	05/21/2019	8990 BROOKWOOD AVE BLDG 3-MECH
Multi-Family Rental Inspection	CMFR-18-0699	05/21/2019	8990 BROOKWOOD AVE BLDG 4-MECH
Multi-Family Rental Inspection	CMFR-18-0700	05/21/2019	8990 BROOKWOOD AVE BLDG 5-MECH
Multi-Family Rental Inspection	CMFR-18-0701	05/21/2019	8990 BROOKWOOD AVE BLDG 6-MECH
Multi-Family Rental Inspection	CMFR-18-0726	05/17/2019	1236 RUSSELL ST
Multi-Family Rental Inspection	CMFR-18-0728	05/20/2019	117 RUSSELL CT
Multi-Family Rental Inspection	CMFR-18-0729	05/20/2019	199 RUSSELL CT
Multi-Family Rental Inspection	CMFR-18-0730	05/09/2019	206 S HEWITT RD Laundry
Multi-Family Rental Inspection	CMFR-18-0731	05/17/2019	1304 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CMFR-18-0732	05/20/2019	155 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CMFR-19-0439	05/17/2019	55 RUSSELL BLVD

Cert Type	Cert Number	Date Issued	Address Display String
Multi-Family Rental Inspection	CMFR-19-0458	06/03/2019	1709 TIMBER RDG
Multi-Family Rental Inspection	CMFR-19-0648	06/10/2019	2500 LAKESHORE BLVD BLDG 1
Multi-Family Rental Inspection	CMFR-19-0649	05/14/2019	2500 LAKESHORE BLVD BLDG 2
Multi-Family Rental Inspection	CMFR-19-0650	06/10/2019	2500 LAKESHORE BLVD BLDG 3
Multi-Family Rental Inspection	CMFR-19-0651	06/10/2019	2500 LAKESHORE BLVD BLDG 4
Multi-Family Rental Inspection	CMFR-19-0652	06/10/2019	2500 LAKESHORE BLVD BLDG 5
Multi-Family Rental Inspection	CMFR-19-0653	06/10/2019	2500 LAKESHORE BLVD BLDG 6
Multi-Family Rental Inspection	CMFR-19-0654	05/14/2019	2500 LAKESHORE BLVD BLDG 7
Multi-Family Rental Inspection	CMFR-19-0655	06/10/2019	2500 LAKESHORE BLVD BLDG 8
Multi-Family Rental Inspection	CMFR-19-0656	05/14/2019	2500 LAKESHORE BLVD BLDG 9
Multi-Family Rental Inspection	CMFR-19-0657	06/10/2019	2500 LAKESHORE BLVD BLDG 10
Multi-Family Rental Inspection	CMFR-19-0658	05/14/2019	2500 LAKESHORE BLVD BLDG 11
Multi-Family Rental Inspection	CMFR-19-0659	06/10/2019	2500 LAKESHORE BLVD BLDG 12
Multi-Family Rental Inspection	CMFR-19-0660	05/14/2019	2500 LAKESHORE BLVD BLDG 13
Multi-Family Rental Inspection	CMFR-19-0661	06/10/2019	2500 LAKESHORE BLVD BLDG 14
Multi-Family Rental Inspection	CMFR-19-0662	06/10/2019	2500 LAKESHORE BLVD BLDG 15
Multi-Family Rental Inspection	CMFR-19-0663	06/10/2019	2500 LAKESHORE BLVD BLDG 16
Multi-Family Rental Inspection	CMFR-19-0664	05/14/2019	2500 LAKESHORE BLVD BLDG 37
Multi-Family Rental Inspection	CMFR-19-0665	05/14/2019	2500 LAKESHORE BLVD BLDG 38
Multi-Family Rental Inspection	CMFR-19-0666	06/10/2019	2500 LAKESHORE BLVD BLDG 39
Multi-Family Rental Inspection	CMFR-19-0667	05/14/2019	2500 LAKESHORE BLVD BLDG 40
Multi-Family Rental Inspection	CMFR-19-0668	06/10/2019	2500 LAKESHORE BLVD BLDG 17
Multi-Family Rental Inspection	CMFR-19-0669	05/14/2019	2500 LAKESHORE BLVD BLDG 18
Multi-Family Rental Inspection	CMFR-19-0670	06/10/2019	2500 LAKESHORE BLVD BLDG 20
Multi-Family Rental Inspection	CMFR-19-0671	05/14/2019	2500 LAKESHORE BLVD BLDG 19
Multi-Family Rental Inspection	CMFR-19-0672	06/10/2019	2500 LAKESHORE BLVD BLDG 22
Multi-Family Rental Inspection	CMFR-19-0674	05/14/2019	2500 LAKESHORE BLVD BLDG 21
Multi-Family Rental Inspection	CMFR-19-0675	06/10/2019	2500 LAKESHORE BLVD BLDG 25
Multi-Family Rental Inspection	CMFR-19-0676	05/14/2019	2500 LAKESHORE BLVD BLDG 24
Multi-Family Rental Inspection	CMFR-19-0677	05/14/2019	2500 LAKESHORE BLVD BLDG 26
Multi-Family Rental Inspection	CMFR-19-0678	05/14/2019	2500 LAKESHORE BLVD BLDG 28
Multi-Family Rental Inspection	CMFR-19-0679	05/14/2019	2500 LAKESHORE BLVD BLDG 27
Multi-Family Rental Inspection	CMFR-19-0681	06/10/2019	2500 LAKESHORE BLVD BLDG 29
Multi-Family Rental Inspection	CMFR-19-0682	05/14/2019	2500 LAKESHORE BLVD BLDG 32
Multi-Family Rental Inspection	CMFR-19-0685	05/14/2019	2500 LAKESHORE BLVD BLDG 35
Multi-Family Rental Inspection	CMFR-19-0686	05/14/2019	2500 LAKESHORE BLVD BLDG 36
Multi-Family Rental Inspection	CMFR-19-0687	06/10/2019	2500 LAKESHORE BLVD BLDG 33
Multi-Family Rental Inspection	CR3617-0572	05/13/2019	790 CAMPBELL AVE #20
Multi-Family Rental Inspection	CR3617-0583	06/21/2019	760 CAMPBELL AVE #6
Multi-Family Rental Inspection	CR3617-0584	06/21/2019	760 CAMPBELL AVE #7
Multi-Family Rental Inspection	CR3617-0585	06/21/2019	760 CAMPBELL AVE #8
Multi-Family Rental Inspection	CR3617-0590	05/13/2019	760 CAMPBELL AVE #13
Multi-Family Rental Inspection	CR3617-0591	06/21/2019	755 CAMPBELL AVE #11
Multi-Family Rental Inspection	CR3617-0592	06/21/2019	755 CAMPBELL AVE #12
Multi-Family Rental Inspection	CR3617-0594	06/21/2019	755 CAMPBELL AVE #14
Multi-Family Rental Inspection	CR3617-0595	06/21/2019	755 CAMPBELL AVE #15

Cert Type	Cert Number	Date Issued	Address Display String
Multi-Family Rental Inspection	CR3617-2806	05/17/2019	202 S HARRIS RD
Multi-Family Rental Inspection	CR3617-2808	05/17/2019	208 S HARRIS RD
Multi-Family Rental Inspection	CR3617-2809	05/17/2019	210 S HARRIS RD
Multi-Family Rental Inspection	CR3617-2811	05/17/2019	1374 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2813	05/17/2019	1378 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2815	05/17/2019	1382 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2816	05/17/2019	1384 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2817	05/17/2019	1360 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2818	05/17/2019	1362 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2820	05/17/2019	1366 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2821	05/17/2019	1368 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2822	05/17/2019	1370 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2823	05/17/2019	1330 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2825	05/17/2019	1334 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2826	05/17/2019	1336 RUSSELL ST LAUNDRY
Multi-Family Rental Inspection	CR3617-2827	05/17/2019	1338 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2828	05/17/2019	1340 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2829	05/17/2019	1342 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2830	05/17/2019	1344 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2831	05/17/2019	1346 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2832	05/17/2019	1348 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2834	05/17/2019	1352 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2842	06/25/2019	1339 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2843	05/17/2019	1341 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2844	05/17/2019	1343 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2845	05/17/2019	1345 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2846	05/17/2019	1347 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2849	05/17/2019	1353 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2850	05/17/2019	1300 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2851	05/17/2019	1302 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2852	05/17/2019	1306 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2854	05/17/2019	1312 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2855	05/17/2019	1314 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2856	05/17/2019	1316 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2858	05/17/2019	1320 RUSSELL ST LAUNDRY
Multi-Family Rental Inspection	CR3617-2859	05/17/2019	1322 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2860	05/17/2019	1324 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2861	05/17/2019	1326 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2862	05/28/2019	1250 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2864	05/17/2019	1254 RUSSELL ST LAUNDRY
Multi-Family Rental Inspection	CR3617-2865	05/17/2019	1256 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2866	05/17/2019	1258 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2867	05/17/2019	1260 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2869	05/17/2019	1238 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2870	05/17/2019	1240 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2873	05/17/2019	1220 RUSSELL ST

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Multi-Family Rental Inspection	CR3617-2874	05/17/2019	1222 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2875	05/17/2019	1224 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2880	05/17/2019	1208 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2882	05/17/2019	1212 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2884	05/17/2019	1216 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2886	05/17/2019	1207 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2887	05/17/2019	1209 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2888	05/17/2019	1211 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-2890	05/17/2019	1215 RUSSELL ST
Multi-Family Rental Inspection	CR3617-2892	05/20/2019	176 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-2893	05/20/2019	176 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2896	05/20/2019	182 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2897	05/20/2019	184 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2898	05/20/2019	186 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2900	05/20/2019	166 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2901	05/20/2019	168 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2902	05/20/2019	170 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2904	05/20/2019	174 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2905	05/20/2019	140 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2906	05/20/2019	142 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2908	05/20/2019	146 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2912	06/25/2019	130 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2913	05/17/2019	132 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2914	05/17/2019	134 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2915	05/17/2019	136 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2916	05/20/2019	138 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2917	05/17/2019	102 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2918	05/17/2019	104 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2920	05/17/2019	108 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2922	05/17/2019	112 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2923	05/17/2019	90 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2924	05/17/2019	92 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2925	05/17/2019	94 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2926	06/25/2019	96 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2928	05/17/2019	100 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2929	05/17/2019	78 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2932	05/17/2019	84 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2934	05/17/2019	88 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2935	05/17/2019	57 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2937	05/17/2019	61 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2938	05/17/2019	63 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2940	05/17/2019	67 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2942	05/17/2019	71 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2943	05/17/2019	73 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2944	05/17/2019	75 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2946	05/17/2019	79 RUSSELL BLVD

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Multi-Family Rental Inspection	CR3617-2947	05/17/2019	81 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2948	05/17/2019	83 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2949	05/17/2019	85 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2951	05/17/2019	89 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2952	05/17/2019	91 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2953	05/17/2019	93 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2954	05/17/2019	95 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2955	05/17/2019	97 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2956	05/17/2019	99 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2957	05/17/2019	101 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2960	06/25/2019	107 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2961	05/17/2019	109 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2963	05/17/2019	115 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2965	05/17/2019	119 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2967	05/17/2019	123 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2968	05/17/2019	125 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2969	05/17/2019	127 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2970	05/17/2019	129 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2973	05/17/2019	135 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2974	05/17/2019	137 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2978	05/20/2019	145 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2981	05/20/2019	151 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2982	05/20/2019	153 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2983	05/20/2019	155 RUSSELL CT
Multi-Family Rental Inspection	CR3617-2984	05/20/2019	157 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2985	05/20/2019	159 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2986	05/20/2019	161 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2987	05/20/2019	163 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2989	05/20/2019	167 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2991	05/20/2019	171 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2992	05/20/2019	173 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-2994	05/20/2019	177 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2995	05/20/2019	179 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2996	05/20/2019	181 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-2999	05/28/2019	187 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-3001	06/25/2019	191 RUSSELL BLVD LAUNDRY
Multi-Family Rental Inspection	CR3617-3002	05/28/2019	193 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-3004	05/28/2019	197 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-3005	05/28/2019	199 RUSSELL BLVD
Multi-Family Rental Inspection	CR3617-3007	05/28/2019	1233 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3008	05/28/2019	1235 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3010	05/17/2019	1239 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-3011	05/17/2019	1241 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3014	05/17/2019	1247 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3016	05/17/2019	1267 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3017	05/17/2019	1269 RUSSELL ST

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Multi-Family Rental Inspection	CR3617-3019	05/17/2019	1273 RUSSELL ST LAUNDRY
Multi-Family Rental Inspection	CR3617-3020	05/17/2019	1275 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3021	05/17/2019	1277 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3022	05/17/2019	1279 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3023	05/20/2019	184 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3027	05/20/2019	192 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3028	05/28/2019	194 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3030	05/20/2019	198 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3031	05/20/2019	168 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3032	05/20/2019	170 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3033	06/25/2019	172 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3034	05/20/2019	174 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3035	05/20/2019	178 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3036	05/20/2019	180 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3038	05/20/2019	152 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3041	05/20/2019	158 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3042	05/20/2019	160 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3043	05/20/2019	162 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3044	05/20/2019	164 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3045	05/20/2019	166 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3047	05/20/2019	138 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3049	05/20/2019	142 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3050	05/20/2019	144 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3053	05/20/2019	150 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3054	05/20/2019	120 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3055	05/20/2019	122 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3056	05/20/2019	124 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3058	05/20/2019	128 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3059	05/20/2019	130 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3062	05/20/2019	104 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3063	05/20/2019	106 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3064	05/20/2019	108 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3066	05/20/2019	112 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3067	05/20/2019	114 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3069	05/20/2019	118 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3070	05/20/2019	88 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3071	05/20/2019	90 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3072	05/20/2019	92 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3074	05/20/2019	96 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3075	05/20/2019	98 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3079	05/20/2019	74 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3080	05/20/2019	76 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3081	05/20/2019	78 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3082	05/20/2019	80 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3085	05/20/2019	86 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3086	05/20/2019	73 RUSSELL CT

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Multi-Family Rental Inspection	CR3617-3087	05/20/2019	75 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3088	05/20/2019	77 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3089	05/20/2019	79 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3090	05/20/2019	81 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3091	05/20/2019	83 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3094	05/20/2019	89 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3095	05/20/2019	91 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3096	05/20/2019	93 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3097	05/20/2019	95 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3099	05/20/2019	99 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3100	05/20/2019	101 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3101	05/20/2019	103 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3102	05/20/2019	105 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3103	05/20/2019	107 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3105	05/20/2019	111 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3108	05/20/2019	119 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3109	05/20/2019	121 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3111	05/20/2019	125 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3112	05/20/2019	127 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3113	05/20/2019	129 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3115	05/20/2019	133 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3118	05/20/2019	139 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3120	05/20/2019	143 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3121	05/20/2019	145 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3122	06/25/2019	147 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3123	05/20/2019	149 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3124	05/20/2019	151 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3128	05/20/2019	161 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3130	05/20/2019	165 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3131	05/20/2019	167 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3132	05/20/2019	169 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3133	05/20/2019	171 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3134	05/20/2019	173 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3135	05/20/2019	175 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3136	05/20/2019	177 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3137	05/20/2019	179 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3138	05/20/2019	181 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3140	05/20/2019	185 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3141	05/20/2019	187 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3142	05/20/2019	189 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3143	05/20/2019	191 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3144	05/20/2019	193 RUSSELL CT LAUNDRY
Multi-Family Rental Inspection	CR3617-3145	06/25/2019	195 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3146	06/25/2019	197 RUSSELL CT
Multi-Family Rental Inspection	CR3617-3147	05/17/2019	1317 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3148	06/25/2019	1319 RUSSELL ST

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Multi-Family Rental Inspection	CR3617-3151	05/17/2019	1325 RUSSELL LAUNDRY
Multi-Family Rental Inspection	CR3617-3152	05/17/2019	1327 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3153	06/25/2019	1329 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3154	05/17/2019	1331 RUSSELL ST
Multi-Family Rental Inspection	CR3617-3298	05/21/2019	100 S HEWITT RD 102
Multi-Family Rental Inspection	CR3617-3299	05/21/2019	100 S HEWITT RD 103
Multi-Family Rental Inspection	CR3617-3301	05/21/2019	100 S HEWITT RD 201
Multi-Family Rental Inspection	CR3617-3302	05/21/2019	100 S HEWITT RD 202
Multi-Family Rental Inspection	CR3617-3303	05/21/2019	100 S HEWITT RD 203
Multi-Family Rental Inspection	CR3617-3304	05/21/2019	100 S HEWITT RD 204
Multi-Family Rental Inspection	CR3617-3307	05/21/2019	100 S HEWITT RD 303
Multi-Family Rental Inspection	CR3617-3382	05/21/2019	8936 BROOKWOOD AVE 102
Multi-Family Rental Inspection	CR3617-3383	05/21/2019	8936 BROOKWOOD AVE 201
Multi-Family Rental Inspection	CR3617-3463	05/21/2019	230 S HEWITT RD 101
Multi-Family Rental Inspection	CR3617-3465	05/21/2019	230 S HEWITT RD 104
Multi-Family Rental Inspection	CR3617-3466	05/21/2019	230 S HEWITT RD 201
Multi-Family Rental Inspection	CR3617-3468	05/21/2019	230 S HEWITT RD 203
Multi-Family Rental Inspection	CR3617-3554	05/22/2019	2344 ELLSWORTH RD 103
Multi-Family Rental Inspection	CR3617-7128	05/23/2019	8753 SPINNAKER WAY BLDG 10
Multi-Family Rental Inspection	CR3617-7130	05/23/2019	8753 SPINNAKER WAY BLDG 12
Multi-Family Rental Inspection	CR3617-7131	05/23/2019	8753 SPINNAKER WAY BLDG 13
Multi-Family Rental Inspection	CR3617-7138	05/23/2019	8753 SPINNAKER WAY BLDG 8
Multi-Family Rental Inspection	CR3617-7139	05/23/2019	8753 SPINNAKER WAY BLDG 9
Rental 24	CR24-17-1017	06/06/2019	1031 EVELYN AVE
Rental 24	CSFR-18-0425	06/24/2019	1154 OAK ST
Rental 24	CSFR-18-0484	05/09/2019	1500 FOLEY AVE
Rental 24	CSFR-18-0564	05/22/2019	7780 WHITTAKER RD
Rental 24	CSFR-18-0601	05/29/2019	835 AUBURNDALE AVE
Rental 24	CSFR-18-0644	06/26/2019	7601 HENLEY DR
Rental 24	CSFR-18-0716	06/04/2019	1115 HAWTHORNE AVE #1
Rental 24	CSFR-18-0744	05/01/2019	554 NASH AVE
Rental 24	CSFR-18-0776	05/17/2019	1115 NASH AVE
Rental 24	CSFR-18-0807	05/09/2019	5475 HIGH RIDGE DR
Rental 24	CSFR-18-0810	06/05/2019	2938 PRESCOTT
Rental 24	CSFR-18-0811	06/05/2019	2944 PRESCOTT
Rental 24	CSFR-18-0812	06/05/2019	2962 PRESCOTT
Rental 24	CSFR-18-0813	06/05/2019	2923 PRESCOTT
Rental 24	CSFR-18-0814	06/05/2019	2935 PRESCOTT
Rental 24	CSFR-18-0815	06/05/2019	2950 PRESCOTT
Rental 24	CSFR-18-0816	06/05/2019	2956 PRESCOTT
Rental 24	CSFR-18-0817	06/05/2019	2968 PRESCOTT
Rental 24	CSFR-18-0818	06/05/2019	2971 PRESCOTT
Rental 24	CSFR-18-0820	06/05/2019	3052 PRESCOTT
Rental 24	CSFR-18-0822	06/05/2019	3103 PRESCOTT
Rental 24	CSFR-18-0824	06/05/2019	3127 PRESCOTT
Rental 24	CSFR-18-0825	06/05/2019	2943 MONTROSE

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Rental 24	CSFR-18-0827	06/05/2019	2925 MONTROSE
Rental 24	CSFR-18-0828	06/05/2019	2937 MONTROSE
Rental 24	CSFR-18-0831	06/05/2019	3053 MONTROSE
Rental 24	CSFR-18-0847	06/11/2019	7045 TEXTILE RD
Rental 24	CSFR-18-0865	05/14/2019	125 OUTER LN
Rental 24	CSFR-18-0869	05/20/2019	2228 STATE ST
Rental 24	CSFR-18-0884	05/13/2019	1768 HEATHERRIDGE ST
Rental 24	CSFR-18-0885	05/01/2019	599 GLENWOOD AVE
Rental 24	CSFR-18-0889	05/07/2019	5270 SCHOONER COVE BLVD
Rental 24	CSFR-18-0892	05/06/2019	740 EUGENE ST
Rental 24	CSFR-18-0903	05/07/2019	1389 CANDLEWOOD LN
Rental 24	CSFR-18-0905	05/02/2019	1110 REDLEAF LN
Rental 24	CSFR-18-0913	05/09/2019	2500 HOLMES RD 404
Rental 24	CSFR-18-0916	05/21/2019	2500 HOLMES RD 513
Rental 24	CSFR-18-0918	05/14/2019	7263 HOMESTEAD RD
Rental 24	CSFR-18-0937	06/25/2019	511 EUGENE ST
Rental 24	CSFR-18-0941	05/07/2019	538 KANSAS AVE
Rental 24	CSFR-18-0944	05/20/2019	435 E GRAND BLVD
Rental 24	CSFR-18-0946	05/23/2019	429 S HARRIS RD
Rental 24	CSFR-18-0951	05/14/2019	601 WOODLAWN AVE
Rental 24	CSFR-18-0952	05/06/2019	845 DEBBY CT
Rental 24	CSFR-18-0957	06/10/2019	2240 HOLMES RD
Rental 24	CSFR-18-0959	05/01/2019	9681 BAYVIEW DR # 216
Rental 24	CSFR-18-0962	05/14/2019	568 S REDWOOD AVE
Rental 24	CSFR-18-0964	05/29/2019	2057 CRITTENDON AVE
Rental 24	CSFR-18-0972	06/04/2019	601 GILL ST
Rental 24	CSFR-18-0973	06/07/2019	1179 SHARE AVE
Rental 24	CSFR-18-0979	06/21/2019	247 S HARRIS RD
Rental 24	CSFR-18-0984	05/06/2019	2229 DAVID AVE
Rental 24	CSFR-18-0987	06/04/2019	1454 BYRON AVE
Rental 24	CSFR-18-0999	06/03/2019	531 HUDSON ST
Rental 24	CSFR-18-1003	06/11/2019	1715 SMITH ST
Rental 24	CSFR-18-1007	06/19/2019	1138 LEVONA ST
Rental 24	CSFR-18-1008	06/19/2019	590 WOODLAWN AVE
Rental 24	CSFR-18-1009	06/19/2019	925 N TERRACE LN
Rental 24	CSFR-19-0004	06/04/2019	2886 APPLERIDGE ST
Rental 24	CSFR-19-0006	06/04/2019	1370 CANDLEWOOD LN
Rental 24	CSFR-19-0007	05/20/2019	799 HOLMES RD #1
Rental 24	CSFR-19-0017	06/13/2019	538 GREENLAWN ST
Rental 24	CSFR-19-0019	06/19/2019	1077 LESTER AVE
Rental 24	CSFR-19-0020	05/16/2019	1268 DAVIS ST
Rental 24	CSFR-19-0021	06/27/2019	1352 DAVIS ST
Rental 24	CSFR-19-0022	05/07/2019	1326 DAVIS ST
Rental 24	CSFR-19-0023	05/20/2019	511 HUDSON ST
Rental 24	CSFR-19-0024	06/17/2019	1104 S HARRIS RD
Rental 24	CSFR-19-0025	05/28/2019	1441 BLOSSOM AVE

Cert Type	Cert Number	Date Issued	Address Display String
Rental 24	CSFR-19-0026	06/04/2019	1324 BLOSSOM AVE
Rental 24	CSFR-19-0032	06/10/2019	1574 RUSSELL ST
Rental 24	CSFR-19-0036	05/17/2019	1437 RUE WILLETTE BLVD
Rental 24	CSFR-19-0038	05/10/2019	6869 TEXTILE RD
Rental 24	CSFR-19-0041	05/20/2019	1223 E FOREST AVE
Rental 24	CSFR-19-0043	05/23/2019	64 OREGON ST
Rental 24	CSFR-19-0047	05/10/2019	571 HAYES ST
Rental 24	CSFR-19-0055	06/27/2019	658 CAMPBELL AVE
Rental 24	CSFR-19-0060	06/10/2019	1146 HAWTHORNE AVE
Rental 24	CSFR-19-0062	05/16/2019	1063 JUNEAU RD
Rental 24	CSFR-19-0065	06/06/2019	1073 LEVONA ST
Rental 24	CSFR-19-0073	05/14/2019	1727 LYNN CT
Rental 24	CSFR-19-0074	05/20/2019	1585 MOLLIE ST
Rental 24	CSFR-19-0075	06/14/2019	813 NASH AVE
Rental 24	CSFR-19-0076	05/31/2019	980 NASH AVE
Rental 24	CSFR-19-0079	05/23/2019	1401 HARRY ST
Rental 24	CSFR-19-0081	06/21/2019	1298 LESTER AVE
Rental 24	CSFR-19-0084	05/09/2019	1020 HULL AVE
Rental 24	CSFR-19-0085	05/08/2019	5678 NEW MEADOW DR
Rental 24	CSFR-19-0086	05/13/2019	6023 S MOHAWK AVE
Rental 24	CSFR-19-0090	05/06/2019	1669 CONWAY ST
Rental 24	CSFR-19-0092	05/14/2019	340 WOODLAWN AVE
Rental 24	CSFR-19-0093	06/04/2019	503 HOLMES RD
Rental 24	CSFR-19-0096	05/14/2019	1039 PARKWOOD AVE
Rental 24	CSFR-19-0098	05/20/2019	755 N REDWOOD AVE
Rental 24	CSFR-19-0104	05/09/2019	3028 ROUNDTREE BLVD
Rental 24	CSFR-19-0110	06/19/2019	6265 MAPLEVIEW LN
Rental 24	CSFR-19-0113	05/07/2019	941 TYLER RD
Rental 24	CSFR-19-0116	05/14/2019	1120 E CLARK RD
Rental 24	CSFR-19-0117	05/07/2019	606 ONANDAGA AVE
Rental 24	CSFR-19-0118	05/14/2019	574 ONANDAGA AVE
Rental 24	CSFR-19-0119	05/29/2019	1838 CAROL ANN AVE
Rental 24	CSFR-19-0126	05/31/2019	1725 SMITH ST
Rental 24	CSFR-19-0130	06/19/2019	9695 BAYVIEW DR # 317
Rental 24	CSFR-19-0134	05/23/2019	2880 APPLERIDGE ST
Rental 24	CSFR-19-0135	05/23/2019	1312 BLOSSOM AVE
Rental 24	CSFR-19-0136	06/04/2019	1406 BUD AVE
Rental 24	CSFR-19-0141	05/07/2019	1120 S HARRIS RD
Rental 24	CSFR-19-0142	06/20/2019	9667 BAYVIEW DR # 313
Rental 24	CSFR-19-0143	05/29/2019	9683 HARBOUR COVE CT
Rental 24	CSFR-19-0145	06/04/2019	79 ALLEN RD
Rental 24	CSFR-19-0147	06/10/2019	746 ALLEN RD
Rental 24	CSFR-19-0148	05/14/2019	749 JEROME AVE
Rental 24	CSFR-19-0149	06/10/2019	874 N HARRIS RD
Rental 24	CSFR-19-0150	05/02/2019	1184 E FOREST AVE
Rental 24	CSFR-19-0152	06/07/2019	1670 HOLMES RD

Cert Type	Cert Number	Date Issued	Address Display String
Rental 24	CSFR-19-0153	05/10/2019	586 N HARRIS RD
Rental 24	CSFR-19-0154	06/03/2019	422 CAMPBELL AVE
Rental 24	CSFR-19-0156	05/16/2019	466 HAYES ST
Rental 24	CSFR-19-0157	06/07/2019	459 HAYES ST
Rental 24	CSFR-19-0160	06/21/2019	1520 ECORSE RD
Rental 24	CSFR-19-0161	05/09/2019	617 ROSEWOOD AVE
Rental 24	CSFR-19-0168	05/31/2019	1132 STUDEBAKER AVE
Rental 24	CSFR-19-0169	05/06/2019	141 OAKLAWN AVE
Rental 24	CSFR-19-0175	05/01/2019	674 CAMPBELL AVE
Rental 24	CSFR-19-0183	06/06/2019	9539 LAKESIDE DR
Rental 24	CSFR-19-0206	06/13/2019	119 FAIRHILLS DR
Rental 24	CSFR-19-0207	05/20/2019	2419 CARRIAGE WAY
Rental 24	CSFR-19-0209	05/03/2019	2265 BURNS ST
Rental 24	CSFR-19-0212	06/11/2019	1979 S PASADENA ST
Rental 24	CSFR-19-0213	05/23/2019	2031 HARMON ST
Rental 24	CSFR-19-0218	06/21/2019	7249 WARWICK DR
Rental 24	CSFR-19-0227	06/18/2019	7162 BELLE MEADE CT
Rental 24	CSFR-19-0228	06/07/2019	1366 ANDREA ST
Rental 24	CSFR-19-0233	05/20/2019	2846 NORTHLAWN AVE
Rental 24	CSFR-19-0236	06/20/2019	890 NASH AVE
Rental 24	CSFR-19-0240	06/10/2019	1425 HARRY ST
Rental 24	CSFR-19-0242	05/30/2019	1726 LYNN CT
Rental 24	CSFR-19-0247	06/04/2019	351 KANSAS AVE
Rental 24	CSFR-19-0255	05/28/2019	2364 BROOKTREE CT
Rental 24	CSFR-19-0259	06/03/2019	1493 E CHATEAU VERT ST APT D
Rental 24	CSFR-19-0262	06/17/2019	774 E GRAND BLVD
Rental 24	CSFR-19-0263	05/20/2019	824 E GRAND BLVD
Rental 24	CSFR-19-0272	06/24/2019	46 DEVONSHIRE RD
Rental 24	CSFR-19-0274	06/27/2019	1335 NASH AVE
Rental 24	CSFR-19-0275	06/26/2019	923 NASH AVE
Rental 24	CSFR-19-0276	06/26/2019	1215 NASH AVE
Rental 24	CSFR-19-0280	06/13/2019	1466 WINGATE BLVD
Rental 24	CSFR-19-0282	06/19/2019	31 GREENSIDE ST
Rental 24	CSFR-19-0283	06/26/2019	9611 HARBOUR COVE CT
Rental 24	CSFR-19-0285	05/13/2019	7478 CARLTON DR
Rental 24	CSFR-19-0287	06/21/2019	1157 EVELYN AVE
Rental 24	CSFR-19-0288	06/13/2019	1330 JAY AVE
Rental 24	CSFR-19-0289	06/11/2019	1217 LESTER AVE
Rental 24	CSFR-19-0290	06/10/2019	1395 BYRON AVE
Rental 24	CSFR-19-0291	06/24/2019	1377 HUNTER AVE
Rental 24	CSFR-19-0294	06/26/2019	1735 EMERSON AVE
Rental 24	CSFR-19-0295	05/20/2019	1991 S PASADENA ST
Rental 24	CSFR-19-0303	05/10/2019	425 HAYES ST
Rental 24	CSFR-19-0307	06/13/2019	1130 MAPLEWOOD AVE
Rental 24	CSFR-19-0310	06/05/2019	550 KANSAS AVE
Rental 24	CSFR-19-0314	06/28/2019	7031 BERWICK CT

Cert Type	Cert Number	Date Issued	Address Display String
Rental 24	CSFR-19-0318	06/10/2019	6097 S IVANHOE AVE
Rental 24	CSFR-19-0323	05/28/2019	1413 MELVIN ST
Rental 24	CSFR-19-0327	06/26/2019	1378 HARRY ST
Rental 24	CSFR-19-0331	06/26/2019	1659 FOLEY AVE
Rental 24	CSFR-19-0332	05/31/2019	1111 LORI ST
Rental 24	CSFR-19-0333	05/09/2019	1603 WINGATE BLVD
Rental 24	CSFR-19-0334	06/21/2019	467 BOSTON ST
Rental 24	CSFR-19-0336	05/30/2019	512 DUPONT AVE
Rental 24	CSFR-19-0338	06/28/2019	2391 BRIARDALE CT
Rental 24	CSFR-19-0342	05/20/2019	644 NASH AVE
Rental 24	CSFR-19-0343	05/14/2019	770 EUGENE ST
Rental 24	CSFR-19-0366	05/13/2019	2024 HARDING AVE
Rental 24	CSFR-19-0417	06/04/2019	1507 GROVE RD
Rental 24	CSFR-19-0425	06/27/2019	124 ALLEN RD
Rental 24	CSFR-19-0428	06/11/2019	1267 DAVIS ST
Rental 24	CSFR-19-0443	06/10/2019	1695 WINGATE BLVD
Rental 24	CSFR-19-0456	06/24/2019	819 YOUNG ST
Rental 24	CSFR-19-0787	06/05/2019	1653 DOROTHY ST

**NEW VACANT BLDG CERTIFICATES
APRIL 2019**

Cert Type	Cert Number	Date Applied	Address Display String
Vacant Commercial Building	CVC-19-0025	05/22/2019	2349 WASHTENAW RD
Vacant Commercial Building	CVC-19-0023	05/14/2019	1631 E MICHIGAN AVE
Vacant Commercial Building	CVC-19-0024	05/15/2019	2111 RAWSONVILLE RD
Vacant Residential	CVR-19-0047	05/21/2019	620 KANSAS AVE
Vacant Residential	CVR-19-0046	05/01/2019	5940 ELLIS RD
Vacant Residential	CVR-19-0048	05/28/2019	823 TYLER RD
Vacant Residential	CVR-19-0049	06/03/2019	7366 MAPLELAWN DR
Vacant Residential	CVR-19-0050	06/05/2019	2164 WOODALE AVE
Vacant Residential	CVR-19-0051	06/05/2019	5276 TEXTILE RD
Vacant Residential	CVR-19-0052	06/05/2019	1282 WARNER ST
Vacant Residential	CVR-19-0053	06/05/2019	664 N IVANHOE AVE
Vacant Residential	CVR-19-0054	06/05/2019	2309 GROVE RD
Vacant Residential	CVR-19-0055	06/05/2019	1419 BYRON AVE
Vacant Residential	CVR-19-0056	06/05/2019	1128 WENDELL AVE
Vacant Residential	CVR-19-0057	06/05/2019	1158 FALL RIVER RD
Vacant Residential	CVR-19-0058	06/05/2019	1775 HOLMES
Vacant Residential	CVR-19-0059	06/05/2019	861 HAWTHORNE AVE
Vacant Residential	CVR-19-0060	06/05/2019	544 OAKLAWN AVE
Vacant Residential	CVR-19-0061	06/05/2019	1746 HEATHERRIDGE ST
Vacant Residential	CVR-19-0062	06/05/2019	178 OREGON ST
Vacant Residential	CVR-19-0063	06/05/2019	579 ONANDAGA AVE
Vacant Residential	CVR-19-0064	06/05/2019	543 DESOTO AVE
Vacant Residential	CVR-19-0065	06/10/2019	1061 STUDEBAKER AVE
Vacant Residential	CVR-19-0066	06/12/2019	1326 RAMBLING RD
Vacant Residential	CVR-19-0067	06/18/2019	533 LYNNE AVE

**OTHER ORDINANCE CERTIFICATES ISSUED
MAY & JUNE 2019**

Cert Type	Cert Number	Date Issued	Address Display String	Name Occupant
Business Registration	CBR-18-0370	06/28/2019	2069 GOLFSIDE	SNS MEDIA
Business Registration	CBR-19-0012	05/24/2019	874 GROVE	ZION WELL
Junk Yard License	CJY-19-0003	06/03/2019	2280 E MICHIGAN AVE	AAA PARTS LLC
Junk Yard License	CJY-19-0006	06/17/2019	2574 STATE ST	A-1 AUTO SALVAGE & SCRAP, LLC
Liquor	CLQ-19-0001	05/07/2019	2851 E MICHIGAN AVE	
Liquor	CLQ-19-0003	05/06/2019	2935 HOLMES RD	FRATERNAL ORDER OF EAGLES
Liquor	CLQ-19-0007	05/07/2019	1828 WHITTAKER RD Aki Sushi	AKI SUSHI BAR
Liquor	CLQ-19-0008	05/24/2019	1926 WHITTAKER LaFuente RD BLDG C	
Liquor	CLQ-19-0011	05/21/2019	2122 WHITTAKER Aubrees Pizza BLDG J	
Liquor	CLQ-19-0012	05/07/2019	216 JAMES L HART PKWY	BUFFALO WILD WINGS
Liquor	CLQ-19-0014	06/12/2019	1275 S HURON ST (CORP ED CTR)	E M U
Liquor	CLQ-19-0016	05/13/2019	2283 ELLSWORTH RD	
Liquor	CLQ-19-0017	05/07/2019	2203 ELLSWORTH RD	
Liquor	CLQ-19-0018	05/15/2019	2955 PACKARD RD	WASHTENAW ACQUISITION LLC

**NEW CODE ENFORCEMENT CASES FILED
MAY & JUNE 2019**

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1205	Vegetation	05/21/2019	APPLERIDGE AREA	2718 APPLERIDGE ST
EN19-1937	Vegetation	06/26/2019	APPLERIDGE AREA	2718 APPLERIDGE ST
EN19-1637	Vegetation	06/08/2019	APPLERIDGE AREA	2721 APPLERIDGE ST
EN19-1635	Vegetation	06/08/2019	APPLERIDGE AREA	2777 APPLERIDGE ST
EN19-1942	Solid Waste	06/26/2019	APPLERIDGE AREA	2826 APPLERIDGE ST
EN19-1242	Assist Attorney	05/23/2019	APPLERIDGE AREA	2850 APPLERIDGE ST
EN19-0864	Property Maintenance	05/07/2019	APPLERIDGE AREA	2937 MONTROSE
EN19-0873	Property Maintenance	05/08/2019	APPLERIDGE AREA	2649 PEACHCREST ST
EN19-1595	Multiple	06/07/2019	APPLERIDGE AREA	2714 PEACHCREST ST
EN19-1597	Vegetation	06/07/2019	APPLERIDGE AREA	2765 PEACHCREST ST
EN19-0804	Property Maintenance	05/02/2019	APPLERIDGE AREA	3103 PRESCOTT
EN19-1625	Vegetation	06/08/2019	APPLERIDGE AREA	1236 RIDGE RD
EN19-1636	Vegetation	06/08/2019	APPLERIDGE AREA	2607 WOODRUFF LN
EN19-1201	Vegetation	05/21/2019	APPLERIDGE AREA	2761 WOODRUFF LN
EN19-1627	Vegetation	06/08/2019	APPLERIDGE AREA	2761 WOODRUFF LN
EN19-1203	Vegetation	05/21/2019	APPLERIDGE AREA	2783 WOODRUFF LN
EN19-0938	Vegetation	05/09/2019	BUD/BLOSSOM AREA	1312 BLOSSOM AVE
EN19-0977	Vegetation	05/10/2019	BUD/BLOSSOM AREA	1312 BLOSSOM AVE
EN19-0923	Vegetation	05/09/2019	BUD/BLOSSOM AREA	1313 BLOSSOM AVE
EN19-0842	Multiple	05/06/2019	BUD/BLOSSOM AREA	1318 BLOSSOM AVE
EN19-1375	Solid Waste	05/30/2019	BUD/BLOSSOM AREA	1318 BLOSSOM AVE
EN19-1767	Vegetation	06/17/2019	BUD/BLOSSOM AREA	1318 BLOSSOM AVE
EN19-1837	Parking	06/21/2019	BUD/BLOSSOM AREA	1318 BLOSSOM AVE
EN19-1961	Vegetation	06/27/2019	BUD/BLOSSOM AREA	1318 BLOSSOM AVE
EN19-0881	Solid Waste	05/08/2019	BUD/BLOSSOM AREA	1335 BLOSSOM AVE
EN19-1831	Solid Waste	06/21/2019	BUD/BLOSSOM AREA	1335 BLOSSOM AVE
EN19-0884	Vegetation	05/08/2019	BUD/BLOSSOM AREA	1411 BLOSSOM AVE
EN19-1886	Vegetation	06/24/2019	BUD/BLOSSOM AREA	1411 BLOSSOM AVE
EN19-0893	Vegetation	05/08/2019	BUD/BLOSSOM AREA	1422 BLOSSOM AVE
EN19-1964	Vegetation	06/27/2019	BUD/BLOSSOM AREA	1422 BLOSSOM AVE
EN19-0798	Solid Waste	05/01/2019	BUD/BLOSSOM AREA	1434 BLOSSOM AVE
EN19-1371	Solid Waste	05/30/2019	BUD/BLOSSOM AREA	1434 BLOSSOM AVE
EN19-1963	Multiple	06/27/2019	BUD/BLOSSOM AREA	1434 BLOSSOM AVE
EN19-1400	Vegetation	05/31/2019	BUD/BLOSSOM AREA	1440 BLOSSOM AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1965	Solid Waste	06/27/2019	BUD/BLOSSOM AREA	1441 BLOSSOM AVE
EN19-1398	Vegetation	05/31/2019	BUD/BLOSSOM AREA	1450 BLOSSOM AVE
EN19-1833	Vegetation	06/21/2019	BUD/BLOSSOM AREA	1464 BLOSSOM AVE
EN19-1834	Vegetation	06/21/2019	BUD/BLOSSOM AREA	1476 BLOSSOM AVE
EN19-1079	Vegetation	05/15/2019	BUD/BLOSSOM AREA	1482 BLOSSOM AVE
EN19-1405	Vegetation	05/31/2019	BUD/BLOSSOM AREA	1482 BLOSSOM AVE
EN19-1078	Vegetation	05/15/2019	BUD/BLOSSOM AREA	1485 BLOSSOM AVE
EN19-1830	Solid Waste	06/21/2019	BUD/BLOSSOM AREA	1485 BLOSSOM AVE
EN19-0896	Vegetation	05/08/2019	BUD/BLOSSOM AREA	1405 BUD AVE
EN19-1907	Multiple	06/25/2019	BUD/BLOSSOM AREA	1414 BUD AVE
EN19-1075	Property Maintenance	05/15/2019	BUD/BLOSSOM AREA	1430 BUD AVE
EN19-1080	Vegetation	05/15/2019	BUD/BLOSSOM AREA	1446 BUD AVE
EN19-1832	Vegetation	06/21/2019	BUD/BLOSSOM AREA	1453 BUD AVE
EN19-0885	Vegetation	05/08/2019	BUD/BLOSSOM AREA	1454 BUD AVE
EN19-0886	Vegetation	05/08/2019	BUD/BLOSSOM AREA	1462 BUD AVE
EN19-1403	Vegetation	05/31/2019	BUD/BLOSSOM AREA	1470 BUD AVE
EN19-1900	Property Maintenance	06/25/2019	CHESTNUT LAKE APARTMENTS	1282 ELMWOOD DR 47
EN19-1160	Vegetation	05/17/2019	CREEKSIDE SOUTH AREA	8887 MEADOW LN
EN19-1162	Vegetation	05/17/2019	CREEKSIDE SOUTH AREA	7306 MERIDIAN DR
EN19-1417	Vegetation	06/03/2019	CREEKSIDE SOUTH AREA	7306 MERIDIAN DR
EN19-0824	Pre-Permit Inspection	05/03/2019	CREEKSIDE SOUTH AREA	7316 NATALIE DR
EN19-1206	Vegetation	05/21/2019	GAULT VILLAGE AREA	1329 BORGSTROM AVE
EN19-1214	Vegetation	05/21/2019	GAULT VILLAGE AREA	1377 BORGSTROM AVE
EN19-1787	Vegetation	06/18/2019	GAULT VILLAGE AREA	1211 CLARITA ST
EN19-1790	Vegetation	06/19/2019	GAULT VILLAGE AREA	1221 CLARITA ST
EN19-1679	Solid Waste	06/11/2019	GAULT VILLAGE AREA	1231 CLARITA ST
EN19-1701	Vegetation	06/12/2019	GAULT VILLAGE AREA	1231 CLARITA ST
EN19-1878	Solid Waste	06/24/2019	GAULT VILLAGE AREA	1231 CLARITA ST
EN19-1703	Vegetation	06/12/2019	GAULT VILLAGE AREA	1241 CLARITA ST
EN19-1083	Solid Waste	05/15/2019	GAULT VILLAGE AREA	1032 EVELYN AVE
EN19-1797	Vegetation	06/19/2019	GAULT VILLAGE AREA	1109 EVELYN AVE
EN19-1935	Multiple	06/26/2019	GAULT VILLAGE AREA	1430 EVELYN AVE
EN19-1913	Multiple	06/25/2019	GAULT VILLAGE AREA	1450 EVELYN AVE
EN19-1176	Vegetation	05/20/2019	GAULT VILLAGE AREA	1219 GAULT DR
EN19-1712		06/12/2019	GAULT VILLAGE AREA	1061 GEORGINA DR
EN19-1414	Zoning	06/03/2019	GAULT VILLAGE AREA	1084 GEORGINA DR
EN19-1339	Vegetation	05/28/2019	GAULT VILLAGE AREA	833 GROVE RD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1340	Vegetation	05/28/2019	GAULT VILLAGE AREA	837 GROVE RD
EN19-1343	Vegetation	05/28/2019	GAULT VILLAGE AREA	845 GROVE RD
EN19-1338	Vegetation	05/28/2019	GAULT VILLAGE AREA	853 GROVE RD
EN19-1120	Vegetation	05/16/2019	GAULT VILLAGE AREA	1047 GROVE RD
EN19-1437	Parking	06/04/2019	GAULT VILLAGE AREA	1063 GROVE RD
EN19-1538	Vegetation	06/06/2019	GAULT VILLAGE AREA	1160 GROVE RD
EN19-1710	Zoning	06/12/2019	GAULT VILLAGE AREA	1160 GROVE RD
EN19-1714	Vegetation	06/12/2019	GAULT VILLAGE AREA	1160 GROVE RD
EN19-1980	Zoning	06/28/2019	GAULT VILLAGE AREA	1160 GROVE RD
EN19-1634	Vegetation	06/08/2019	GAULT VILLAGE AREA	1104 S HARRIS RD
EN19-0932	Vegetation	05/09/2019	GAULT VILLAGE AREA	1136 S HARRIS RD
EN19-0946	Vegetation	05/09/2019	GAULT VILLAGE AREA	1248 S HARRIS RD
EN19-1503	Vegetation	06/05/2019	GAULT VILLAGE AREA	1256 S HARRIS RD
EN19-0942	Vegetation	05/09/2019	GAULT VILLAGE AREA	1474 S HARRIS RD
EN19-1118	Multiple	05/16/2019	GAULT VILLAGE AREA	1580 S HARRIS RD
EN19-1516	Vegetation	06/05/2019	GAULT VILLAGE AREA	1234 HULL AVE
EN19-0937	Vegetation	05/09/2019	GAULT VILLAGE AREA	1048 JANET AVE
EN19-0874	Zoning	05/08/2019	GAULT VILLAGE AREA	1052 JANET AVE
EN19-0929	Vegetation	05/09/2019	GAULT VILLAGE AREA	1052 JANET AVE
EN19-1012	Multiple	05/13/2019	GAULT VILLAGE AREA	1052 JANET AVE
EN19-1026	Vegetation	05/13/2019	GAULT VILLAGE AREA	1052 JANET AVE
EN19-0924	Vegetation	05/09/2019	GAULT VILLAGE AREA	1081 JANET AVE
EN19-0939	Vegetation	05/09/2019	GAULT VILLAGE AREA	1087 JANET AVE
EN19-1131	Vegetation	05/16/2019	GAULT VILLAGE AREA	1096 JANET AVE
EN19-1132	Blight	05/16/2019	GAULT VILLAGE AREA	1096 JANET AVE
EN19-1556	Vegetation	06/06/2019	GAULT VILLAGE AREA	1096 JANET AVE
EN19-1918	Vegetation	06/25/2019	GAULT VILLAGE AREA	1096 JANET AVE
EN19-1984	Vegetation	06/28/2019	GAULT VILLAGE AREA	1354 JAY AVE
EN19-1774	Multiple	06/18/2019	GAULT VILLAGE AREA	1361 JAY AVE
EN19-0852	Vegetation	05/06/2019	GAULT VILLAGE AREA	1550 JAY AVE
EN19-0859	Vegetation	05/06/2019	GAULT VILLAGE AREA	1570 JAY AVE
EN19-1126	Parking	05/16/2019	GAULT VILLAGE AREA	1064 JUNEAU RD
EN19-0855	Multiple	05/06/2019	GAULT VILLAGE AREA	1075 JUNEAU RD
EN19-1960	Property Maintenance - Motor Vehicle	06/27/2019	GAULT VILLAGE AREA	1106 JUNEAU RD
EN19-1791	Vegetation	06/19/2019	GAULT VILLAGE AREA	1071 LESTER AVE
EN19-1800	Vegetation	06/19/2019	GAULT VILLAGE AREA	1077 LESTER AVE
EN19-1431	Multiple	06/03/2019	GAULT VILLAGE AREA	1148 LESTER AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1434	Property Maintenance	06/04/2019	GAULT VILLAGE AREA	1197 LESTER AVE
EN19-1402	Vegetation	05/31/2019	GAULT VILLAGE AREA	1023 LEVONA ST
EN19-1399	Vegetation	05/31/2019	GAULT VILLAGE AREA	1061 LEVONA ST
EN19-1512	Solid Waste	06/05/2019	GAULT VILLAGE AREA	1072 LEVONA ST
EN19-1067	Vegetation	05/15/2019	GAULT VILLAGE AREA	1084 LEVONA ST
EN19-1517	Solid Waste	06/05/2019	GAULT VILLAGE AREA	1103 LEVONA ST
EN19-1404	Vegetation	05/31/2019	GAULT VILLAGE AREA	1127 LEVONA ST
EN19-1903	Solid Waste	06/25/2019	GAULT VILLAGE AREA	1358 LEVONA ST
EN19-1908	Solid Waste	06/25/2019	GAULT VILLAGE AREA	1448 LEVONA ST
EN19-1909	Solid Waste	06/25/2019	GAULT VILLAGE AREA	1460 LEVONA ST
EN19-1642	Solid Waste	06/10/2019	GAULT VILLAGE AREA	1510 LEVONA ST
EN19-1775	Solid Waste	06/18/2019	GAULT VILLAGE AREA	1188 RUTH AVE
EN19-1235	Vegetation	05/22/2019	GAULT VILLAGE AREA	1144 SHARE AVE
EN19-1798	Vegetation	06/19/2019	GAULT VILLAGE AREA	1160 SHIRLEY DR
EN19-1920	Solid Waste	06/25/2019	GAULT VILLAGE AREA	1211 SHIRLEY DR
EN19-1697	Multiple	06/12/2019	GAULT VILLAGE AREA	1282 SHIRLEY DR
EN19-1894	Vegetation	06/25/2019	GAULT VILLAGE AREA	1335 SHIRLEY DR
EN19-0808	Property Maintenance	05/02/2019	HARBOUR COVE CONDOS	9683 HARBOUR COVE CT
EN19-1883	Vegetation	06/24/2019	HEWITT ROAD AREA	1927 BURNS ST
EN19-1930	Zoning	06/26/2019	HEWITT ROAD AREA	2422 BURNS ST
EN19-0800	Solid Waste	05/01/2019	HEWITT ROAD AREA	2484 CARRIAGE CT
EN19-0926	Vegetation	05/09/2019	HEWITT ROAD AREA	169 CARRIAGE WAY
EN19-0799	Solid Waste	05/01/2019	HEWITT ROAD AREA	203 CARRIAGE WAY
EN19-0935	Property Maintenance - Motor Vehicle	05/09/2019	HEWITT ROAD AREA	2419 CARRIAGE WAY
EN19-0947	Vegetation	05/09/2019	HEWITT ROAD AREA	2422 CARRIAGE WAY
EN19-1258	Vegetation	05/23/2019	HEWITT ROAD AREA	2435 CARRIAGE WAY
EN19-1718	Property Maintenance	06/13/2019	HEWITT ROAD AREA	63 N CLUBVIEW DR
EN19-0812	Solid Waste	05/02/2019	HEWITT ROAD AREA	324 N CLUBVIEW DR
EN19-1144	Vegetation	05/17/2019	HEWITT ROAD AREA	370 N CLUBVIEW DR
EN19-1091	Vegetation	05/15/2019	HEWITT ROAD AREA	255 S CLUBVIEW DR
EN19-1063	Vegetation	05/15/2019	HEWITT ROAD AREA	2361 DRAPER AVE
EN19-1661	Property Maintenance - Motor Vehicle	06/10/2019	HEWITT ROAD AREA	2443 DRAPER AVE
EN19-1228	Vegetation	05/22/2019	HEWITT ROAD AREA	2450 DRAPER AVE
EN19-1825	Property Maintenance - Motor Vehicle	06/20/2019	HEWITT ROAD AREA	324 EDISON AVE
EN19-1100	Blight	05/15/2019	HEWITT ROAD AREA	266 ELMHURST ST
EN19-1101	Vegetation	05/15/2019	HEWITT ROAD AREA	135 FAIRHILLS DR
EN19-1097	Vegetation	05/15/2019	HEWITT ROAD AREA	183 FAIRHILLS DR

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1407	Property Maintenance - Motor Vehicle	05/31/2019	HEWITT ROAD AREA	31 GREENSIDE ST
EN19-1707	Multiple	06/12/2019	HEWITT ROAD AREA	2059 HARDING AVE
EN19-1708	Property Maintenance - Motor Vehicle	06/12/2019	HEWITT ROAD AREA	2067 HARDING AVE
EN19-1810	Vegetation	06/19/2019	HEWITT ROAD AREA	2417 HARDING AVE
EN19-1262	Solid Waste	05/23/2019	HEWITT ROAD AREA	2433 HARDING AVE
EN19-1028	Solid Waste	05/13/2019	HEWITT ROAD AREA	211 N HEWITT RD
EN19-1892	Vegetation	06/24/2019	HEWITT ROAD AREA	271 N HEWITT RD
EN19-1016	Property Maintenance	05/13/2019	HEWITT ROAD AREA	339 N HEWITT RD
EN19-0914	Solid Waste	05/09/2019	HEWITT ROAD AREA	2192 MERRILL ST
EN19-1926	Vegetation	06/26/2019	HEWITT ROAD AREA	1942 MIDVALE ST
EN19-1102	Property Maintenance - Motor Vehicle	05/15/2019	HEWITT ROAD AREA	2245 MIDVALE ST
EN19-1766	Assist Other Agency	06/17/2019	HEWITT ROAD AREA	2454 MIDVALE ST
EN19-1103	Vegetation	05/15/2019	HEWITT ROAD AREA	264 NURA CT
EN19-1257	Vegetation	05/23/2019	HEWITT ROAD AREA	2631 PACKARD RD
EN19-1099	Vegetation	05/15/2019	HEWITT ROAD AREA	1845 PEYTON DR
EN19-1711	Vegetation	06/12/2019	HEWITT ROAD AREA	1845 PEYTON DR
EN19-0801	Vegetation	05/01/2019	HEWITT ROAD AREA	2426 ROANOAKE DR
EN19-1092	Parking	05/15/2019	HEWITT ROAD AREA	375 SENATE AVE
EN19-1709	Property Maintenance - Motor Vehicle	06/12/2019	HEWITT ROAD AREA	17 VALLEY DR
EN19-1713	Vegetation	06/12/2019	HEWITT ROAD AREA	17 VALLEY DR
EN19-1412	Vegetation	06/03/2019	HEWITT ROAD AREA	235 VALLEY DR
EN19-1869	Vegetation	06/24/2019	HEWITT ROAD AREA	235 VALLEY DR
EN19-1291	Vegetation	05/24/2019	HEWITT ROAD AREA	2406 VALLEY DR
EN19-1069	Vegetation	05/15/2019	HOLMES ROAD AREA	1220 CANDLEWOOD LN
EN19-1074	Vegetation	05/15/2019	HOLMES ROAD AREA	1230 CANDLEWOOD LN
EN19-1723	Multiple	06/13/2019	HOLMES ROAD AREA	1230 CANDLEWOOD LN
EN19-1390	Vegetation	05/31/2019	HOLMES ROAD AREA	1251 CANDLEWOOD LN
EN19-1236	Vegetation	05/22/2019	HOLMES ROAD AREA	1320 CANDLEWOOD LN
EN19-1950	Property Maintenance	06/26/2019	HOLMES ROAD AREA	1320 CANDLEWOOD LN
EN19-1952	Vacant Residential House Investigation	06/26/2019	HOLMES ROAD AREA	1320 CANDLEWOOD LN
EN19-1394	Vegetation	05/31/2019	HOLMES ROAD AREA	1349 CANDLEWOOD LN
EN19-1813	Vegetation	06/19/2019	HOLMES ROAD AREA	1399 CANDLEWOOD LN
EN19-1072	Vegetation	05/15/2019	HOLMES ROAD AREA	1411 CANDLEWOOD LN
EN19-1359	Vegetation	05/29/2019	HOLMES ROAD AREA	564 E CLARK RD
EN19-1509	Vegetation	06/05/2019	HOLMES ROAD AREA	1120 E CLARK RD
EN19-1393	Vegetation	05/31/2019	HOLMES ROAD AREA	1548 E CLARK RD
EN19-1873	Property Maintenance	06/24/2019	HOLMES ROAD AREA	1600 E CLARK RD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1633	Property Maintenance	06/08/2019	HOLMES ROAD AREA	1243 COMMONWEALTH AVE
EN19-1285	Vegetation	05/24/2019	HOLMES ROAD AREA	1285 COMMONWEALTH AVE
EN19-1858	Vegetation	06/21/2019	HOLMES ROAD AREA	1285 COMMONWEALTH AVE
EN19-1848	Solid Waste	06/21/2019	HOLMES ROAD AREA	1302 COMMONWEALTH AVE
EN19-1857	Solid Waste	06/21/2019	HOLMES ROAD AREA	1302 COMMONWEALTH AVE
EN19-1925	Property Maintenance	06/25/2019	HOLMES ROAD AREA	1325 COMMONWEALTH AVE
EN19-0913	Vacant Residential House Investigation	05/09/2019	HOLMES ROAD AREA	1440 DELAWARE AVE
EN19-1202	Multiple	05/21/2019	HOLMES ROAD AREA	1440 DELAWARE AVE
EN19-1220	Vegetation	05/21/2019	HOLMES ROAD AREA	1158 FALL RIVER RD
EN19-1233	Vegetation	05/22/2019	HOLMES ROAD AREA	1278 FALL RIVER RD
EN19-1639	Vegetation	06/08/2019	HOLMES ROAD AREA	1298 FALL RIVER RD
EN19-1727	Solid Waste	06/13/2019	HOLMES ROAD AREA	1298 FALL RIVER RD
EN19-1626	Vegetation	06/08/2019	HOLMES ROAD AREA	1299 FALL RIVER RD
EN19-1161	Vegetation	05/17/2019	HOLMES ROAD AREA	505 HOLMES RD
EN19-1822	Property Maintenance	06/20/2019	HOLMES ROAD AREA	855 HOLMES RD
EN19-1698	Property Maintenance	06/12/2019	HOLMES ROAD AREA	1049 HOLMES RD
EN19-1191	Blight	05/21/2019	HOLMES ROAD AREA	942 HUNTER AVE
EN19-1507	Blight	06/05/2019	HOLMES ROAD AREA	942 HUNTER AVE
EN19-1356	Vegetation	05/29/2019	HOLMES ROAD AREA	1114 HUNTER AVE
EN19-1844	Vegetation	06/21/2019	HOLMES ROAD AREA	1188 HUNTER AVE
EN19-1843	Vegetation	06/21/2019	HOLMES ROAD AREA	1200 HUNTER AVE
EN19-1846	Solid Waste	06/21/2019	HOLMES ROAD AREA	1225 HUNTER AVE
EN19-1847	Vegetation	06/21/2019	HOLMES ROAD AREA	1239 HUNTER AVE
EN19-1077	Property Maintenance	05/15/2019	HOLMES ROAD AREA	1222 LAUREL AVE
EN19-0860	Zoning	05/07/2019	HOLMES ROAD AREA	1143 LAUREL CT
EN19-0862	Commercial Vehicles	05/07/2019	HOLMES ROAD AREA	1143 LAUREL CT
EN19-1045	Multiple	05/14/2019	HOLMES ROAD AREA	1143 LAUREL CT
EN19-1508	Blight	06/05/2019	HOLMES ROAD AREA	1143 LAUREL CT
EN19-1133	Vegetation	05/16/2019	HOLMES ROAD AREA	1122 LEXINGTON PKWY
EN19-1129	Vegetation	05/16/2019	HOLMES ROAD AREA	1134 LEXINGTON PKWY
EN19-1125	Vegetation	05/16/2019	HOLMES ROAD AREA	1140 LEXINGTON PKWY
EN19-1419	Vegetation	06/03/2019	HOLMES ROAD AREA	1184 LEXINGTON PKWY
EN19-1128	Vegetation	05/16/2019	HOLMES ROAD AREA	1213 LEXINGTON PKWY
EN19-1432	Vegetation	06/03/2019	HOLMES ROAD AREA	1252 PAGEANT AVE
EN19-1337	Vegetation	05/28/2019	HOLMES ROAD AREA	1180 RAMBLING RD
EN19-1643	Vegetation	06/10/2019	HOLMES ROAD AREA	1180 RAMBLING RD
EN19-1765	Vegetation	06/17/2019	HOLMES ROAD AREA	1180 RAMBLING RD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-0822	Multiple	05/03/2019	HOLMES ROAD AREA	1181 RAMBLING RD
EN19-1330	Vegetation	05/28/2019	HOLMES ROAD AREA	1241 RAMBLING RD
EN19-1310	Vegetation	05/28/2019	HOLMES ROAD AREA	1032 REDLEAF LN
EN19-1089	Vegetation	05/15/2019	HOLMES ROAD AREA	1072 REDLEAF LN
EN19-1084	Vegetation	05/15/2019	HOLMES ROAD AREA	1100 REDLEAF LN
EN19-1090	Multiple	05/15/2019	HOLMES ROAD AREA	1117 REDLEAF LN
EN19-1658	Basketball Hoop	06/10/2019	HOLMES ROAD AREA	1117 REDLEAF LN
EN19-1764	Basketball Hoop	06/17/2019	HOLMES ROAD AREA	1117 REDLEAF LN
EN19-1313	Blight	05/28/2019	HOLMES ROAD AREA	1201 REDLEAF LN
EN19-1306	Multiple	05/28/2019	HOLMES ROAD AREA	1210 REDLEAF LN
EN19-1446	Vegetation	06/04/2019	HOLMES ROAD AREA	1230 REDLEAF LN
EN19-1312	Property Maintenance	05/28/2019	HOLMES ROAD AREA	1231 REDLEAF LN
EN19-0828	Vegetation	05/06/2019	HOLMES ROAD AREA	1240 REDLEAF LN
EN19-1036	Vegetation	05/13/2019	HOLMES ROAD AREA	1240 REDLEAF LN
EN19-1169	Blight - Fire	05/20/2019	HOLMES ROAD AREA	1310 REDLEAF LN
EN19-1632	Vegetation	06/08/2019	HOLMES ROAD AREA	1359 REDLEAF LN
EN19-0863	Multiple	05/07/2019	HOLMES ROAD AREA	912 N RIVER ST
EN19-1245	Vacant Residential House Investigation	05/23/2019	HOLMES ROAD AREA	942 N RIVER ST
EN19-1646	Blight	06/10/2019	HOLMES ROAD AREA	945 RUE DEAUVILLE BLVD
EN19-1259	Solid Waste	05/23/2019	HOLMES ROAD AREA	1281 RUE DEAUVILLE BLVD
EN19-1256	Vegetation	05/23/2019	HOLMES ROAD AREA	1354 RUE DEAUVILLE BLVD
EN19-1369	Vacant Residential House Investigation	05/30/2019	HOLMES ROAD AREA	1354 RUE DEAUVILLE BLVD
EN19-1137	Vegetation	05/16/2019	HOLMES ROAD AREA	989 RUE WILLETTE BLVD
EN19-1828	Vacant Residential House Investigation	06/21/2019	HOLMES ROAD AREA	989 RUE WILLETTE BLVD
EN19-1260	Vegetation	05/23/2019	HOLMES ROAD AREA	1479 RUE WILLETTE BLVD
EN19-1823	Vegetation	06/20/2019	HOLMES ROAD AREA	945 SWEET RD
EN19-1951	Parking	06/26/2019	HOLMES ROAD AREA	1176 WENDELL AVE
EN19-1358	Vegetation	05/29/2019	HOLMES ROAD AREA	1215 WENDELL AVE
EN19-1640	Vegetation	06/08/2019	HOLMES ROAD AREA	1300 WENDELL AVE
EN19-1624	Property Maintenance	06/08/2019	HOLMES ROAD AREA	1312 WENDELL AVE
EN19-1631	Vegetation	06/08/2019	HOLMES ROAD AREA	1331 WENDELL AVE
EN19-1443	Assist General	06/04/2019	LAKEVIEW AREA	2714 AMBASSADOR DR
EN19-1742	Vegetation	06/14/2019	LAKEVIEW AREA	2113 BOMBER AVE
EN19-1741	Vegetation	06/14/2019	LAKEVIEW AREA	2119 BOMBER AVE
EN19-0978	Drainage Complaints	05/10/2019	LAKEVIEW AREA	2124 BOMBER AVE
EN19-1744	Vegetation	06/14/2019	LAKEVIEW AREA	2124 BOMBER AVE
EN19-0928	Multiple	05/09/2019	LAKEVIEW AREA	2063 BRADLEY AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-0954	Multiple	05/09/2019	LAKEVIEW AREA	2067 BRADLEY AVE
EN19-0936	Multiple	05/09/2019	LAKEVIEW AREA	2072 BRADLEY AVE
EN19-1219	Vegetation	05/21/2019	LAKEVIEW AREA	2078 BRADLEY AVE
EN19-1264	Solid Waste	05/23/2019	LAKEVIEW AREA	2078 BRADLEY AVE
EN19-0948	Vegetation	05/09/2019	LAKEVIEW AREA	2083 BRADLEY AVE
EN19-0952	Vegetation	05/09/2019	LAKEVIEW AREA	2120 BRADLEY AVE
EN19-0922	Vegetation	05/09/2019	LAKEVIEW AREA	2137 BRADLEY AVE
EN19-1018	Vegetation	05/13/2019	LAKEVIEW AREA	2171 BRADLEY AVE
EN19-0815	Vegetation	05/03/2019	LAKEVIEW AREA	1824 CRITTENDON AVE
EN19-1165	Vegetation	05/17/2019	LAKEVIEW AREA	1839 CRITTENDON AVE
EN19-1164	Vegetation	05/17/2019	LAKEVIEW AREA	2007 CRITTENDON AVE
EN19-1397	Vegetation	05/31/2019	LAKEVIEW AREA	2021 CRITTENDON AVE
EN19-1735	Vegetation	06/13/2019	LAKEVIEW AREA	2021 CRITTENDON AVE
EN19-1156	Solid Waste	05/17/2019	LAKEVIEW AREA	2040 CRITTENDON AVE
EN19-1000	Vegetation	05/10/2019	LAKEVIEW AREA	2141 DAVID AVE
EN19-1924	Property Maintenance	06/25/2019	LAKEVIEW AREA	1735 EMERSON AVE
EN19-1149	Multiple	05/17/2019	LAKEVIEW AREA	1762 EMERSON AVE
EN19-0996	Vegetation	05/10/2019	LAKEVIEW AREA	2056 GEORGE AVE
EN19-1401	Vegetation	05/31/2019	LAKEVIEW AREA	2056 GEORGE AVE
EN19-0817	Parking	05/03/2019	LAKEVIEW AREA	1941 GROVE RD
EN19-1044	Zoning	05/14/2019	LAKEVIEW AREA	2011 GROVE RD
EN19-0866	Multiple	05/07/2019	LAKEVIEW AREA	2325 GROVE RD
EN19-1046	Vegetation	05/14/2019	LAKEVIEW AREA	2611 GROVE RD
EN19-0931	Vegetation	05/09/2019	LAKEVIEW AREA	2977 GROVE RD
EN19-0919	Vegetation	05/09/2019	LAKEVIEW AREA	3109 GROVE RD
EN19-0821	Multiple	05/03/2019	LAKEVIEW AREA	2031 HARMON ST
EN19-0983	Vegetation	05/10/2019	LAKEVIEW AREA	2142 HARMON ST
EN19-1303	Vegetation	05/28/2019	LAKEVIEW AREA	2214 HARMON ST
EN19-1706	Multiple	06/12/2019	LAKEVIEW AREA	2214 HARMON ST
EN19-1722	Vegetation	06/13/2019	LAKEVIEW AREA	2214 HARMON ST
EN19-1314	Vegetation	05/28/2019	LAKEVIEW AREA	2215 HARMON ST
EN19-1121	Vegetation	05/16/2019	LAKEVIEW AREA	2563 HEARTHSIDE DR
EN19-1183	Vegetation	05/20/2019	LAKEVIEW AREA	2217 LAKEVIEW AVE
EN19-1613	Vegetation	06/07/2019	LAKEVIEW AREA	1796 MCCARTNEY AVE
EN19-1850	Vacant Residential House Investigation	06/21/2019	LAKEVIEW AREA	1796 MCCARTNEY AVE
EN19-1200	Vegetation	05/21/2019	LAKEVIEW AREA	2065 MCGREGOR RD
EN19-1252	Vegetation	05/23/2019	LAKEVIEW AREA	1770 OUTER LANE DR

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1246	Property Maintenance	05/23/2019	LAKEVIEW AREA	1859 OUTER LANE DR
EN19-1276	Vacant Residential House Investigation	05/24/2019	LAKEVIEW AREA	1776 S PASADENA ST
EN19-1880	Vegetation	06/24/2019	LAKEVIEW AREA	1776 S PASADENA ST
EN19-1143	Multiple	05/17/2019	LAKEVIEW AREA	1991 S PASADENA ST
EN19-1537	Vegetation	06/06/2019	LAKEVIEW AREA	1634 SMITH ST
EN19-0980	Solid Waste	05/10/2019	LAKEVIEW AREA	1659 SMITH ST
EN19-0989	Vegetation	05/10/2019	LAKEVIEW AREA	1659 SMITH ST
EN19-1607	Vegetation	06/07/2019	LAKEVIEW AREA	1666 SMITH ST
EN19-1281	Solid Waste	05/24/2019	LAKEVIEW AREA	1845 SMITH ST
EN19-1856	Vegetation	06/21/2019	LAKEVIEW AREA	1885 SMITH ST
EN19-1058	Vegetation	05/14/2019	LAKEVIEW AREA	1925 SMITH ST
EN19-1865	Vegetation	06/21/2019	LAKEVIEW AREA	1925 SMITH ST
EN19-1053	Vegetation	05/14/2019	LAKEVIEW AREA	1965 SMITH ST
EN19-0987	Vegetation	05/10/2019	LAKEVIEW AREA	1680 VICTOR ST
EN19-0979	Vegetation	05/10/2019	LAKEVIEW AREA	1694 VICTOR ST
EN19-0982	Vegetation	05/10/2019	LAKEVIEW AREA	1694 VICTOR ST
EN19-1004	Vegetation	05/10/2019	LAKEVIEW AREA	1741 VICTOR ST
EN19-0991	Vegetation	05/10/2019	LAKEVIEW AREA	1744 VICTOR ST
EN19-1151	Vegetation	05/17/2019	LAKEVIEW AREA	1781 VICTOR ST
EN19-1841	Property Maintenance	06/21/2019	LAKEVIEW AREA	2070 WOODALE AVE
EN19-1792	Multiple	06/19/2019	LAKEVIEW AREA	2136 WOODALE AVE
EN19-1985	Vegetation	06/28/2019	LAKEVIEW AREA	2164 WOODALE AVE
EN19-1498	Rental - Unregistered	06/05/2019	LAKEVIEW MHP	9910 GERALDINE ST OFFICE
EN19-1544	Vegetation	06/06/2019	LAY GARDENS AREA	39 ALLEN RD
EN19-1954	Vegetation	06/27/2019	LAY GARDENS AREA	55 ALLEN RD
EN19-1953	Multiple	06/27/2019	LAY GARDENS AREA	60 ALLEN RD
EN19-1216	Property Maintenance - Motor Vehicle	05/21/2019	LAY GARDENS AREA	71 ALLEN RD
EN19-1959	Vegetation	06/27/2019	LAY GARDENS AREA	79 ALLEN RD
EN19-1647	Property Maintenance	06/10/2019	LAY GARDENS AREA	97 ALLEN RD
EN19-1553	Vegetation	06/06/2019	LAY GARDENS AREA	123 ALLEN RD
EN19-1551	Vegetation	06/06/2019	LAY GARDENS AREA	851 ALLEN RD
EN19-1301	Vegetation	05/28/2019	LAY GARDENS AREA	543 BAGLEY AVE
EN19-1542	Vegetation	06/06/2019	LAY GARDENS AREA	633 BAGLEY AVE
EN19-1541	Vegetation	06/06/2019	LAY GARDENS AREA	634 BAGLEY AVE
EN19-1863	Vegetation	06/21/2019	LAY GARDENS AREA	658 BAGLEY AVE
EN19-1243	Vegetation	05/23/2019	LAY GARDENS AREA	670 BAGLEY AVE
EN19-1039	Vegetation	05/13/2019	LAY GARDENS AREA	1650 BAILEY ST

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EN19-1691	Property Maintenance	06/12/2019	LAY GARDENS AREA	130 CAMPBELL AVE
EN19-1866	Vegetation	06/21/2019	LAY GARDENS AREA	993 E CROSS ST
EN19-1860	Vegetation	06/21/2019	LAY GARDENS AREA	1013 E CROSS ST
EN19-0907	Commercial Vehicles	05/09/2019	LAY GARDENS AREA	1236 E CROSS ST
EN19-1461	Vegetation	06/04/2019	LAY GARDENS AREA	1236 E CROSS ST
EN19-1730	Vegetation	06/13/2019	LAY GARDENS AREA	1236 E CROSS ST
EN19-1817	Zoning	06/20/2019	LAY GARDENS AREA	1070 E CROSS ST VAC
EN19-1899	Property Maintenance	06/25/2019	LAY GARDENS AREA	238 EMERSON AVE
EN19-1824	Multiple	06/20/2019	LAY GARDENS AREA	740 N FORD BLVD
EN19-1734	Vegetation	06/13/2019	LAY GARDENS AREA	792 N FORD BLVD
EN19-1875	Vegetation	06/24/2019	LAY GARDENS AREA	792 N FORD BLVD
EN19-0850	Solid Waste	05/06/2019	LAY GARDENS AREA	796 N FORD BLVD
EN19-0857	Vegetation	05/06/2019	LAY GARDENS AREA	796 N FORD BLVD
EN19-1212	Vegetation	05/21/2019	LAY GARDENS AREA	796 N FORD BLVD
EN19-1876	Multiple	06/24/2019	LAY GARDENS AREA	796 N FORD BLVD
EN19-1879	Vacant Residential House Investigation	06/24/2019	LAY GARDENS AREA	796 N FORD BLVD
EN19-1690	Solid Waste	06/12/2019	LAY GARDENS AREA	798 N FORD BLVD
EN19-0853	Vegetation	05/06/2019	LAY GARDENS AREA	840 N FORD BLVD
EN19-1778	Vegetation	06/18/2019	LAY GARDENS AREA	840 N FORD BLVD
EN19-0851	Vegetation	05/06/2019	LAY GARDENS AREA	841 N FORD BLVD
EN19-0861	Multiple	05/07/2019	LAY GARDENS AREA	841 N FORD BLVD
EN19-1376	Vegetation	05/30/2019	LAY GARDENS AREA	841 N FORD BLVD
EN19-1772	Vegetation	06/18/2019	LAY GARDENS AREA	850 N FORD BLVD
EN19-0827	Solid Waste	05/06/2019	LAY GARDENS AREA	871 N FORD BLVD
EN19-1771	Vegetation	06/18/2019	LAY GARDENS AREA	969 E FOREST AVE
EN19-0889	Vegetation	05/08/2019	LAY GARDENS AREA	1079 E FOREST AVE
EN19-1388	Vegetation	05/30/2019	LAY GARDENS AREA	1079 E FOREST AVE
EN19-1342	Property Maintenance	05/28/2019	LAY GARDENS AREA	1396 E FOREST AVE
EN19-1975	Multiple	06/27/2019	LAY GARDENS AREA	1396 E FOREST AVE
EN19-1599	Blight	06/07/2019	LAY GARDENS AREA	1541 E FOREST AVE
EN19-1596	Multiple	06/07/2019	LAY GARDENS AREA	1671 E FOREST AVE
EN19-1989	Vegetation	06/28/2019	LAY GARDENS AREA	1671 E FOREST AVE
EN19-1185	Vegetation	05/20/2019	LAY GARDENS AREA	551 E GRAND BLVD
EN19-1974	Vegetation	06/27/2019	LAY GARDENS AREA	563 E GRAND BLVD
EN19-1561	Vegetation	06/06/2019	LAY GARDENS AREA	709 E GRAND BLVD
EN19-1563	Vegetation	06/06/2019	LAY GARDENS AREA	722 E GRAND BLVD
EN19-1237	Vegetation	05/22/2019	LAY GARDENS AREA	726 E GRAND BLVD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1566	Vegetation	06/06/2019	LAY GARDENS AREA	730 E GRAND BLVD
EN19-0892	Property Maintenance	05/08/2019	LAY GARDENS AREA	774 E GRAND BLVD
EN19-0900	Property Maintenance	05/08/2019	LAY GARDENS AREA	824 E GRAND BLVD
EN19-1238	Vegetation	05/22/2019	LAY GARDENS AREA	855 E GRAND BLVD
EN19-1849	Vegetation	06/21/2019	LAY GARDENS AREA	876 E GRAND BLVD
EN19-1545	Vegetation	06/06/2019	LAY GARDENS AREA	551 N HARRIS RD
EN19-1783	Multiple	06/18/2019	LAY GARDENS AREA	592 N HARRIS RD
EN19-1346	Zoning	05/29/2019	LAY GARDENS AREA	708 N HARRIS RD
EN19-0905	Vegetation	05/08/2019	LAY GARDENS AREA	765 N HARRIS RD
EN19-1895	Multiple	06/25/2019	LAY GARDENS AREA	765 N HARRIS RD
EN19-0876	Vegetation	05/08/2019	LAY GARDENS AREA	800 N HARRIS RD
EN19-1373	Vegetation	05/30/2019	LAY GARDENS AREA	800 N HARRIS RD
EN19-1812	Vegetation	06/19/2019	LAY GARDENS AREA	800 N HARRIS RD
EN19-1948	Vegetation	06/26/2019	LAY GARDENS AREA	506 HOLLIS AVE
EN19-1552	Vegetation	06/06/2019	LAY GARDENS AREA	563 HOLLIS AVE
EN19-1548	Vegetation	06/06/2019	LAY GARDENS AREA	1188 HOLMES RD
EN19-1623	Vegetation	06/08/2019	LAY GARDENS AREA	1200 HOLMES RD
EN19-1928	Blight - Fire	06/26/2019	LAY GARDENS AREA	1404 HOLMES RD
EN19-1933	Property Maintenance	06/26/2019	LAY GARDENS AREA	1404 HOLMES RD
EN19-1234	Vegetation	05/22/2019	LAY GARDENS AREA	1636 HOLMES RD
EN19-1273	Vegetation	05/24/2019	LAY GARDENS AREA	1650 HOLMES RD
EN19-0854	Property Maintenance	05/06/2019	LAY GARDENS AREA	2180 HOLMES RD
EN19-1945	Vegetation	06/26/2019	LAY GARDENS AREA	504 HUNT PL
EN19-1947	Vegetation	06/26/2019	LAY GARDENS AREA	539 HUNT PL
EN19-1253	Vegetation	05/23/2019	LAY GARDENS AREA	544 HUNT PL
EN19-1946	Vegetation	06/26/2019	LAY GARDENS AREA	544 HUNT PL
EN19-1043	Solid Waste	05/14/2019	LAY GARDENS AREA	561 HUNT PL
EN19-1250	Vegetation	05/23/2019	LAY GARDENS AREA	561 HUNT PL
EN19-1251	Vegetation	05/23/2019	LAY GARDENS AREA	564 HUNT PL
EN19-0909	Property Maintenance - Motor Vehicle	05/09/2019	LAY GARDENS AREA	568 HUNT PL
EN19-1255	Vegetation	05/23/2019	LAY GARDENS AREA	568 HUNT PL
EN19-1248	Vegetation	05/23/2019	LAY GARDENS AREA	576 HUNT PL
EN19-1428	Solid Waste	06/03/2019	LAY GARDENS AREA	611 N IVANHOE AVE
EN19-1992	Property Maintenance - Motor Vehicle	06/28/2019	LAY GARDENS AREA	620 N IVANHOE AVE
EN19-0802	Blight	05/01/2019	LAY GARDENS AREA	713 JEROME AVE
EN19-1073	Vegetation	05/15/2019	LAY GARDENS AREA	715 JEROME AVE
EN19-1040	Blight	05/13/2019	LAY GARDENS AREA	753 JEROME AVE

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EN19-1380	Vegetation	05/30/2019	LAY GARDENS AREA	802 JEROME AVE
EN19-1986	Vegetation	06/28/2019	LAY GARDENS AREA	110 JOHNSON ST
EN19-1780	Vegetation	06/18/2019	LAY GARDENS AREA	145 JOHNSON ST
EN19-1217	Multiple	05/21/2019	LAY GARDENS AREA	195 LAMAY AVE
EN19-1384	Vegetation	05/30/2019	LAY GARDENS AREA	533 LYNNE AVE
EN19-1386	Vacant Residential House Investigation	05/30/2019	LAY GARDENS AREA	533 LYNNE AVE
EN19-1011	Vegetation	05/13/2019	LAY GARDENS AREA	511 N MIAMI AVE
EN19-1010	Vegetation	05/13/2019	LAY GARDENS AREA	551 N MIAMI AVE
EN19-1513	Vegetation	06/05/2019	LAY GARDENS AREA	667 N MOHAWK AVE
EN19-1546	Vegetation	06/06/2019	LAY GARDENS AREA	860 TWIN TOWERS ST
EN19-1814	Multiple	06/19/2019	LAY GARDENS AREA	860 TWIN TOWERS ST
EN19-1019	Drainage Complaints	05/13/2019	MANUFACTURED HOME PARK	6988 MC KEAN 215
EN19-1282	Drainage Complaints	05/24/2019	OAKLAWN/HAWTHORNE AREA	855 AUBURNDALE AVE
EN19-1835	Multiple	06/21/2019	OAKLAWN/HAWTHORNE AREA	920 AUBURNDALE AVE
EN19-1784	Vegetation	06/18/2019	OAKLAWN/HAWTHORNE AREA	930 AUBURNDALE AVE
EN19-1782	Vegetation	06/18/2019	OAKLAWN/HAWTHORNE AREA	935 AUBURNDALE AVE
EN19-1916	Solid Waste	06/25/2019	OAKLAWN/HAWTHORNE AREA	935 AUBURNDALE AVE
EN19-1801	Zoning	06/19/2019	OAKLAWN/HAWTHORNE AREA	1253 CRESTWOOD AVE
EN19-1978	Vegetation	06/28/2019	OAKLAWN/HAWTHORNE AREA	1254 CRESTWOOD AVE
EN19-1979	Vegetation	06/28/2019	OAKLAWN/HAWTHORNE AREA	1397 CRESTWOOD AVE
EN19-1289	Vegetation	05/24/2019	OAKLAWN/HAWTHORNE AREA	928 DAVIS ST
EN19-1153	Vegetation	05/17/2019	OAKLAWN/HAWTHORNE AREA	936 DAVIS ST
EN19-1150	Vegetation	05/17/2019	OAKLAWN/HAWTHORNE AREA	943 DAVIS ST
EN19-1804	Vegetation	06/19/2019	OAKLAWN/HAWTHORNE AREA	1165 DAVIS ST
EN19-1805	Vacant Residential House Investigation	06/19/2019	OAKLAWN/HAWTHORNE AREA	1165 DAVIS ST
EN19-1753	Blight	06/17/2019	OAKLAWN/HAWTHORNE AREA	1241 DAVIS ST
EN19-1752	Property Maintenance	06/17/2019	OAKLAWN/HAWTHORNE AREA	1262 DAVIS ST
EN19-1755	Property Maintenance - Motor Vehicle	06/17/2019	OAKLAWN/HAWTHORNE AREA	1291 DAVIS ST
EN19-1496	Vegetation	06/05/2019	OAKLAWN/HAWTHORNE AREA	867 DEBBY CT
EN19-0898	Vegetation	05/08/2019	OAKLAWN/HAWTHORNE AREA	520 DUBIE AVE
EN19-1286	Vegetation	05/24/2019	OAKLAWN/HAWTHORNE AREA	520 DUBIE AVE
EN19-1785	Vegetation	06/18/2019	OAKLAWN/HAWTHORNE AREA	520 DUBIE AVE
EN19-0953	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	589 DUBIE AVE
EN19-1601	Vegetation	06/07/2019	OAKLAWN/HAWTHORNE AREA	589 DUBIE AVE
EN19-1602	Vegetation	06/07/2019	OAKLAWN/HAWTHORNE AREA	600 DUBIE AVE
EN19-0820	Property Maintenance - Motor Vehicle	05/03/2019	OAKLAWN/HAWTHORNE AREA	639 DUBIE AVE
EN19-1420	Vegetation	06/03/2019	OAKLAWN/HAWTHORNE AREA	1206 DUNCAN AVE

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EN19-1664	Solid Waste	06/11/2019	OAKLAWN/HAWTHORNE AREA	1206 DUNCAN AVE
EN19-1421	Vegetation	06/03/2019	OAKLAWN/HAWTHORNE AREA	1265 DUNCAN AVE
EN19-1854	Vegetation	06/21/2019	OAKLAWN/HAWTHORNE AREA	1265 DUNCAN AVE
EN19-1852	Vegetation	06/21/2019	OAKLAWN/HAWTHORNE AREA	1289 DUNCAN AVE
EN19-1853	Vegetation	06/21/2019	OAKLAWN/HAWTHORNE AREA	1361 DUNCAN AVE
EN19-1422	Vegetation	06/03/2019	OAKLAWN/HAWTHORNE AREA	1395 DUNCAN AVE
EN19-1877	Vegetation	06/24/2019	OAKLAWN/HAWTHORNE AREA	1395 DUNCAN AVE
EN19-1547	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	161 ECORSE RD
EN19-1670	Vegetation	06/11/2019	OAKLAWN/HAWTHORNE AREA	525 EMERICK ST
EN19-1180	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	427 GLENWOOD AVE
EN19-1033	Vacant Residential House Investigation	05/13/2019	OAKLAWN/HAWTHORNE AREA	632 GLENWOOD AVE
EN19-1034	Multiple	05/13/2019	OAKLAWN/HAWTHORNE AREA	632 GLENWOOD AVE
EN19-1163	Vacant Residential House Investigation	05/17/2019	OAKLAWN/HAWTHORNE AREA	350 GREENLAWN ST
EN19-1456	Vegetation	06/04/2019	OAKLAWN/HAWTHORNE AREA	350 GREENLAWN ST
EN19-1042	Vegetation	05/14/2019	OAKLAWN/HAWTHORNE AREA	381 GREENLAWN ST
EN19-1540	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	381 GREENLAWN ST
EN19-1743	Vegetation	06/14/2019	OAKLAWN/HAWTHORNE AREA	381 GREENLAWN ST
EN19-1705	Commercial Vehicles	06/12/2019	OAKLAWN/HAWTHORNE AREA	406 GREENLAWN ST
EN19-1364	Property Maintenance	05/29/2019	OAKLAWN/HAWTHORNE AREA	538 GREENLAWN ST
EN19-1976	Property Maintenance	06/27/2019	OAKLAWN/HAWTHORNE AREA	552 GREENLAWN ST
EN19-0867	Vegetation	05/07/2019	OAKLAWN/HAWTHORNE AREA	560 GREENLAWN ST
EN19-1535	Assist Attorney	06/06/2019	OAKLAWN/HAWTHORNE AREA	641 GREENLAWN ST
EN19-0870	Vegetation	05/07/2019	OAKLAWN/HAWTHORNE AREA	601 GREENLAWN
EN19-1319	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	361 S HARRIS RD
EN19-1190	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	371 S HARRIS RD
EN19-1189	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	381 S HARRIS RD
EN19-1329	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	453 S HARRIS RD
EN19-1331	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	459 S HARRIS RD
EN19-1567	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	842 HAWTHORNE AVE
EN19-1130	Blight	05/16/2019	OAKLAWN/HAWTHORNE AREA	1003 HAWTHORNE AVE 1
EN19-1270	Vegetation	05/23/2019	OAKLAWN/HAWTHORNE AREA	1003 HAWTHORNE AVE 1
EN19-1263	Vegetation	05/23/2019	OAKLAWN/HAWTHORNE AREA	1003 HAWTHORNE AVE 2
EN19-1506	Vegetation	06/05/2019	OAKLAWN/HAWTHORNE AREA	1033 HAWTHORNE AVE
EN19-1565	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	1062 HAWTHORNE AVE
EN19-1177	Solid Waste	05/20/2019	OAKLAWN/HAWTHORNE AREA	1081 HAWTHORNE AVE
EN19-1550	Multiple	06/06/2019	OAKLAWN/HAWTHORNE AREA	1131 HAWTHORNE AVE
EN19-1549	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	1146 HAWTHORNE AVE

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EN19-1554	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	1156 HAWTHORNE AVE
EN19-1119	Vegetation	05/16/2019	OAKLAWN/HAWTHORNE AREA	1337 HAWTHORNE AVE
EN19-1117	Vegetation	05/16/2019	OAKLAWN/HAWTHORNE AREA	1374 HAWTHORNE AVE
EN19-1123	Vegetation	05/16/2019	OAKLAWN/HAWTHORNE AREA	1385 HAWTHORNE AVE
EN19-1124	Vegetation	05/16/2019	OAKLAWN/HAWTHORNE AREA	1386 HAWTHORNE AVE
EN19-0809	Multiple	05/02/2019	OAKLAWN/HAWTHORNE AREA	436 HAYES ST
EN19-1076	Vegetation	05/15/2019	OAKLAWN/HAWTHORNE AREA	440 HAYES ST
EN19-1454	Vegetation	06/04/2019	OAKLAWN/HAWTHORNE AREA	440 HAYES ST
EN19-0856	Solid Waste	05/06/2019	OAKLAWN/HAWTHORNE AREA	456 HAYES ST
EN19-0858	Vegetation	05/06/2019	OAKLAWN/HAWTHORNE AREA	456 HAYES ST
EN19-1204	Vegetation	05/21/2019	OAKLAWN/HAWTHORNE AREA	601 HAYES ST
EN19-1972	Vegetation	06/27/2019	OAKLAWN/HAWTHORNE AREA	601 HAYES ST
EN19-1821	Vegetation	06/20/2019	OAKLAWN/HAWTHORNE AREA	648 HAYES ST
EN19-1970	Vacant Residential House Investigation	06/27/2019	OAKLAWN/HAWTHORNE AREA	648 HAYES ST
EN19-1188	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	570 KANSAS AVE
EN19-1060	Vegetation	05/14/2019	OAKLAWN/HAWTHORNE AREA	580 KANSAS AVE
EN19-1389	Assist Other Agency	05/31/2019	OAKLAWN/HAWTHORNE AREA	590 KANSAS AVE
EN19-1038	Vegetation	05/13/2019	OAKLAWN/HAWTHORNE AREA	620 KANSAS AVE
EN19-1726	Vegetation	06/13/2019	OAKLAWN/HAWTHORNE AREA	549 KENNEDY AVE
EN19-1702	Property Maintenance	06/12/2019	OAKLAWN/HAWTHORNE AREA	560 KENNEDY AVE
EN19-1562	Vegetation	06/06/2019	OAKLAWN/HAWTHORNE AREA	629 KENNEDY AVE
EN19-1221	Vegetation	05/21/2019	OAKLAWN/HAWTHORNE AREA	842 MAPLEWOOD AVE
EN19-1332	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	854 MAPLEWOOD AVE #1
EN19-1334	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	854 MAPLEWOOD AVE #2
EN19-1336	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	910 MAPLEWOOD AVE
EN19-1265	Property Maintenance	05/23/2019	OAKLAWN/HAWTHORNE AREA	1130 MAPLEWOOD AVE
EN19-1239	Vegetation	05/22/2019	OAKLAWN/HAWTHORNE AREA	552 MONTREAL AVE
EN19-1006	Stop Work Order	05/10/2019	OAKLAWN/HAWTHORNE AREA	630 MONTREAL AVE
EN19-1418	Rental - Unregistered	06/03/2019	OAKLAWN/HAWTHORNE AREA	545 OAKLAWN AVE
EN19-1919	Solid Waste	06/25/2019	OAKLAWN/HAWTHORNE AREA	914 OTTAWA AVE
EN19-0945	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	823 PARKWOOD AVE
EN19-0915	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	824 PARKWOOD AVE
EN19-0930	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1011 PARKWOOD AVE
EN19-0917	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1021 PARKWOOD AVE
EN19-0933	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1045 PARKWOOD AVE
EN19-1157	Vacant Residential House Investigation	05/17/2019	OAKLAWN/HAWTHORNE AREA	1045 PARKWOOD AVE
EN19-0950	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1320 PARKWOOD AVE

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EN19-0918	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1330 PARKWOOD AVE
EN19-0934	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	1370 PARKWOOD AVE
EN19-1171	Property Maintenance	05/20/2019	OAKLAWN/HAWTHORNE AREA	1480 PARKWOOD AVE 5
EN19-1292	Vegetation	05/24/2019	OAKLAWN/HAWTHORNE AREA	1480 PARKWOOD AVE
EN19-1182	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	587 PINEWOOD ST
EN19-1290	Vegetation	05/24/2019	OAKLAWN/HAWTHORNE AREA	588 PINEWOOD ST
EN19-1896	Property Maintenance	06/25/2019	OAKLAWN/HAWTHORNE AREA	560 S REDWOOD AVE
EN19-1035	Property Maintenance - Motor Vehicle	05/13/2019	OAKLAWN/HAWTHORNE AREA	632 S REDWOOD AVE
EN19-1184	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	165 ROSEWOOD AVE
EN19-1178	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	202 ROSEWOOD
EN19-1179	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	851 TYLER RD
EN19-1943	Multiple	06/26/2019	OAKLAWN/HAWTHORNE AREA	547 WHARTON ST
EN19-1085	Vegetation	05/15/2019	OAKLAWN/HAWTHORNE AREA	581 WHARTON ST
EN19-1406	Property Maintenance - Motor Vehicle	05/31/2019	OAKLAWN/HAWTHORNE AREA	418 WOODLAWN AVE
EN19-1317	Vegetation	05/28/2019	OAKLAWN/HAWTHORNE AREA	430 WOODLAWN AVE
EN19-1395	Property Maintenance - Motor Vehicle	05/31/2019	OAKLAWN/HAWTHORNE AREA	436 WOODLAWN AVE
EN19-0955	Vegetation	05/09/2019	OAKLAWN/HAWTHORNE AREA	442 WOODLAWN AVE
EN19-1110	Parking	05/16/2019	OAKLAWN/HAWTHORNE AREA	470 WOODLAWN AVE
EN19-1187	Vegetation	05/20/2019	OAKLAWN/HAWTHORNE AREA	481 WOODLAWN AVE
EN19-1941	Vegetation	06/26/2019	OAKLAWN/HAWTHORNE AREA	541 WOODLAWN AVE
EN19-1971	Vegetation	06/27/2019	OAKLAWN/HAWTHORNE AREA	560 WOODLAWN AVE
EN19-1341	Multiple	05/28/2019	OAKLAWN/HAWTHORNE AREA	561 WOODLAWN AVE
EN19-1957	Blight	06/27/2019	OAKLAWN/HAWTHORNE AREA	561 WOODLAWN AVE
EN19-1809	Vegetation	06/19/2019	OAKLAWN/HAWTHORNE AREA	610 WOODLAWN AVE
EN19-1811	Vegetation	06/19/2019	OAKLAWN/HAWTHORNE AREA	611 WOODLAWN AVE
EN19-1415	Multiple	06/03/2019	PINEVIEW AREA	5445 PINEVIEW DR
EN19-1991	Vegetation	06/28/2019	PINEVIEW AREA	5763 PINEVIEW DR
EN19-0825	Vegetation	05/06/2019	PINEVIEW AREA	5785 PINEVIEW DR
EN19-0826	Vegetation	05/06/2019	PINEVIEW AREA	5981 PINEVIEW DR
EN19-1902	Property Maintenance	06/25/2019	SCHOONER COVE	5070 BOSUNS WAY B1
EN19-1226	Multiple	05/22/2019	SCHOONER COVE	8542 SPINNAKER WAY
EN19-1166	Vacant Residential House Investigation	05/17/2019	SCHOONER COVE	8570 SPINNAKER WAY
EN19-1915	Property Maintenance	06/25/2019	SCHOONER COVE	8769 SPINNAKER WAY C4
EN19-1914	Property Maintenance	06/25/2019	SCHOONER COVE	8775 SPINNAKER WAY B3
EN19-1912	Property Maintenance	06/25/2019	SCHOONER COVE	8825 SPINNAKER WAY C1
EN19-1911	Property Maintenance	06/25/2019	SCHOONER COVE	8845 SPINNAKER WAY C4
EN19-1955	Blight - Fire	06/27/2019	SOUTH DISTRICT	8836 AMARANTH LN

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EN19-0829	Property Maintenance - Motor Vehicle	05/06/2019	SOUTH DISTRICT	7001 AMBERLY WAY
EN19-0830	Property Maintenance - Motor Vehicle	05/06/2019	SOUTH DISTRICT	7013 AMBERLY WAY
EN19-1769	Vegetation	06/17/2019	SOUTH DISTRICT	7875 AMRHEIN DR
EN19-1768	Zoning	06/17/2019	SOUTH DISTRICT	5178 APPLEWOOD DR
EN19-1606	Vegetation	06/07/2019	SOUTH DISTRICT	5199 APPLEWOOD DR
EN19-1608	Vegetation	06/07/2019	SOUTH DISTRICT	5212 APPLEWOOD DR
EN19-1654	Blight - Fire	06/10/2019	SOUTH DISTRICT	6049 ASPEN WAY
EN19-1186	Multiple	05/20/2019	SOUTH DISTRICT	7769 BAY TREE DR
EN19-1360	Vegetation	05/29/2019	SOUTH DISTRICT	7201 BELLE MEADE CT
EN19-0949	Vegetation	05/09/2019	SOUTH DISTRICT	6935 BEMIS RD
EN19-1749	Vegetation	06/17/2019	SOUTH DISTRICT	7415 BERMUDA DUNES DR
EN19-1683	Solid Waste	06/11/2019	SOUTH DISTRICT	7439 BERMUDA DUNES DR
EN19-1134	Vegetation	05/16/2019	SOUTH DISTRICT	7481 BERMUDA DUNES DR
EN19-1695	Vegetation	06/12/2019	SOUTH DISTRICT	7481 BERMUDA DUNES DR
EN19-1973	Vegetation	06/27/2019	SOUTH DISTRICT	7481 BERMUDA DUNES DR
EN19-1269	Vegetation	05/23/2019	SOUTH DISTRICT	7721 BERWICK DR
EN19-1864	Vegetation	06/21/2019	SOUTH DISTRICT	7975 BERWICK DR
EN19-0810	Property Maintenance	05/02/2019	SOUTH DISTRICT	5968 BIG PINE DR
EN19-0803	Drainage Complaints	05/02/2019	SOUTH DISTRICT	7904 BRIARBROOK DR
EN19-1136	Property Maintenance	05/16/2019	SOUTH DISTRICT	7904 BRIARBROOK DR
EN19-1138	Property Maintenance	05/16/2019	SOUTH DISTRICT	7904 BRIARBROOK DR
EN19-1558	Solid Waste	06/06/2019	SOUTH DISTRICT	7944 BRIARBROOK DR
EN19-1385	Multiple	05/30/2019	SOUTH DISTRICT	7992 BRIARBROOK DR
EN19-0880	Vegetation	05/08/2019	SOUTH DISTRICT	6966 BUNTON RD
EN19-1500	Drainage Complaints	06/05/2019	SOUTH DISTRICT	7650 BUNTON RD
EN19-1392	Property Maintenance - Motor Vehicle	05/31/2019	SOUTH DISTRICT	7489 CARLTON DR
EN19-1159	Vacant Residential House Investigation	05/17/2019	SOUTH DISTRICT	7071 COLCHESTER LN
EN19-1840	Vegetation	06/21/2019	SOUTH DISTRICT	7119 COLCHESTER LN
EN19-1344	Vegetation	05/28/2019	SOUTH DISTRICT	7287 COLCHESTER LN
EN19-1272	Vegetation	05/24/2019	SOUTH DISTRICT	9428 COUNTRY VIEW DR
EN19-1451	Vegetation	06/04/2019	SOUTH DISTRICT	7159 DEER TRACK DR
EN19-1335	Vegetation	05/28/2019	SOUTH DISTRICT	7306 DEER TRACK DR
EN19-1455	Vegetation	06/04/2019	SOUTH DISTRICT	7141 DEER TRACK - ANR
EN19-1609	Vegetation	06/07/2019	SOUTH DISTRICT	7376 DOVER DR
EN19-0840	Vegetation	05/06/2019	SOUTH DISTRICT	7109 ESSEX DR
EN19-0837	Vegetation	05/06/2019	SOUTH DISTRICT	7173 ESSEX DR
EN19-1381	Vegetation	05/30/2019	SOUTH DISTRICT	7173 ESSEX DR

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EN19-0833	Vegetation	05/06/2019	SOUTH DISTRICT	7186 ESSEX DR
EN19-0836	Vegetation	05/06/2019	SOUTH DISTRICT	7255 ESSEX DR
EN19-1731	Vegetation	06/13/2019	SOUTH DISTRICT	7304 ESSEX DR
EN19-0834	Vegetation	05/06/2019	SOUTH DISTRICT	7343 ESSEX DR
EN19-0845	Vegetation	05/06/2019	SOUTH DISTRICT	7365 ESSEX DR
EN19-0843	Vegetation	05/06/2019	SOUTH DISTRICT	7425 ESSEX DR
EN19-1557	Vegetation	06/06/2019	SOUTH DISTRICT	9594 FALMOUTH DR
EN19-1345	Vegetation	05/28/2019	SOUTH DISTRICT	9686 FALMOUTH DR
EN19-1284	Vegetation	05/24/2019	SOUTH DISTRICT	7043 FIELDING ST
EN19-1885	Solid Waste	06/24/2019	SOUTH DISTRICT	7158 FIELDING ST
EN19-1889	Vegetation	06/24/2019	SOUTH DISTRICT	7172 FIELDING ST
EN19-1655	Vegetation	06/10/2019	SOUTH DISTRICT	7643 GREENE FARM DR
EN19-0895	Solid Waste	05/08/2019	SOUTH DISTRICT	7279 GREENFIELD ST
EN19-1279	Vegetation	05/24/2019	SOUTH DISTRICT	7310 GREENFIELD ST
EN19-1293	Property Maintenance	05/28/2019	SOUTH DISTRICT	7377 GREENFIELD ST
EN19-1391	Property Maintenance	05/31/2019	SOUTH DISTRICT	7626 HENLEY DR
EN19-1927	Assist Other Agency	06/26/2019	SOUTH DISTRICT	7626 HENLEY DR
EN19-1167	Vegetation	05/17/2019	SOUTH DISTRICT	7634 HENLEY DR
EN19-1806	Solid Waste	06/19/2019	South District	7411 HICKORY RIDGE DR
EN19-0970	Vegetation	05/09/2019	South District	7480 HICKORY RIDGE DR
EN19-1440	Property Maintenance	06/04/2019	SOUTH DISTRICT	5367 HIGH RIDGE DR
EN19-1350	Vegetation	05/29/2019	SOUTH DISTRICT	5512 HIGH RIDGE DR
EN19-1629	Vegetation	06/08/2019	SOUTH DISTRICT	5717 HIGH RIDGE DR
EN19-1898	Multiple	06/25/2019	SOUTH DISTRICT	7277 HOGAN DR
EN19-1763	Solid Waste	06/17/2019	SOUTH DISTRICT	7457 HOGAN DR
EN19-1409	Property Maintenance - Motor Vehicle	06/03/2019	SOUTH DISTRICT	7108 HOMESTEAD RD
EN19-0805	Assist Other Agency	05/02/2019	SOUTH DISTRICT	7220 HOMESTEAD RD
EN19-0891	Solid Waste	05/08/2019	SOUTH DISTRICT	7263 HOMESTEAD RD
EN19-0897	Vegetation	05/08/2019	SOUTH DISTRICT	7271 HOMESTEAD RD
EN19-1789	Vegetation	06/19/2019	SOUTH DISTRICT	5838 HUNTINGTON DR
EN19-1644	Multiple	06/10/2019	SOUTH DISTRICT	5841 HUNTINGTON DR
EN19-1716	Stop Work Order	06/13/2019	SOUTH DISTRICT	1330 N HURON RIVER DR #1
EN19-1497	Rental - Unregistered	06/05/2019	SOUTH DISTRICT	1330 N HURON RIVER DR
EN19-1704	Property Maintenance	06/12/2019	SOUTH DISTRICT	1330 N HURON RIVER DR
EN19-1758	Stop Work Order	06/13/2019	SOUTH DISTRICT	1330 N HURON RIVER DR
EN19-0814	Vegetation	05/03/2019	SOUTH DISTRICT	7200 S HURON RIVER DR
EN19-1105	Property Maintenance	05/16/2019	SOUTH DISTRICT	7200 S HURON RIVER DR

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EN19-1693	Multiple	06/12/2019	SOUTH DISTRICT	8303 S HURON RIVER DR
EN19-1445	Multiple	06/04/2019	SOUTH DISTRICT	8403 S HURON RIVER DR
EN19-1173	Property Maintenance - Motor Vehicle	05/20/2019	SOUTH DISTRICT	6012 S IVANHOE AVE
EN19-1271	Property Maintenance	05/23/2019	SOUTH DISTRICT	6097 S IVANHOE AVE
EN19-1267	Vegetation	05/23/2019	SOUTH DISTRICT	6160 S IVANHOE AVE
EN19-1966	Property Maintenance - Motor Vehicle	06/27/2019	SOUTH DISTRICT	6266 S IVANHOE AVE
EN19-1934	Vegetation	06/26/2019	SOUTH DISTRICT	6364 JONQUIL LN
EN19-1725	Vegetation	06/13/2019	SOUTH DISTRICT	5608 JUSTIN CT
EN19-1413	Vegetation	06/03/2019	SOUTH DISTRICT	7460 KENSINGTON DR
EN19-0831	Vegetation	05/06/2019	SOUTH DISTRICT	7461 KENSINGTON DR
EN19-0841	Vegetation	05/06/2019	SOUTH DISTRICT	7559 KENSINGTON DR
EN19-1560	Vegetation	06/06/2019	SOUTH DISTRICT	9561 LANDSDOWNE LN
EN19-1021	Property Maintenance - Motor Vehicle	05/13/2019	SOUTH DISTRICT	8740 LILLY DR
EN19-1652	Property Maintenance - Motor Vehicle	06/10/2019	SOUTH DISTRICT	7026 LOCHMOOR DR
EN19-1333	Vegetation	05/28/2019	SOUTH DISTRICT	7062 LOCHMOOR DR
EN19-1897	Property Maintenance	06/25/2019	SOUTH DISTRICT	7241 LOCHMOOR DR
EN19-1453	Vegetation	06/04/2019	SOUTH DISTRICT	7279 LOCHMOOR DR
EN19-1681	Solid Waste	06/11/2019	SOUTH DISTRICT	7363 LOCHMOOR DR
EN19-1677	Vegetation	06/11/2019	SOUTH DISTRICT	7398 LOCHMOOR DR
EN19-1379	Vegetation	05/30/2019	SOUTH DISTRICT	7422 LOCHMOOR DR
EN19-1649	Blight - Fire	06/10/2019	SOUTH DISTRICT	7434 LOCHMOOR DR
EN19-1041	Basketball Hoop	05/14/2019	SOUTH DISTRICT	6431 LUPIN CT
EN19-1352	Multiple	05/29/2019	SOUTH DISTRICT	6848 MAPLELAWN DR
EN19-1354	Property Maintenance	05/29/2019	SOUTH DISTRICT	6030 MAPLEVIEW LN
EN19-1357	Property Maintenance	05/29/2019	SOUTH DISTRICT	6030 MAPLEVIEW LN
EN19-1598	Blight	06/07/2019	SOUTH DISTRICT	8799 MARTZ RD
EN19-1660	Solid Waste	06/10/2019	SOUTH DISTRICT	5757 MEADOWVIEW ST
EN19-1348	Blight	05/29/2019	SOUTH DISTRICT	5355 MERRITT RD
EN19-1559	Vegetation	06/06/2019	SOUTH DISTRICT	7040 MERRITT RD
EN19-1325	Vegetation	05/28/2019	SOUTH DISTRICT	6142 S MIAMI ST
EN19-1807	Vegetation	06/19/2019	SOUTH DISTRICT	6221 S MIAMI ST
EN19-1890	Vegetation	06/24/2019	SOUTH DISTRICT	6222 S MIAMI ST
EN19-1676	Vegetation	06/11/2019	SOUTH DISTRICT	7171 MISSION HILLS DR
EN19-1678	Vegetation	06/11/2019	SOUTH DISTRICT	7183 MISSION HILLS DR
EN19-1680	Solid Waste	06/11/2019	SOUTH DISTRICT	7198 MISSION HILLS DR
EN19-1887	Vegetation	06/24/2019	South District	5853 S MOHAWK AVE
EN19-0811	Property Maintenance	05/02/2019	South District	6575 MUNGER RD

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EN19-1802	Solid Waste	06/19/2019	SOUTH DISTRICT	7061 MUNGER RD
EN19-1901	Drainage Complaints	06/25/2019	SOUTH DISTRICT	5465 NEW MEADOW DR
EN19-0839	Vegetation	05/06/2019	SOUTH DISTRICT	7840 NEWBURY DR
EN19-0846	Vegetation	05/06/2019	SOUTH DISTRICT	7845 NEWBURY DR
EN19-0838	Vegetation	05/06/2019	SOUTH DISTRICT	7870 NEWBURY DR
EN19-1168	Vegetation	05/20/2019	South District	7770 PAINT CREEK DR
EN19-1851	Vegetation	06/21/2019	SOUTH DISTRICT	9203 PARKLAND DR
EN19-1198	Assist Attorney	05/21/2019	SOUTH DISTRICT	6934 POPLAR DR
EN19-1061	Vegetation	05/15/2019	SOUTH DISTRICT	7094 POPLAR DR
EN19-1347	Vegetation	05/29/2019	SOUTH DISTRICT	7094 POPLAR DR
EN19-1871	Vegetation	06/24/2019	SOUTH DISTRICT	7094 POPLAR DR
EN19-1240	Vegetation	05/22/2019	SOUTH DISTRICT	7106 POPLAR DR
EN19-1224	Vegetation	05/22/2019	SOUTH DISTRICT	8810 PRAIRIE ST
EN19-1444	Vegetation	06/04/2019	SOUTH DISTRICT	8810 PRAIRIE ST
EN19-1225	Vegetation	05/22/2019	SOUTH DISTRICT	8818 PRAIRIE ST
EN19-1499	Drainage Complaints	06/05/2019	SOUTH DISTRICT	8825 PRAIRIE ST
EN19-1650	Solid Waste	06/10/2019	SOUTH DISTRICT	8825 PRAIRIE ST
EN19-1447	Vegetation	06/04/2019	SOUTH DISTRICT	8837 PRAIRIE ST
EN19-1109	Zoning	05/16/2019	SOUTH DISTRICT	8862 PRAIRIE ST
EN19-1449	Vegetation	06/04/2019	SOUTH DISTRICT	8862 PRAIRIE ST
EN19-1949	Vegetation	06/26/2019	SOUTH DISTRICT	8862 PRAIRIE ST
EN19-1139	Vegetation	05/17/2019	SOUTH DISTRICT	7176 RICHMOND DR
EN19-1378	Vegetation	05/30/2019	SOUTH DISTRICT	7236 RICHMOND DR
EN19-0968	Blight	05/09/2019	SOUTH DISTRICT	6590 ROBIN CT
EN19-0976	Multiple	05/10/2019	SOUTH DISTRICT	6590 ROBIN CT
EN19-1213	Vegetation	05/21/2019	SOUTH DISTRICT	6590 ROBINDALE DR
EN19-1732	Vegetation	06/13/2019	SOUTH DISTRICT	7342 SEA MIST DR
EN19-1294	Vegetation	05/28/2019	SOUTH DISTRICT	7259 SPY GLASS LN
EN19-1054	Vegetation	05/14/2019	SOUTH DISTRICT	7040 ST ANDREWS DR
EN19-1059	Solid Waste	05/14/2019	SOUTH DISTRICT	7088 ST ANDREWS DR
EN19-1055	Vegetation	05/14/2019	SOUTH DISTRICT	7129 ST ANDREWS DR
EN19-1855	Vegetation	06/21/2019	SOUTH DISTRICT	5425 STONY CREEK RD
EN19-1671	Solid Waste	06/11/2019	SOUTH DISTRICT	7165 STREAMWOOD DR
EN19-1667	Vegetation	06/11/2019	SOUTH DISTRICT	7324 STREAMWOOD DR
EN19-1612	Vegetation	06/07/2019	SOUTH DISTRICT	6648 E SUMMERDALE CIR
EN19-1152	Vegetation	05/17/2019	SOUTH DISTRICT	6593 W SUMMERDALE CIR
EN19-1859	Vegetation	06/21/2019	SOUTH DISTRICT	5658 SUNSET TRL

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EN19-1981	Solid Waste	06/28/2019	SOUTH DISTRICT	5666 SUNSET TRL
EN19-1594	Solid Waste	06/07/2019	SOUTH DISTRICT	5710 SUNSET TRL
EN19-1296	Vegetation	05/28/2019	SOUTH DISTRICT	TEXTILE RD - VAC
EN19-1839	Pre-Permit Inspection	06/21/2019	South District	6710 TEXTILE RD
EN19-1122	Vegetation	05/16/2019	SOUTH DISTRICT	6917 TEXTILE RD
EN19-1977	Solid Waste	06/27/2019	SOUTH DISTRICT	7851 THORNHILL DR
EN19-1773	Zoning	06/18/2019	SOUTH DISTRICT	8700 TRILLIUM DR
EN19-1604	Vegetation	06/07/2019	SOUTH DISTRICT	7752 TROTTERS PARK ST
EN19-1605	Vegetation	06/07/2019	SOUTH DISTRICT	7775 TROTTERS PARK ST
EN19-1048	Property Maintenance	05/14/2019	SOUTH DISTRICT	6303 TUTTLE HILL RD
EN19-1827	Vegetation	06/20/2019	SOUTH DISTRICT	6371 TUTTLE HILL RD
EN19-0908	Property Maintenance	05/09/2019	SOUTH DISTRICT	6601 TUTTLE HILL RD
EN19-0910	Vegetation	05/09/2019	SOUTH DISTRICT	6601 TUTTLE HILL RD
EN19-1672	Vegetation	06/11/2019	SOUTH DISTRICT	8189 VALLEYVIEW DR
EN19-0844	Vegetation	05/06/2019	SOUTH DISTRICT	7229 WARWICK DR
EN19-1668	Vegetation	06/11/2019	SOUTH DISTRICT	7290 WARWICK DR
EN19-1170	Zoning	05/20/2019	SOUTH DISTRICT	7330 WARWICK DR
EN19-0832	Vegetation	05/06/2019	SOUTH DISTRICT	7366 WARWICK DR
EN19-0835	Vegetation	05/06/2019	SOUTH DISTRICT	7575 WARWICK DR
EN19-0906	Solid Waste	05/08/2019	SOUTH DISTRICT	7347 WELLINGTON LN
EN19-1845	Blight	06/21/2019	SOUTH DISTRICT	7393 WELLINGTON LN
EN19-1009	Vegetation	05/13/2019	SOUTH DISTRICT	7411 WELLINGTON LN
EN19-1017	Vacant Residential House Investigation	05/13/2019	SOUTH DISTRICT	7411 WELLINGTON LN
EN19-1353	Property Maintenance	05/29/2019	SOUTH DISTRICT	1894 WHITTAKER RD
EN19-1106	Vegetation	05/16/2019	SOUTH DISTRICT	1960 WHITTAKER RD
EN19-1141	Vegetation	05/17/2019	SOUTH DISTRICT	1993 WHITTAKER RD
EN19-1142	Vegetation	05/17/2019	SOUTH DISTRICT	2005 WHITTAKER RD
EN19-1241	Blight	05/23/2019	SOUTH DISTRICT	2124 WHITTAKER
EN19-1107	Property Maintenance	05/16/2019	SOUTH DISTRICT	2010 WHITTAKER (KROGER) RD
EN19-1747	Solid Waste	06/14/2019	SOUTH DISTRICT	7400 WILLOW CREEK DR
EN19-1967	Property Maintenance	06/27/2019	SOUTH DISTRICT	5925 WILLOWBRIDGE RD
EN19-1867	Vegetation	06/21/2019	SOUTH DISTRICT	5933 WILLOWBRIDGE RD
EN19-0943	Vegetation	05/09/2019	SOUTH DISTRICT	7845 WINTERFIELD DR
EN19-1382	Vegetation	05/30/2019	SOUTH DISTRICT	7870 WINTERFIELD DR
EN19-0916	Vegetation	05/09/2019	SOUTH DISTRICT	7875 WINTERFIELD DR
EN19-1231	Vegetation	05/22/2019	SOUTH DISTRICT	7875 WINTERFIELD DR
EN19-1232	Vegetation	05/22/2019	SOUTH DISTRICT	7895 WINTERFIELD DR

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EN19-1931	Vegetation	06/26/2019	SOUTH DISTRICT	9614 WOODLAND CT
EN19-1969	Property Maintenance	06/27/2019	SOUTH DISTRICT	9630 WOODLAND CT
EN19-1502	Vegetation	06/05/2019	SOUTH DISTRICT	9705 WOODLAND CT
EN19-1261	Vegetation	05/23/2019	SOUTH DISTRICT	9822 WOODLAND CT
EN19-1435	Vegetation	06/04/2019	SOUTH DISTRICT	9877 WOODLAND CT
EN19-1066	Vegetation	05/15/2019	STEVENS PARK AREA	169 ELDER ST
EN19-1065	Vegetation	05/15/2019	STEVENS PARK AREA	171 ELDER ST
EN19-1757	Vegetation	06/17/2019	STEVENS PARK AREA	392 ELDER ST
EN19-1729	Multiple	06/13/2019	STEVENS PARK AREA	393 ELDER ST
EN19-1728	Vegetation	06/13/2019	STEVENS PARK AREA	396 ELDER ST
EN19-1756	Vegetation	06/17/2019	STEVENS PARK AREA	396 ELDER ST
EN19-1082	Vegetation	05/15/2019	STEVENS PARK AREA	400 ELDER ST
EN19-1682	Vegetation	06/11/2019	STEVENS PARK AREA	560 ELDER ST
EN19-1724	Vegetation	06/13/2019	STEVENS PARK AREA	565 ELDER ST
EN19-1266	Vegetation	05/23/2019	STEVENS PARK AREA	1266 JONES ST
EN19-1387	Vegetation	05/30/2019	STEVENS PARK AREA	1278 JONES ST
EN19-1114	Vegetation	05/16/2019	STEVENS PARK AREA	210 TAFT AVE
EN19-1116	Vegetation	05/16/2019	STEVENS PARK AREA	231 TAFT AVE
EN19-1112	Vegetation	05/16/2019	STEVENS PARK AREA	239 TAFT AVE
EN19-1297	Zoning	05/28/2019	STEVENS PARK AREA	258 TAFT AVE
EN19-1115	Vegetation	05/16/2019	STEVENS PARK AREA	263 TAFT AVE
EN19-1113	Vegetation	05/16/2019	STEVENS PARK AREA	272 TAFT AVE
EN19-1111	Vegetation	05/16/2019	STEVENS PARK AREA	276 TAFT AVE
EN19-1174	Vegetation	05/20/2019	STEVENS PARK AREA	277 TAFT AVE
EN19-1410	Vegetation	06/03/2019	STEVENS PARK AREA	253 WILSON ST
EN19-1207	Vegetation	05/21/2019	SUGARBROOK AREA	1322 ANDREA ST
EN19-1328	Vegetation	05/28/2019	SUGARBROOK AREA	1327 ANDREA ST
EN19-1211	Vegetation	05/21/2019	SUGARBROOK AREA	1332 ANDREA ST
EN19-1315	Vegetation	05/28/2019	SUGARBROOK AREA	1342 ANDREA ST
EN19-1603	Vegetation	06/07/2019	SUGARBROOK AREA	1392 ANDREA ST
EN19-1215	Vegetation	05/21/2019	SUGARBROOK AREA	1400 ANDREA ST
EN19-1881	Solid Waste	06/24/2019	SUGARBROOK AREA	1400 ANDREA ST
EN19-1983	Vegetation	06/28/2019	SUGARBROOK AREA	1400 ANDREA ST
EN19-0958	Vegetation	05/09/2019	SUGARBROOK AREA	1401 ANDREA ST
EN19-1861	Solid Waste	06/21/2019	SUGARBROOK AREA	1401 ANDREA ST
EN19-1321	Vegetation	05/28/2019	SUGARBROOK AREA	1407 ANDREA ST
EN19-1982	Vegetation	06/28/2019	SUGARBROOK AREA	1407 ANDREA ST

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EN19-1323	Vegetation	05/28/2019	SUGARBROOK AREA	1408 ANDREA ST
EN19-1318	Vegetation	05/28/2019	SUGARBROOK AREA	1415 ANDREA ST
EN19-1862	Vegetation	06/21/2019	SUGARBROOK AREA	1415 ANDREA ST
EN19-1326	Vegetation	05/28/2019	SUGARBROOK AREA	1466 ANDREA ST
EN19-1351	Property Maintenance - Motor Vehicle	05/29/2019	SUGARBROOK AREA	1501 ANDREA ST
EN19-1944	Property Maintenance - Motor Vehicle	06/26/2019	SUGARBROOK AREA	1501 ANDREA ST
EN19-0984	Vegetation	05/10/2019	SUGARBROOK AREA	1524 ANDREA ST
EN19-1002	Vegetation	05/10/2019	SUGARBROOK AREA	1565 ANDREA ST
EN19-1442	Vegetation	06/04/2019	SUGARBROOK AREA	1583 ANDREA ST
EN19-0997	Vegetation	05/10/2019	SUGARBROOK AREA	1594 ANDREA ST
EN19-1936	Vegetation	06/26/2019	SUGARBROOK AREA	1642 CONWAY ST
EN19-1127	Vegetation	05/16/2019	SUGARBROOK AREA	1622 DOROTHY ST
EN19-0985	Vegetation	05/10/2019	SUGARBROOK AREA	1653 DOROTHY ST
EN19-1209	Vegetation	05/21/2019	SUGARBROOK AREA	1601 FOLEY AVE
EN19-1673	Multiple	06/11/2019	SUGARBROOK AREA	1704 FOLEY AVE
EN19-1316	Vegetation	05/28/2019	SUGARBROOK AREA	1722 FOLEY AVE
EN19-1799	Vegetation	06/19/2019	SUGARBROOK AREA	1847 GEORGE AVE
EN19-0995	Vegetation	05/10/2019	SUGARBROOK AREA	1859 GEORGE AVE
EN19-1793	Vegetation	06/19/2019	SUGARBROOK AREA	1859 GEORGE AVE
EN19-1283	Solid Waste	05/24/2019	SUGARBROOK AREA	2038 GEORGE AVE
EN19-1147	Blight	05/17/2019	SUGARBROOK AREA	1443 GROVE RD
EN19-1154	Property Maintenance	05/17/2019	SUGARBROOK AREA	1443 GROVE RD
EN19-1155	Blight	05/17/2019	SUGARBROOK AREA	1443 GROVE RD
EN19-1648	Vegetation	06/10/2019	SUGARBROOK AREA	1499 GROVE RD
EN19-1842	Parking	06/21/2019	SUGARBROOK AREA	1515 GROVE RD
EN19-0920	Parking	05/09/2019	SUGARBROOK AREA	1555 GROVE RD
EN19-0925	Vegetation	05/09/2019	SUGARBROOK AREA	1555 GROVE RD
EN19-1662	Vegetation	06/11/2019	SUGARBROOK AREA	1651 GROVE RD
EN19-0951	Vegetation	05/09/2019	SUGARBROOK AREA	1783 GROVE RD
EN19-1515	Solid Waste	06/05/2019	SUGARBROOK AREA	1425 S HARRIS RD
EN19-1383	Drainage Complaints	05/30/2019	SUGARBROOK AREA	1515 S HARRIS RD
EN19-0941	Vegetation	05/09/2019	SUGARBROOK AREA	1555 S HARRIS RD
EN19-0921	Vegetation	05/09/2019	SUGARBROOK AREA	1575 S HARRIS RD
EN19-1145	Vegetation	05/17/2019	SUGARBROOK AREA	1332 HARRY ST
EN19-1148	Vegetation	05/17/2019	SUGARBROOK AREA	1343 HARRY ST
EN19-1146	Vegetation	05/17/2019	SUGARBROOK AREA	1361 HARRY ST
EN19-0993	Vegetation	05/10/2019	SUGARBROOK AREA	1401 HARRY ST

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EN19-0992	Vegetation	05/10/2019	SUGARBROOK AREA	1417 HARRY ST
EN19-0988	Vegetation	05/10/2019	SUGARBROOK AREA	1425 HARRY ST
EN19-1001	Vegetation	05/10/2019	SUGARBROOK AREA	1457 HARRY ST
EN19-0986	Vegetation	05/10/2019	SUGARBROOK AREA	1466 HARRY ST
EN19-1666	Vegetation	06/11/2019	SUGARBROOK AREA	1466 HARRY ST
EN19-1733	Vegetation	06/13/2019	SUGARBROOK AREA	1466 HARRY ST
EN19-1786	Rental - Unregistered	06/18/2019	SUGARBROOK AREA	1466 HARRY ST
EN19-0865	Solid Waste	05/07/2019	SUGARBROOK AREA	1488 HARRY ST
EN19-1005	Vegetation	05/10/2019	SUGARBROOK AREA	1556 HARRY ST
EN19-1020	Property Maintenance	05/13/2019	SUGARBROOK AREA	1556 HARRY ST
EN19-1593	Multiple	06/07/2019	SUGARBROOK AREA	1556 HARRY ST
EN19-0990	Vegetation	05/10/2019	SUGARBROOK AREA	1580 HARRY ST
EN19-0994	Vegetation	05/10/2019	SUGARBROOK AREA	1590 HARRY ST
EN19-1630	Vegetation	06/08/2019	SUGARBROOK AREA	1734 HEATHERRIDGE ST
EN19-1750	Vacant Residential House Investigation	06/17/2019	SUGARBROOK AREA	1734 HEATHERRIDGE ST
EN19-0819	Property Maintenance	05/03/2019	SUGARBROOK AREA	1775 HEATHERRIDGE ST
EN19-0999	Vegetation	05/10/2019	SUGARBROOK AREA	1815 HEATHERRIDGE ST
EN19-0966	Solid Waste	05/09/2019	SUGARBROOK AREA	1824 HEATHERRIDGE ST
EN19-0998	Vegetation	05/10/2019	SUGARBROOK AREA	1827 HEATHERRIDGE ST
EN19-1003	Vegetation	05/10/2019	SUGARBROOK AREA	1841 HEATHERRIDGE ST
EN19-1884	Solid Waste	06/24/2019	SUGARBROOK AREA	1624 KNOWLES ST
EN19-1197	Zoning	05/21/2019	SUGARBROOK AREA	1694 KNOWLES ST
EN19-1025	Vegetation	05/13/2019	SUGARBROOK AREA	1700 KNOWLES ST
EN19-1795	Blight	06/19/2019	SUGARBROOK AREA	1755 KNOWLES ST
EN19-0957	Vegetation	05/09/2019	SUGARBROOK AREA	1763 KNOWLES ST
EN19-1370	Multiple	05/30/2019	SUGARBROOK AREA	1763 KNOWLES ST
EN19-1794	Vegetation	06/19/2019	SUGARBROOK AREA	1763 KNOWLES ST
EN19-1638	Vegetation	06/08/2019	SUGARBROOK AREA	1776 LYNN CT
EN19-1674	Vegetation	06/11/2019	SUGARBROOK AREA	1320 MCCARTHY CT
EN19-1675	Vegetation	06/11/2019	SUGARBROOK AREA	1357 MCCARTHY CT
EN19-1452	Vegetation	06/04/2019	SUGARBROOK AREA	1358 MCCARTHY CT
EN19-1940	Vegetation	06/26/2019	SUGARBROOK AREA	1525 MCCARTHY ST
EN19-1027	Vegetation	05/13/2019	SUGARBROOK AREA	1540 MCCARTHY ST
EN19-1056	Property Maintenance	05/14/2019	SUGARBROOK AREA	1413 MELVIN ST
EN19-1610	Vegetation	06/07/2019	SUGARBROOK AREA	1507 MELVIN ST
EN19-0875	Vegetation	05/08/2019	SUGARBROOK AREA	1592 MOLLIE ST
EN19-1433	Vegetation	06/04/2019	SUGARBROOK AREA	1592 MOLLIE ST

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EN19-0872	Vegetation	05/08/2019	SUGARBROOK AREA	1613 MOLLIE ST
EN19-1628	Property Maintenance	06/08/2019	SUGARBROOK AREA	1613 MOLLIE ST
EN19-1641	Vegetation	06/08/2019	SUGARBROOK AREA	1613 MOLLIE ST
EN19-0956	Vegetation	05/09/2019	SUGARBROOK AREA	1565 PHYLLIS ST
EN19-1007	Solid Waste	05/10/2019	SUGARBROOK AREA	1577 PHYLLIS ST
EN19-1210	Vegetation	05/21/2019	SUGARBROOK AREA	1506 WISMER ST
EN19-1324	Vegetation	05/28/2019	SUGARBROOK AREA	1518 WISMER ST
EN19-1939	Vegetation	06/26/2019	SUGARBROOK AREA	1614 WISMER ST
EN19-1175	Vegetation	05/20/2019	SUGARBROOK AREA	1635 WISMER ST
EN19-1808	Vegetation	06/19/2019	SUGARBROOK AREA	1647 WISMER ST
EN19-1893	Blight	06/24/2019	THURSTON AREA	220 DAKOTA AVE
EN19-1688	Vegetation	06/11/2019	THURSTON AREA	241 DAKOTA AVE
EN19-1653	Zoning	06/10/2019	THURSTON AREA	271 DAKOTA AVE
EN19-1361	Vegetation	05/29/2019	THURSTON AREA	375 DAKOTA AVE
EN19-1687	Property Maintenance	06/11/2019	THURSTON AREA	377 DAKOTA AVE
EN19-1962	Blight	06/27/2019	THURSTON AREA	20 DEVONSHIRE RD
EN19-1932	Property Maintenance	06/26/2019	THURSTON AREA	32 DEVONSHIRE RD
EN19-1423	Property Maintenance	06/03/2019	THURSTON AREA	46 DEVONSHIRE RD
EN19-1030	Vegetation	05/13/2019	THURSTON AREA	55 DEVONSHIRE RD
EN19-1015	Vegetation	05/13/2019	THURSTON AREA	124 DEVONSHIRE RD
EN19-1510	Vegetation	06/05/2019	THURSTON AREA	211 DEVONSHIRE RD
EN19-1505	Vegetation	06/05/2019	THURSTON AREA	265 DEVONSHIRE RD
EN19-1504	Vegetation	06/05/2019	THURSTON AREA	275 DEVONSHIRE RD
EN19-0868	Multiple	05/07/2019	THURSTON AREA	276 DEVONSHIRE RD
EN19-0869	Multiple	05/07/2019	THURSTON AREA	276 DEVONSHIRE RD
EN19-1923	Property Maintenance	06/25/2019	THURSTON AREA	333 DEVONSHIRE RD
EN19-1826	Vegetation	06/20/2019	THURSTON AREA	376 DEVONSHIRE RD
EN19-0807	Multiple	05/02/2019	THURSTON AREA	247 S FORD BLVD
EN19-1249	Vegetation	05/23/2019	THURSTON AREA	205 S HARRIS RD
EN19-0806	Solid Waste	05/02/2019	THURSTON AREA	247 S HARRIS RD
EN19-1815	Property Maintenance	06/19/2019	THURSTON AREA	158 KANSAS AVE
EN19-1135	Solid Waste	05/16/2019	THURSTON AREA	178 KANSAS AVE
EN19-1669	Property Maintenance - Motor Vehicle	06/11/2019	THURSTON AREA	178 KANSAS AVE
EN19-1717	Solid Waste	06/13/2019	THURSTON AREA	219 KANSAS AVE
EN19-1051	Property Maintenance - Motor Vehicle	05/14/2019	THURSTON AREA	315 KANSAS AVE
EN19-1052	Vegetation	05/14/2019	THURSTON AREA	351 KANSAS AVE
EN19-1049	Vegetation	05/14/2019	THURSTON AREA	363 KANSAS AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-0911	Property Maintenance	05/09/2019	THURSTON AREA	30 OHIO ST
EN19-1656	Property Maintenance	06/10/2019	THURSTON AREA	30 OHIO ST
EN19-1699	Property Maintenance	06/12/2019	THURSTON AREA	82 OHIO ST
EN19-1288	Vegetation	05/24/2019	THURSTON AREA	105 OHIO ST
EN19-1657	Property Maintenance	06/10/2019	THURSTON AREA	220 OHIO ST
EN19-1372	Vegetation	05/30/2019	THURSTON AREA	223 OHIO ST
EN19-1968	Property Maintenance	06/27/2019	THURSTON AREA	223 OHIO ST
EN19-1686	Property Maintenance	06/11/2019	THURSTON AREA	203 OREGON ST
EN19-1689	Zoning	06/11/2019	THURSTON AREA	204 OREGON ST
EN19-1222	Vegetation	05/21/2019	THURSTON AREA	278 OREGON ST
EN19-1374	Vegetation	05/30/2019	THURSTON AREA	282 OREGON ST
EN19-1543	Blight	06/06/2019	THURSTON AREA	1645 PARKWOOD AVE
EN19-0927	Vegetation	05/09/2019	THURSTON AREA	1655 PARKWOOD AVE
EN19-1685	Multiple	06/11/2019	THURSTON AREA	1655 PARKWOOD AVE
EN19-0818	Vegetation	05/03/2019	THURSTON AREA	1675 PARKWOOD AVE
EN19-0940	Blight	05/09/2019	THURSTON AREA	1675 PARKWOOD AVE
EN19-1684	Multiple	06/11/2019	THURSTON AREA	1675 PARKWOOD AVE
EN19-1108	Vegetation	05/16/2019	THURSTON AREA	1451 RUSSELL ST
EN19-1295	Vegetation	05/28/2019	THURSTON AREA	1451 RUSSELL ST
EN19-1268	Multiple	05/23/2019	THURSTON AREA	1574 RUSSELL ST
EN19-1086	Property Maintenance	05/15/2019	THURSTON AREA	1712 RUSSELL ST
EN19-1532	Vegetation	06/05/2019	WEST WILLOW	2330 BRIARDALE CT
EN19-1770	Zoning	06/18/2019	WEST WILLOW	2391 BRIARDALE CT
EN19-1528	Vegetation	06/05/2019	WEST WILLOW	2364 BROOKTREE CT
EN19-1990	Vegetation	06/28/2019	WEST WILLOW	1009 BUICK AVE
EN19-1987	Multiple	06/28/2019	WEST WILLOW	1019 BUICK AVE
EN19-1573	Vegetation	06/06/2019	WEST WILLOW	1038 BUICK AVE
EN19-0823	Blight	05/03/2019	WEST WILLOW	1089 BUICK AVE
EN19-0981	Property Maintenance	05/10/2019	WEST WILLOW	1089 BUICK AVE
EN19-1619	Vegetation	06/07/2019	WEST WILLOW	570 CALDER AVE
EN19-1621	Vegetation	06/07/2019	WEST WILLOW	580 CALDER AVE
EN19-1745	Vegetation	06/14/2019	WEST WILLOW	589 CALDER AVE
EN19-1617	Vegetation	06/07/2019	WEST WILLOW	590 CALDER AVE
EN19-1614	Vegetation	06/07/2019	WEST WILLOW	620 CALDER AVE
EN19-1618	Vegetation	06/07/2019	WEST WILLOW	630 CALDER AVE
EN19-1367	Vegetation	05/30/2019	WEST WILLOW	719 CALDER AVE
EN19-1622	Vegetation	06/07/2019	WEST WILLOW	760 CALDER AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1620	Vegetation	06/07/2019	WEST WILLOW	770 CALDER AVE
EN19-1615	Vegetation	06/07/2019	WEST WILLOW	780 CALDER AVE
EN19-1569	Vegetation	06/06/2019	WEST WILLOW	1802 CAROL ANN AVE
EN19-1576	Vegetation	06/06/2019	WEST WILLOW	1813 CAROL ANN AVE
EN19-1581	Vegetation	06/06/2019	WEST WILLOW	1825 CAROL ANN AVE
EN19-1571	Vegetation	06/06/2019	WEST WILLOW	1843 CAROL ANN AVE
EN19-1481	Vegetation	06/04/2019	WEST WILLOW	677 CAYUGA AVE
EN19-1495	Vegetation	06/04/2019	WEST WILLOW	683 CAYUGA AVE
EN19-1468	Vegetation	06/04/2019	WEST WILLOW	689 CAYUGA AVE
EN19-1472	Blight	06/04/2019	WEST WILLOW	717 CAYUGA AVE
EN19-1492	Vegetation	06/04/2019	WEST WILLOW	727 CAYUGA AVE
EN19-1530	Vegetation	06/05/2019	WEST WILLOW	2360 CEDARCLIFF AVE
EN19-1590	Vegetation	06/06/2019	WEST WILLOW	1953 CHEVROLET AVE
EN19-1665	Property Maintenance - Motor Vehicle	06/11/2019	WEST WILLOW	2041 CHEVROLET AVE
EN19-1140	Vegetation	05/17/2019	WEST WILLOW	2061 CHEVROLET AVE
EN19-1904	Vegetation	06/25/2019	WEST WILLOW	2081 CHEVROLET AVE
EN19-1575	Vegetation	06/06/2019	WEST WILLOW	2174 CHEVROLET AVE
EN19-1480	Vegetation	06/04/2019	WEST WILLOW	508 DESOTO AVE
EN19-1024	Vegetation	05/13/2019	WEST WILLOW	622 DESOTO AVE
EN19-1050	Vegetation	05/14/2019	WEST WILLOW	627 DESOTO AVE
EN19-1022	Solid Waste	05/13/2019	WEST WILLOW	630 DESOTO AVE
EN19-1029	Vegetation	05/13/2019	WEST WILLOW	785 DESOTO AVE
EN19-1031	Vegetation	05/13/2019	WEST WILLOW	786 DESOTO AVE
EN19-1489	Vegetation	06/04/2019	WEST WILLOW	865 DESOTO AVE
EN19-1486	Vegetation	06/04/2019	WEST WILLOW	875 DESOTO AVE
EN19-1471	Vegetation	06/04/2019	WEST WILLOW	885 DESOTO AVE
EN19-1488	Vegetation	06/04/2019	WEST WILLOW	897 DESOTO AVE
EN19-0816	Property Maintenance	05/03/2019	WEST WILLOW	905 DESOTO AVE
EN19-1482	Vegetation	06/04/2019	WEST WILLOW	908 DESOTO AVE
EN19-1023	Vegetation	05/13/2019	WEST WILLOW	924 DESOTO AVE
EN19-1483	Property Maintenance - Motor Vehicle	06/04/2019	WEST WILLOW	924 DESOTO AVE
EN19-1493	Parking	06/04/2019	WEST WILLOW	932 DESOTO AVE
EN19-1479	Blight	06/04/2019	WEST WILLOW	972 DESOTO AVE
EN19-1032	Property Maintenance	05/13/2019	WEST WILLOW	1080 DESOTO AVE
EN19-1526	Vegetation	06/05/2019	WEST WILLOW	1093 DESOTO AVE
EN19-1781	Solid Waste	06/18/2019	WEST WILLOW	1136 DESOTO AVE
EN19-1254	Vegetation	05/23/2019	WEST WILLOW	1211 DESOTO AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1520	Vegetation	06/05/2019	WEST WILLOW	1411 DESOTO AVE
EN19-1519	Vegetation	06/05/2019	WEST WILLOW	1430 DESOTO AVE
EN19-1522	Vegetation	06/05/2019	WEST WILLOW	1431 DESOTO AVE
EN19-1527	Vegetation	06/05/2019	WEST WILLOW	1441 DESOTO AVE
EN19-1304	Vegetation	05/28/2019	WEST WILLOW	1478 DESOTO AVE
EN19-0967	Vegetation	05/09/2019	WEST WILLOW	764 DORSET AVE
EN19-0965	Vegetation	05/09/2019	WEST WILLOW	765 DORSET AVE
EN19-0971	Vegetation	05/09/2019	WEST WILLOW	773 DORSET AVE
EN19-0974	Vegetation	05/09/2019	WEST WILLOW	781 DORSET AVE
EN19-0963	Vegetation	05/09/2019	WEST WILLOW	806 DORSET AVE
EN19-0960	Vegetation	05/09/2019	WEST WILLOW	1756 EILEEN AVE
EN19-1583	Vegetation	06/06/2019	WEST WILLOW	1756 EILEEN AVE
EN19-1589	Vegetation	06/06/2019	WEST WILLOW	1774 EILEEN AVE
EN19-1585	Vegetation	06/06/2019	WEST WILLOW	1783 EILEEN AVE
EN19-1158	Vegetation	05/17/2019	WEST WILLOW	1915 EILEEN AVE
EN19-1298	Vegetation	05/28/2019	WEST WILLOW	1915 EILEEN AVE
EN19-1577	Vegetation	06/06/2019	WEST WILLOW	1915 EILEEN AVE
EN19-1457	Property Maintenance	06/04/2019	WEST WILLOW	511 EUGENE ST
EN19-1611	Vegetation	06/07/2019	WEST WILLOW	522 EUGENE ST
EN19-1616	Vegetation	06/07/2019	WEST WILLOW	549 EUGENE ST
EN19-1068	Vegetation	05/15/2019	WEST WILLOW	660 EUGENE ST
EN19-1536	Vegetation	06/06/2019	WEST WILLOW	710 EUGENE ST
EN19-1746	Rental - Unregistered	06/14/2019	WEST WILLOW	819 EUGENE ST
EN19-1450	Vegetation	06/04/2019	WEST WILLOW	605 FOX AVE
EN19-1796	Property Maintenance	06/19/2019	WEST WILLOW	679 FOX AVE
EN19-1754	Solid Waste	06/17/2019	WEST WILLOW	680 FOX AVE
EN19-1761	Vegetation	06/17/2019	WEST WILLOW	720 FOX AVE
EN19-1759	Vegetation	06/17/2019	WEST WILLOW	730 FOX AVE
EN19-1762	Solid Waste	06/17/2019	WEST WILLOW	759 FOX AVE
EN19-0959	Vegetation	05/09/2019	WEST WILLOW	799 GATES AVE
EN19-0962	Vegetation	05/09/2019	WEST WILLOW	809 GATES AVE
EN19-0973	Vegetation	05/09/2019	WEST WILLOW	839 GATES AVE
EN19-0969	Vegetation	05/09/2019	WEST WILLOW	850 GATES AVE
EN19-1751	Vacant Residential House Investigation	06/17/2019	WEST WILLOW	1451 GLENGROVE AVE
EN19-1521	Vegetation	06/05/2019	WEST WILLOW	1463 GLENGROVE AVE
EN19-1490	Multiple	06/04/2019	WEST WILLOW	506 HUDSON ST
EN19-1476	Solid Waste	06/04/2019	WEST WILLOW	542 HUDSON ST

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1427	Vegetation	06/03/2019	WEST WILLOW	1342 JEFF ST
EN19-1529	Vegetation	06/05/2019	WEST WILLOW	1342 JEFF ST
EN19-1534	Vegetation	06/05/2019	WEST WILLOW	1375 JEFF ST
EN19-1938	Solid Waste	06/26/2019	WEST WILLOW	1412 JEFF ST
EN19-1694	Multiple	06/12/2019	WEST WILLOW	1452 JEFF ST
EN19-1568	Vegetation	06/06/2019	WEST WILLOW	1014 LORI ST
EN19-1776	Multiple	06/18/2019	WEST WILLOW	1074 LORI ST
EN19-1588	Vegetation	06/06/2019	WEST WILLOW	1147 LORI ST
EN19-1587	Vegetation	06/06/2019	WEST WILLOW	1159 LORI ST
EN19-1591	Vegetation	06/06/2019	WEST WILLOW	1924 MARY CATHERINE ST
EN19-1584	Vegetation	06/06/2019	WEST WILLOW	1947 MARY CATHERINE ST
EN19-1579	Vegetation	06/06/2019	WEST WILLOW	1950 MARY CATHERINE ST
EN19-1582	Vegetation	06/06/2019	WEST WILLOW	2020 MARY CATHERINE ST
EN19-1721	Vegetation	06/13/2019	WEST WILLOW	571 NASH AVE
EN19-1466	Parking	06/04/2019	WEST WILLOW	633 NASH AVE
EN19-1715	Solid Waste	06/13/2019	WEST WILLOW	633 NASH AVE
EN19-0912	Multiple	05/09/2019	WEST WILLOW	705 NASH AVE
EN19-1487	Vegetation	06/04/2019	WEST WILLOW	724 NASH AVE
EN19-1484	Property Maintenance - Motor Vehicle	06/04/2019	WEST WILLOW	789 NASH AVE
EN19-1474	Vegetation	06/04/2019	WEST WILLOW	880 NASH AVE
EN19-1469	Vegetation	06/04/2019	WEST WILLOW	903 NASH AVE
EN19-1700	Zoning	06/12/2019	WEST WILLOW	920 NASH AVE
EN19-1491	Multiple	06/04/2019	WEST WILLOW	950 NASH AVE
EN19-1057	Property Maintenance	05/14/2019	WEST WILLOW	980 NASH AVE
EN19-0899	Vegetation	05/08/2019	WEST WILLOW	1011 NASH AVE
EN19-1905	Vegetation	06/25/2019	WEST WILLOW	1011 NASH AVE
EN19-0888	Vegetation	05/08/2019	WEST WILLOW	1021 NASH AVE
EN19-1425	Property Maintenance	06/03/2019	WEST WILLOW	1041 NASH AVE
EN19-0879	Vegetation	05/08/2019	WEST WILLOW	1042 NASH AVE
EN19-1424	Vegetation	06/03/2019	WEST WILLOW	1053 NASH AVE
EN19-0901	Vegetation	05/08/2019	WEST WILLOW	1062 NASH AVE
EN19-1531	Vegetation	06/05/2019	WEST WILLOW	1062 NASH AVE
EN19-1181	Property Maintenance	05/20/2019	WEST WILLOW	1063 NASH AVE
EN19-1363	Vegetation	05/29/2019	WEST WILLOW	1063 NASH AVE
EN19-1803	Vegetation	06/19/2019	WEST WILLOW	1063 NASH AVE
EN19-1929	Blight	06/26/2019	WEST WILLOW	1075 NASH AVE
EN19-1087	Multiple	05/15/2019	WEST WILLOW	1081 NASH AVE

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1322	Vegetation	05/28/2019	WEST WILLOW	1101 NASH AVE
EN19-0887	Vegetation	05/08/2019	WEST WILLOW	1115 NASH AVE
EN19-1320	Vegetation	05/28/2019	WEST WILLOW	1115 NASH AVE
EN19-1365	Property Maintenance	05/29/2019	WEST WILLOW	1115 NASH AVE
EN19-0882	Vegetation	05/08/2019	WEST WILLOW	1137 NASH AVE
EN19-1362	Blight	05/29/2019	WEST WILLOW	1137 NASH AVE
EN19-0878	Vegetation	05/08/2019	WEST WILLOW	1151 NASH AVE
EN19-1956	Parking	06/27/2019	WEST WILLOW	1186 NASH AVE
EN19-0903	Vegetation	05/08/2019	WEST WILLOW	1212 NASH AVE
EN19-0890	Vegetation	05/08/2019	WEST WILLOW	1306 NASH AVE
EN19-0877	Vegetation	05/08/2019	WEST WILLOW	1314 NASH AVE
EN19-1081	Property Maintenance	05/15/2019	WEST WILLOW	1314 NASH AVE
EN19-0894	Vegetation	05/08/2019	WEST WILLOW	1327 NASH AVE
EN19-0904	Vegetation	05/08/2019	WEST WILLOW	1443 NASH AVE
EN19-0902	Vegetation	05/08/2019	WEST WILLOW	1448 NASH AVE
EN19-1426	Vegetation	06/03/2019	WEST WILLOW	1448 NASH AVE
EN19-1088	Vegetation	05/15/2019	WEST WILLOW	1472 NASH AVE
EN19-1477	Parking	06/04/2019	WEST WILLOW	573 OLDS ST
EN19-1485	Blight	06/04/2019	WEST WILLOW	579 OLDS ST
EN19-1467	Property Maintenance - Motor Vehicle	06/04/2019	WEST WILLOW	522 ONANDAGA AVE
EN19-1070	Vegetation	05/15/2019	WEST WILLOW	568 ONANDAGA AVE
EN19-1470	Vegetation	06/04/2019	WEST WILLOW	573 ONANDAGA AVE
EN19-1475	Property Maintenance - Motor Vehicle	06/04/2019	WEST WILLOW	582 ONANDAGA AVE
EN19-1071	Vegetation	05/15/2019	WEST WILLOW	627 ONANDAGA AVE
EN19-1882	Vegetation	06/24/2019	WEST WILLOW	677 ONANDAGA AVE
EN19-1494	Vegetation	06/04/2019	WEST WILLOW	689 ONANDAGA AVE
EN19-1368	Vegetation	05/30/2019	WEST WILLOW	643 OSWEGO AVE
EN19-1448	Vegetation	06/04/2019	WEST WILLOW	643 OSWEGO AVE
EN19-1366	Vegetation	05/30/2019	WEST WILLOW	649 OSWEGO AVE
EN19-1868	Vegetation	06/21/2019	WEST WILLOW	649 OSWEGO AVE
EN19-1888	Solid Waste	06/24/2019	WEST WILLOW	649 OSWEGO AVE
EN19-1473	Solid Waste	06/04/2019	WEST WILLOW	666 OSWEGO AVE
EN19-1478	Vegetation	06/04/2019	WEST WILLOW	666 OSWEGO AVE
EN19-1299	Vegetation	05/28/2019	WEST WILLOW	676 OSWEGO AVE
EN19-1917	Vegetation	06/25/2019	WEST WILLOW	676 OSWEGO AVE
EN19-1872	Vegetation	06/24/2019	WEST WILLOW	696 OSWEGO AVE
EN19-1518	Vegetation	06/05/2019	WEST WILLOW	1532 OUTER LANE DR

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1564	Blight	06/06/2019	WEST WILLOW	1540 OUTER LANE DR
EN19-1275	Vegetation	05/24/2019	WEST WILLOW	1629 S PASADENA ST
EN19-1274	Solid Waste	05/24/2019	WEST WILLOW	1659 S PASADENA ST
EN19-1533	Vegetation	06/05/2019	WEST WILLOW	1679 S PASADENA ST
EN19-1523	Vegetation	06/05/2019	WEST WILLOW	2382 PONDEROSA CT
EN19-1511	Multiple	06/05/2019	WEST WILLOW	2350 RAVINEWOOD AVE
EN19-1192	Drainage Complaints	05/21/2019	WEST WILLOW	2357 RAVINEWOOD AVE
EN19-1244	Vegetation	05/23/2019	WEST WILLOW	2358 RAVINEWOOD AVE
EN19-1525	Vegetation	06/05/2019	WEST WILLOW	2308 STATE ST
EN19-0848	Vegetation	05/06/2019	WEST WILLOW	1008 STUDEBAKER AVE
EN19-1572	Vegetation	06/06/2019	WEST WILLOW	1018 STUDEBAKER AVE
EN19-1514	Property Maintenance	06/05/2019	WEST WILLOW	1019 STUDEBAKER AVE
EN19-1777	Multiple	06/18/2019	WEST WILLOW	1028 STUDEBAKER AVE
EN19-0849	Vegetation	05/06/2019	WEST WILLOW	1048 STUDEBAKER AVE
EN19-1651	Vacant Residential House Investigation	06/10/2019	WEST WILLOW	1061 STUDEBAKER AVE
EN19-1229	Vegetation	05/22/2019	WEST WILLOW	1068 STUDEBAKER AVE
EN19-1779	Vegetation	06/18/2019	WEST WILLOW	1071 STUDEBAKER AVE
EN19-1349	Multiple	05/29/2019	WEST WILLOW	1081 STUDEBAKER AVE
EN19-1906	Parking	06/25/2019	WEST WILLOW	1081 STUDEBAKER AVE
EN19-1227	Vegetation	05/22/2019	WEST WILLOW	1088 STUDEBAKER AVE
EN19-1586	Vegetation	06/06/2019	WEST WILLOW	1088 STUDEBAKER AVE
EN19-1578	Vegetation	06/06/2019	WEST WILLOW	1098 STUDEBAKER AVE
EN19-0847	Vegetation	05/06/2019	WEST WILLOW	1181 STUDEBAKER AVE
EN19-1592	Vegetation	06/06/2019	WEST WILLOW	1181 STUDEBAKER AVE
EN19-1524	Vegetation	06/05/2019	WEST WILLOW	2359 SUNNYGLEN AVE
EN19-1308	Vacant Residential House Investigation	05/28/2019	WEST WILLOW	2375 SUNNYGLEN AVE
EN19-1305	Vegetation	05/28/2019	WEST WILLOW	2399 SUNNYGLEN AVE
EN19-1172	Vegetation	05/20/2019	WEST WILLOW	1630 TYLER RD
EN19-0972	Vegetation	05/09/2019	WEST WILLOW	1756 TYLER RD
EN19-1307	Vegetation	05/28/2019	WEST WILLOW	1756 TYLER RD
EN19-0975	Vegetation	05/09/2019	WEST WILLOW	1769 TYLER RD
EN19-1311	Vegetation	05/28/2019	WEST WILLOW	1769 TYLER RD
EN19-1720	Vegetation	06/13/2019	WEST WILLOW	1769 TYLER RD
EN19-0964	Vegetation	05/09/2019	WEST WILLOW	1770 TYLER RD
EN19-1309	Vegetation	05/28/2019	WEST WILLOW	1770 TYLER RD
EN19-0961	Vegetation	05/09/2019	WEST WILLOW	1780 TYLER RD
EN19-1600	Vegetation	06/07/2019	WEST WILLOW	1780 TYLER RD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1013	Vegetation	05/13/2019	WEST WILLOW	1834 TYLER RD
EN19-1014	Vegetation	05/13/2019	WEST WILLOW	1910 TYLER RD
EN19-1870	Vegetation	06/24/2019	WEST WILLOW	1910 TYLER RD
EN19-1278	Property Maintenance	05/24/2019	WEST WILLOW	1929 TYLER RD
EN19-1819	Property Maintenance	06/20/2019	WEST WILLOW	1929 TYLER RD
EN19-1838	Vegetation	06/21/2019	WEST WILLOW	1027 WOODGLEN AVE
EN19-1748	Solid Waste	06/17/2019	WEST WILLOW	1053 WOODGLEN AVE
EN19-1327	Vegetation	05/28/2019	WEST WILLOW	1120 WOODGLEN AVE
EN19-1692	Zoning	06/12/2019	WEST WILLOW	1144 WOODGLEN AVE
EN19-1836	Parking	06/21/2019	WEST WILLOW	1257 WOODGLEN AVE
EN19-1438	Multiple	06/04/2019	WEST WILLOW	1005 ZEPHYR ST
EN19-1760	Solid Waste	06/17/2019	WEST WILLOW	1064 ZEPHYR ST
EN19-1570	Vegetation	06/06/2019	WEST WILLOW	1113 ZEPHYR ST
EN19-1580	Vegetation	06/06/2019	WEST WILLOW	1125 ZEPHYR ST
EN19-1574	Vegetation	06/06/2019	WEST WILLOW	1137 ZEPHYR ST
EN19-1008	Solid Waste	05/10/2019	WEST WILLOW	1154 ZEPHYR ST
EN19-1501	Vegetation	06/05/2019	WEST WILLOW	1185 ZEPHYR ST
EN19-1093	Vegetation	05/15/2019	WESTLAWN AREA	451 BERGEN AVE
EN19-1096	Vegetation	05/15/2019	WESTLAWN AREA	475 BERGEN AVE
EN19-1104	Vegetation	05/15/2019	WESTLAWN AREA	480 BERGEN AVE
EN19-1280	Vacant Residential House Investigation	05/24/2019	WESTLAWN AREA	480 BERGEN AVE
EN19-1921	Vegetation	06/25/2019	WESTLAWN AREA	507 BROOKSIDE ST
EN19-1736	Vegetation	06/14/2019	WESTLAWN AREA	509 BROOKSIDE ST
EN19-1737	Vegetation	06/14/2019	WESTLAWN AREA	514 BROOKSIDE ST
EN19-1922	Vegetation	06/25/2019	WESTLAWN AREA	535 BROOKSIDE ST
EN19-1095	Vegetation	05/15/2019	WESTLAWN AREA	471 DUPONT AVE
EN19-1098	Vegetation	05/15/2019	WESTLAWN AREA	2525 EASTLAWN AVE
EN19-1416	Blight - Fire	06/03/2019	WESTLAWN AREA	413 N HEWITT RD
EN19-1738	Vegetation	06/14/2019	WESTLAWN AREA	2816 NORTHLAWN AVE
EN19-1829	Zoning	06/21/2019	WESTLAWN AREA	2490 PACKARD RD
EN19-1739	Solid Waste	06/14/2019	WESTLAWN AREA	542 RICE AVE
EN19-1094	Vegetation	05/15/2019	WESTLAWN AREA	3127 SOUTHLAWN ST
EN19-1300	Property Maintenance	05/28/2019	WESTLAWN AREA	1871 WASHTENAW RD
EN19-1465	Zoning	06/04/2019	WESTLAWN AREA	2307 WASHTENAW RD
EN19-1302	Pre-Permit Inspection	05/28/2019		2701 AIRPORT DR
EN19-1230	Pre-Permit Inspection	05/21/2019		5900 BRIDGE RD 515
EN19-0871	Property Maintenance	05/08/2019		5900 BRIDGE RD

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1436	Vegetation	06/04/2019		5900 BRIDGE RD
EN19-1287	Blight	05/24/2019		1711 CADILLAC AVE
EN19-1696	Property Maintenance	06/12/2019		9110 CHARLOTTE CT
EN19-1218	Drainage Complaints	05/21/2019		528 E CLARK RD
EN19-1816	Vegetation	06/20/2019		1178 E CROSS ST
EN19-1408	Vegetation	05/31/2019		1440 ECORSE RD
EN19-1874	Vegetation	06/24/2019		189 N FORD BLVD
EN19-0883	Vegetation	05/08/2019		880 N FORD BLVD
EN19-1818	Vegetation	06/20/2019		336 S FORD BLVD
EN19-1958	Vegetation	06/27/2019		386 S FORD BLVD
EN19-1377	Vegetation	05/30/2019		739 GATES AVE
EN19-1891	Blight	06/24/2019		839 GEORGE PL
EN19-1355	Property Maintenance	05/29/2019		526 E GRAND BLVD
EN19-1247	Assist General	05/23/2019		2171 GROVE RD
EN19-1555	Property Maintenance	06/06/2019		3344 GROVE RD
EN19-1208	Vegetation	05/21/2019		297 S HARRIS RD
EN19-1064	Property Maintenance	05/14/2019		1107 S HARRIS RD 204
EN19-1429	Vegetation	06/03/2019		1595 HOLMES RD
EN19-1062	Property Maintenance	05/15/2019		2580 HOLMES 15
EN19-1788	Vegetation	06/18/2019		1645 HOLMES A
EN19-1645	Vegetation	06/10/2019		1349 S HURON ST
EN19-1037	Vegetation	05/13/2019		2060 MARY CATHERINE ST
EN19-1659	Property Maintenance	06/10/2019		2060 MARY CATHERINE ST
EN19-1195	Vegetation	05/21/2019		823 E MICHIGAN AVE
EN19-1719	Assist Attorney	06/13/2019		829 E MICHIGAN AVE
EN19-1193	Vegetation	05/21/2019		1631 E MICHIGAN AVE
EN19-1196	Vegetation	05/21/2019		1891 E MICHIGAN AVE
EN19-1194	Vegetation	05/21/2019		3011 E MICHIGAN AVE
EN19-1458	Vegetation	06/04/2019		1235 W MICHIGAN AVE
EN19-1740	Multiple	06/14/2019		2250 W MICHIGAN AVE
EN19-1047	Vegetation	05/14/2019		940 MINION ST
EN19-1910	Vegetation	06/25/2019		940 MINION ST
EN19-1396	Vegetation	05/31/2019		670 ONANDAGA AVE
EN19-1411	Vegetation	06/03/2019		2560 PACKARD RD
EN19-0813	Stop Work Order	05/03/2019		2955 PACKARD RD
EN19-0944	Vegetation	05/09/2019		1625 PARKWOOD AVE
EN19-1820	Property Maintenance	06/20/2019		1416 S SHARE AVE 203

Enforcement Number	Category	Date Filed	Subdivision	Address Display String
EN19-1223	Property Maintenance	05/21/2019		1418 S SHARE AVE 208
EN19-1439	Vegetation	06/04/2019		212 STEVENS DR
EN19-1988	Vegetation	06/28/2019		212 STEVENS DR
EN19-1539	Collection Box	06/06/2019		10131 TEXTILE RD
EN19-1430	Blight - Fire	06/03/2019		405 VILLA DR
EN19-1459	Vegetation	06/04/2019		2169 WASHTENAW RD
EN19-1199	Vegetation	05/21/2019		2349 WASHTENAW RD
EN19-1464	Vegetation	06/04/2019		2349 WASHTENAW RD
EN19-1462	Vegetation	06/04/2019		2649 WASHTENAW RD
EN19-1441	Zoning	06/04/2019		2660 WASHTENAW RD
EN19-1460	Vegetation	06/04/2019		2789 WASHTENAW RD
EN19-1663	Zoning	06/11/2019		2789 WASHTENAW RD
EN19-1463	Vegetation	06/04/2019		2835 WASHTENAW RD
EN19-1277	Blight	05/24/2019		1700 WATSON ST

YPSILANTI TOWNSHIP FIRE DEPARTMENT
MONTHLY REPORT

MAY 2019

Fire Department staffing levels are as follows:

1 Fire Chief	3 Shift Captains	19 Fire Fighters
1 Fire Marshal	3 Shift Lieutenants	1 Clerk III / Staff Support

All fire department response personnel are licensed as Emergency Medical Technicians by the State of Michigan Public Health. During the month, the fire department responded to 366 requests for assistance. Of those requests, 228 were medical emergency service calls, with the remaining 138 incidents classified as non-medical and/or fire related.

Department activities for the month of May, 2019:

- 1) The Public Education Department participated in the following events:
 - a) Hosted W4 Country Radio 'Fire House Friday'
 - b) Car Seat fittings for U of M Buckle Up program

- 2) Fire fighters attended 15 neighborhood watch meetings

- 3) Fire fighters received training in the following areas:
 - a) Tower Rescue
 - b) Fire Investigations
 - c) EMS
 - d) Life Guard @ Rolling Hills

The Fire Marshal had these activities / events for the month of May, 2019:

- 1) Fire Investigations: 1
- 2) Building Inspections: 7
- 3) Liquor Inspections: 3
- 4) Junkyard Inspections: 9
- 5) Preliminary Court Hearing: 1
- 6) Arson Investigation Conference in Traverse City
- 7) Meetings: 4
- 8) Classes: Staff & Command (week long)

The Fire Chief attended these meetings / events for the month of May, 2019:

- 1) WAMAA
- 2) Meeting with Hoppe Design – improvements at HQ & Station 3
- 3) Orientation meeting – Lieutenant Position
- 4) Assessment for Lieutenant Position
- 5) Union Contract negotiations
- 6) Court – Fire Lane Violation
- 7) Civil Service meeting
- 8) Meeting / Planning session with Photographer
- 9) Pre-application meeting – 5718 Whittaker / Vet Clinic
- 10) Review – HazMat Authority Board By-laws
- 11) Generational Workforce Summit
- 12) Inspection – American Center for Mobility (ACM)
- 13) Inspection – Hewitt Road / Doctors Office
- 14) Inspection – Hewitt Road Hookah Lounge
- 15) Site Visit – Tower Rescue
- 16) Received new SCBA's (through Grant)

There was 0 injuries and 0 deaths reported this month for civilians.

There was 0 injuries and 0 deaths reported this month for fire fighters.

This month the total fire loss, including vehicle fires, is estimated at **\$137,750.00**. All occurred at the following locations:

DATE OF LOSS	ADDRESS	ESTIMATED LOSS
1) 05/01/2019	2435 Carriage Way	\$ 0.00 (cooking)
2) 05/03/2019	433 Villa Drive	\$ 5,250.00 (building)
3) 05/09/2019	940 Holmes	\$ 0.00 (dumpster)
4) 05/09/2019	2934 Washtenaw	\$ 0.00 (cooking)
5) 05/15/2019	1181 Juneau	\$ 0.00 (brush)
6) 05/18/2019	1310 Red Leaf Lane	\$ 15,500.00 (building)
7) 05/19/2019	9830 Joan Circle	\$ 0.00 (cooking)
8) 05/20/2019	5900 Bridge #515	\$ 26,500.00 (building)
9) 05/21/2019	1550 E Clark	\$ 0.00 (cooking)
10)05/22/2019	6220 Whittaker	\$ 10,000.00 (vehicle)
11)05/23/2019	3438 Ellsworth	\$ 0.00 (Mutual Aid – Pittsfield Township)
12)05/24/2019	8361 Lakeview Court	\$ 0.00 (Mutual Aid – Superior Township)
13)05/27/2019	1416 Village Lane	\$ 500.00 (dumpster)
14)05/31/2019	413 N Hewitt	\$ 80,000.00 (building)

Respectfully submitted,

Rhonda Bates, Clerical Support Staff
Charter Township of Ypsilanti Fire Department

Attachment: Image Trend Incident Type Report (Summary): 05/01/2019 – 05/31/2019

Ypsilanti Township - Incident Type Report (Summary)
monthly

Basic Incident Type Code And Description (FD1.21)	Total Incidents	Total Incidents Percent of Incidents	Total Property Loss	Total Content Loss	Total Loss	Total Loss Percent of Total
Incident Type Category (FD1.21): 1 - Fire						
111 - Building fire	5	1.37%	120000.00	7250.00	127250.00	92.38%
113 - Cooking fire, confined to container	5	1.37%	0.00	0.00	0.00	0.00%
131 - Passenger vehicle fire	1	0.27%	10000.00	0.00	10000.00	7.26%
142 - Brush or brush-and-grass mixture fire	1	0.27%				
154 - Dumpster or other outside trash receptacle fire	2	0.55%	500.00		500.00	0.36%
Total: 14		Total: 3.83%	Total: 130500.00	Total: 7250.00	Total: 137750.00	Total: 100.00%
Incident Type Category (FD1.21): 2 - Overpressure Rupture, Explosion, Overheat (No Fire)						
251 - Excessive heat, scorch burns with no ignition	1	0.27%				
Total: 1		Total: 0.27%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
Incident Type Category (FD1.21): 3 - Rescue & Emergency Medical Service Incident						
300 - Rescue, EMS incident, other	13	3.55%				
311 - Medical assist, assist EMS crew	2	0.55%				
320 - Emergency medical service, other	2	0.55%				
321 - EMS call, excluding vehicle accident with injury	203	55.46%				
322 - Motor vehicle accident with injuries	1	0.27%				
323 - Motor vehicle/pedestrian accident (MV Ped)	2	0.55%				
324 - Motor vehicle accident with no injuries.	3	0.82%				
331 - Lock-in (if lock out , use 511)	1	0.27%				
353 - Removal of victim(s) from stalled elevator	1	0.27%				
Total: 228		Total: 62.30%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
Incident Type Category (FD1.21): 4 - Hazardous Condition (No Fire)						
411 - Gasoline or other flammable liquid spill	2	0.55%				
424 - Carbon monoxide incident	3	0.82%				
440 - Electrical wiring/equipment problem, other	2	0.55%				
441 - Heat from short circuit (wiring), defective/worn	1	0.27%				
444 - Power line down	2	0.55%				
445 - Arcing, shorted electrical equipment	1	0.27%				
Total: 11		Total: 3.01%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
Incident Type Category (FD1.21): 5 - Service Call						
511 - Lock-out	1	0.27%				
522 - Water or steam leak	1	0.27%				
531 - Smoke or odor removal	2	0.55%				
542 - Animal rescue	1	0.27%				
550 - Public service assistance, other	2	0.55%				
551 - Assist police or other governmental agency	1	0.27%				
553 - Public service	2	0.55%				
554 - Assist invalid	1	0.27%				
561 - Unauthorized burning	1	0.27%				
Total: 12		Total: 3.28%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
Incident Type Category (FD1.21): 6 - Good Intent Call						
611 - Dispatched and cancelled en route	81	22.13%				
651 - Smoke scare, odor of smoke	2	0.55%				

Basic Incident Type Code And Description (FD1.21)	Total Incidents	Total Incidents Percent of Incidents	Total Property Loss	Total Content Loss	Total Loss	Total Loss Percent of Total
653 - Smoke from barbecue, tar kettle	1	0.27%				
	Total: 84	Total: 22.95%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
Incident Type Category (FD1.21): 7 - False Alarm & False Call						
700 - False alarm or false call, other	5	1.37%				
713 - Telephone, malicious false alarm	2	0.55%				
733 - Smoke detector activation due to malfunction	1	0.27%				
735 - Alarm system sounded due to malfunction	4	1.09%				
741 - Sprinkler activation, no fire - unintentional	1	0.27%				
745 - Alarm system activation, no fire - unintentional	2	0.55%				
746 - Carbon monoxide detector activation, no CO	1	0.27%				
	Total: 16	Total: 4.37%	Total: 0.00	Total: 0.00	Total: 0.00	Total: 0.00%
	Total: 366	Total: 100.00%	Total: 130500.00	Total: 7250.00	Total: 137750.00	Total: 100.00%



Charter Township of Ypsilanti

7200 S. HURON RIVER DRIVE • YPSILANTI, MI 48197

SUPERVISOR BRENDA STUMBO • CLERK KAREN LOVEJOY ROE • TREASURER LARRY DOE
TRUSTEES: STAN ELDRIDGE • HEATHER JARRELL ROE • MONICA ROSS WILLIAMS •
JIMMIE WILSON, JR.

WORK SESSION AGENDA CHARTER TOWNSHIP OF YPSILANTI TUESDAY, JULY 16, 2019

6:00pm

**CIVIC CENTER
BOARD ROOM
7200 HURON RIVER DRIVE**

- 1. AGENDA REVIEW SUPERVISOR STUMBO
- 2. OTHER DISCUSSION BOARD MEMBERS

REVIEW AGENDA

- A. SUPERVISOR STUMBO WILL REVIEW BOARD MEETING AGENDA

OTHER DISCUSSION

- A. BOARD MEMBERS HAVE THE OPPORTUNITY TO DISCUSS ANY OTHER PERTINENT ISSUES



Charter Township of Ypsilanti

7200 S. HURON RIVER DRIVE • YPSILANTI, MI 48197

SUPERVISOR BRENDA STUMBO • CLERK KAREN LOVEJOY ROE • TREASURER LARRY DOE
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JIMMIE WILSON, JR.

REGULAR MEETING AGENDA

TUESDAY, JULY 16 2019

7:00 P.M.

1. CALL TO ORDER
2. PLEDGE OF ALLEGIANCE AND INVOCATION
3. PUBLIC HEARING
 - A. 7:00PM - RESOLUTION 2019-32, CREATION OF NEIGHBORHOOD STREETLIGHT SPECIAL ASSESSMENT DISTRICT #217 AMBERLY GROVE SUBDIVISION #2 (PUBLIC HEARING SET AT THE JUNE 18, 2019 REGULAR MEETING)
4. PUBLIC COMMENTS
5. CONSENT AGENDA
 - A. MINUTES OF THE JUNE 18, 2019 WORK SESSION AND REGULAR MEETING AND MINUTES OF THE JULY 2, 2019 WORK SESSION AND REGULAR MEETING
 - B. STATEMENTS AND CHECKS
 1. STATEMENTS AND CHECKS FOR JULY 16, 2019 IN THE AMOUNT OF \$1,213,252.61
 2. CHOICE HEALTH CARE DEDUCTIBLE ACH EFT FOR JUNE 2019 IN THE AMOUNT OF \$39,448.48
 3. CHOICE HEALTH CARE ADMIN FEE FOR MAY 2019 IN THE AMOUNT OF \$1,109.50
 - C. JUNE 2019 TREASURER'S REPORT
6. ATTORNEY REPORT
 - A. GENERAL LEGAL UPDATE

OLD BUSINESS

1. 2ND READING OF RESOLUTION 2019-27, PROPOSED ORDINANCE 2019-488, AN ORDINANCE AMENDING THE CODE OF ORDINANCES, CHARTER TOWNSHIP OF YPSILANTI, CHAPTER 30, ARTICLE II ENTITLED FIRE PREVENTION CODE BY THE ADOPTION OF THE 2018 EDITION OF THE INTERNATIONAL FIRE PREVENTION CODE
(FIRST READING HELD AT THE JUNE 18, 2019 REGULAR MEETING)

2. 2ND READING OF RESOLUTION 2019-26, PROPOSED ORDINANCE 2019-487, AMENDING THE ZONING ORDINANCE TO ADD ARTICLE XI-A ECORSE RD. FORM BASED DISTRICT TO ENACT FORM BASED ZONING AND UPDATED USES AND TO REZONE ECORSE RD. TO BE CONSISTENT WITH THE ARTICLE XI-A ZONING ORDINANCE LANGUAGE
(FIRST READING HELD AT THE JUNE 18, 2019 REGULAR MEETING)
3. REQUEST TO WAIVE THE FINANCIAL POLICY AND ACCEPT THE LOW QUOTE FOR PURCHASE OF A NEW STOCK SPARTAN FIRE ENGINE FROM ZAHNEN COMPANIES IN THE AMOUNT OF \$515,000.00 BUDGETED IN LINE ITEM #206-970-000-979-000
(ITEM TABLED AT THE JUNE 18, 2019 REGULAR MEETING)

NEW BUSINESS

1. REQUEST TO WAIVE THE FINANCIAL POLICY AND SIGN THE PURCHASE AGREEMENT WITH ZAHNEN TO PURCHASE TWO (2) SPARTAN FIRE ENGINES IN THE AMOUNT OF \$1,025,000.00 WITH \$525,000.00 BUDGET IN LINE ITEM 206-970-000-979-000 AND THE REMAINING \$500,000.00 TO BE BUDGETED IN LINE ITEM #101-970-000-975-206 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT
2. REQUEST APPROVAL OF NON UNION JOB DESCRIPTION OPERATIONS MANAGER AND THE CHANGING OF MICHAEL SARANEN'S POSITION TITLE FROM HYDRO OPERATOR TO OPERATIONS MANAGER
3. REQUEST TO APPROVE AGREEMENT WITH THE WASHTENAW COUNTY ROAD COMMISSION FOR THE INSTALLATION OF SPEED HUMPS ON KEWANEE ST. IN THE AMOUNT OF \$16,962.00 BUDGETED IN LINE ITEM #101-446-000-818-022 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT
4. REQUEST TO APPROVE PROPOSAL WITH GOREN & ASSOCIATES FOR EMPLOYEE TRAINING AND DEVELOPMENT IN THE AMOUNT OF \$14,120.00 BUDGETED IN LINE ITEM #101-227-000-960-000
5. REQUEST TO APPROVE AGREEMENT WITH THE WASHTENAW COUNTY ROAD COMMISSION FOR DESIGN AND CONSTRUCTION OF ROAD IMPROVEMENTS TO US-12 TO BE FUNDED BY A GRANT, SUBJECT TO REVIEW AND REVISIONS BY THE TOWNSHIP ATTORNEY
6. REQUEST AUTHORIZATION FOR THE TOWNSHIP LEGAL COUNSEL, ENGINEERS AND DEPARTMENTS TO ASSIST IN GATHERING INFORMATION ON THE SEAVER FARM PROPERTY AS A POTENTIAL SITE FOR A YMCA STATE OF THE ART PROGRAMMING AND RECREATIONAL FACILITY
7. REQUEST TO SET A PUBLIC HEARING FOR THE CREATION OF STREETLIGHT SPECIAL ASSESSMENT DISTRICT FOR MAJESTIC PONDS AND PONDS AT LAKEWOOD ON AUGUST 20, 2019 AT APPROXIMATELY 7:00PM
8. BUDGET AMENDMENT #12

OTHER BUSINESS

PUBLIC HEARING

Charter Township of Ypsilanti

RESOLUTION NO. 2019-32

CREATION OF STREETLIGHT SPECIAL ASSESSMENT DISTRICT #217 AMBERLY GROVE SUBDIVISION #2

WHEREAS, the Homeowner’s Association for Amberly Grove has requested the installation of three (3) streetlights. It is being requested of the Board of Trustees for the creation and establishment of special assessment district #217 for the purpose of defraying said cost of street lighting by special assessments against the property especially benefited; and

WHEREAS, the Township Clerk requested of Detroit Edison, proposed plans describing the street lighting improvement and the location of said improvements with an estimate of said costs; and

WHEREAS, on June 2, 2019 Brandon Faron of Detroit Edison Community Lighting Group prepared and submitted proposed plans to install street lighting for Amberly Grove, Ypsilanti Township, consisting of 182 parcels, which said plans included, *inter alia*, the installation of **“three (3), stock 11’6” fluted, black, fiberglass posts on concrete foundations and three (3) 39w LED, stock, basic Granville Luminaries”** with the cost of said improvements being approximately:

Total Estimate Construction Cost:.....\$15,190.79
Total Lamp Charge For Three (3) Years:.....\$2,130.84
Contribution (Cost minus 3 years revenue):\$13,059.95
Total Annual Lamp Charges:\$11.08

WHEREAS, on June 6, 2019 the Township Clerk received notification from the Township Assessor that the cost of providing three streetlights for Amberly Grove Subdivision, Ypsilanti Township, consisting of 182 parcels, which said plans included, *inter alia*, the installation of **“three (3), stock 11’6” fluted, black, fiberglass posts on concrete foundations and three (3) 39w LED, stock, basic Granville Luminaries”** will be **\$11.08** per parcel for a 10-year period; thereafter, said costs shall be estimated at **\$3.90** per parcel for street lighting, reflective of the current rates set by DTE as well as current electrical usage for the year,

WHEREAS, the Township Clerk has given notice to each record owner of or party in interest in property to be assessed, by first class mail, addressed to the record owner or party in interest at the address shown on the tax records, at least 10 (ten) days before the July 16, 2019 public hearing, setting forth the district affected in said petition, place and purpose of said public hearing to allow any interested person an opportunity to voice any objection which may be offered against creating said district; and

WHEREAS, the Township Clerk has also published in a newspaper of general circulation the time, place and purpose of said public hearing and the district affected thereto; and

WHEREAS, on July 16, 2019, the Charter Township of Ypsilanti held a public hearing to hear any objections which may be offered against creating said special assessment district.

NOW THEREFORE, BE IT RESOLVED, that special assessment district #217 be created for the purpose of providing three (3) streetlights for Amberly Grove Subdivision, consisting of 182 parcels.

BE IT FURTHER RESOLVED, that the Township Board accepts the plans and estimate of costs as presented by Detroit Edison for Amberly Grove Subdivision, consisting of 182 parcels, which said plans included, *inter alia*, the installation of **“three (3), stock 11’6” fluted, black, fiberglass posts on concrete foundations**

and three (3) 39w LED, stock, basic Granville Luminaries” will be **\$11.08** per parcel for a 10-year period; thereafter, said costs shall be estimated at **\$3.90** per parcel for street lighting, reflective of the current rates set by DTE as well as current electrical usage for the year,

BE IT FURTHER RESOLVED, that the Township Supervisor shall make a special assessment upon all the lands and premises contained herein to defray the expenses of lighting said streets.

BE IT FURTHER RESOLVED, that the Township Board shall hereinafter annually determine on or before September 30 of each year, the amount to be assessed in said district for lighting said streets and shall direct the Township Assessor to levy such amounts therein.

BE IT FURTHER RESOLVED, that when the special assessment roll has been prepared and filed in the office of the Township Clerk, before said assessment roll has been confirmed, the Township Board shall appoint a time and place when it will meet, review and hear any objections to the assessment roll.

BE IT FURTHER RESOLVED, that the Township Board shall give notice of said hearing and filing of the assessment roll in the manner prescribed by statute.

Supervisor
BRENDA L. STUMBO
Clerk
KAREN LOVEJOY ROE
Treasurer
LARRY J. DOE
Trustees
STAN ELDRIDGE
HEATHER JARRELL ROE
MONICA ROSS WILLIAMS
JIMMIE WILSON, JR.



Charter Township of Ypsilanti

Clerk's Office

7200 S. Huron River
Drive
Ypsilanti, MI 48197
Phone: (734) 484-4700
Fax: (734) 484-5156

June 27, 2019

Name
Address
City, State, Zip

Re: *Public Hearing Scheduled for Tuesday, July 16, 2019 at Approximately 7:00pm for the Creation of Streetlight Special Assessment District #217 Amberly Grove Subdivision #2*

Dear Property Owners:

At the request of your Homeowner's Association, the Charter Township of Ypsilanti Board of Trustees set a public hearing to consider the request for the creation of streetlight special assessment district #217 Amberly Grove Subdivision #2 for the installation of three (3) streetlights to be located within the Amberly Grove Subdivision.

This will include your property located at: Property Address
Parcel Number

The public hearing will be held on Tuesday, July 16, 2019 at approximately 7:00 p.m. in the Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township.

The Detroit Edison lamp layout for the proposed new streetlight is located on the back of this letter.

Installation charges for the three (3) streetlights is \$13,059.95. This cost is divided among the one hundred eighty two (182) parcels and is spread over a 10 year period starting in 2019 and expiring in 2028 and equals \$7.18 annually, per parcel. DTE has fixed the annual lamp charges for the first three (3) years, per agreement to \$710.28. This cost is divided among the one hundred eighty two (182) parcels and equals \$3.90 annually, per parcel. After the third year, the costs will reflect the current rates set by DTE, as well as current electrical usage over the year.

Total estimated annual costs for the additional streetlights would be \$11.08 per parcel, per year. Once the installation costs are paid off the total estimated annual costs for the streetlights would be 3.90 per parcel, per year.


You are welcome to attend the meeting or you may send written comments of approval or objection in advance of the public hearing to the address listed above or by email to klovejoyroe@ytown.org or lstanfield@ytown.org.

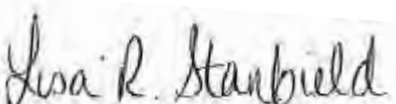
To Legally Protest the Streetlight Special Assessment:

An owner or party in interest, or his or her agent, may appear in person at the hearing to protest the special assessment in person, or may file his or her appearance and protest by letter before the hearing, and in that event, personal appearance shall not be required. The owner or any person having an interest in the real property who protests in writing at or before the hearing may file a written appeal of the special assessment with the State Tax Tribunal within 30 days after the special assessment roll is confirmed.

If you have any questions or need additional information, please feel free to contact my office.

Sincerely,


Karen Lovejoy Roe, Clerk


Lisa Stanfield, Deputy Clerk



July 10, 2019

Charter Township of Ypsilanti
7200 S. Huron River Dr.
Ypsilanti, MI 48197
Attn: Karen Lovejoy Roe

Re: Charter Township of Ypsilanti-Amberly Grove

Attached is the agreement for the work to be performed in the budget letter that was sent on June 2, 2019. A detailed description of the project is outlined in the agreements. Please print **TWO** copies. Please sign **BOTH** copies in the designated areas. A check or Purchase Order in the amount of **\$13,059.95** is also required at this time. Please return **BOTH** signed agreements (as well as check or Purchase Order...made payable to **DTE Energy**) to the following address:

DTE Energy
8001 Haggerty Rd.
Belleville, MI 48111
140 WWSC-Brandon Faron

Upon receipt of BOTH signed copies (and payment), we (DTE Energy) will then sign BOTH copies and return ONE original back to you.

Please call if you have questions, 734-397-4017.

Sincerely,

Brandon R. Faron

Brandon R. Faron
Account Manager
Community Lighting

Exhibit A to Master Agreement

Purchase Agreement

This Purchase Agreement (this "Agreement") is dated as of July 10, 2019 between DTE Electric Company ("Company") and Charter Township of Ypsilanti ("Customer").

This Agreement is a "Purchase Agreement" as referenced in the Master Agreement for Municipal Street Lighting dated May 7, 2018 (the "Master Agreement") between Company and Customer. All of the terms of the Master Agreement are incorporated herein by reference. In the event of an inconsistency between this Agreement and the Master Agreement, the terms of this Agreement shall control.

Customer requests the Company to furnish, install, operate and maintain street lighting equipment as set forth below:

1. DTE Work Order Number:	54471001	
	If this is a conversion or replacement, indicate the Work Order Number for current installed equipment: N/A	
2. Location where Equipment will be installed:	[Spy Glass Lane], as more fully described on the map attached hereto as <u>Attachment 1</u> .	
3. Total number of lights to be installed:	3	
4. Description of Equipment to be installed (the " <u>Equipment</u> "):	Install three (3) 39w LED "Basic" Granvilles and three (3) Code 16 posts on concrete foundations..	
5. Estimated Total Annual Lamp Charges	\$710.28	
6. Computation of Contribution in aid of Construction (" <u>CIAC Amount</u> ")	Total estimated construction cost, including labor, materials, and overhead:	\$15,190.79
	Credit for 3 years of lamp charges:	\$2,130.84
	CIAC Amount (cost minus revenue)	\$13,059.95
7. Payment of CIAC Amount:	Due promptly upon execution of this Agreement	
8. Term of Agreement	5 years. Upon expiration of the initial term, this Agreement shall continue on a month-to-month basis until terminated by mutual written consent of the parties or by either party with thirty (30) days prior written notice to the other party.	
9. Does the requested Customer lighting design meet IESNA recommended practices?	(Check One) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO If "No", Customer must sign below and acknowledge that the lighting design does not meet IESNA recommended practices <div style="text-align: right; margin-top: 10px;">  </div>	
10. Customer Address for Notices:	Charter Township of Ypsilanti 7200 S. Huron River Dr. Ypsilanti, MI 48197 Attn: Karen Lovejoy Roe	

11. Special Order Material Terms:

All or a portion of the Equipment consists of special order material: (check one) YES NO

If "Yes" is checked, Customer and Company agree to the following additional terms.

A. Customer acknowledges that all or a portion of the Equipment is special order materials ("SOM") and not Company's standard stock. Customer will purchase and stock replacement SOM and spare parts. When replacement equipment or spare parts are installed from Customer's inventory, the Company will credit Customer in the amount of the then current material cost of Company standard street lighting equipment.

B. Customer will maintain an initial inventory of at least 0 posts and 0 luminaires and any other materials agreed to by Company and Customer, and will replenish the stock as the same are drawn from inventory. Costs of initial inventory are included in this Agreement. The Customer agrees to work with the Company to adjust inventory levels from time to time to correspond to actual replacement material needs. If Customer fails to maintain the required inventory, Company, after 30 days' notice to Customer, may (but is not required to) order replacement SOM and Customer will reimburse Company for such costs. Customer's acknowledges that failure to maintain required inventory could result in extended outages due to SOM lead times.

C. The inventory will be stored at N/A.
Access to the Customers inventory site must be provided between the hours of 9:00 am to 4:00 pm, Monday through Friday with the exceptions of federal Holidays. Customer shall name an authorized representative to contact regarding inventory: levels, access, usage, transactions, and provide the following contact information to the Company:

Name: N/A Title: N/A
Phone Number: N/A Email: N/A

The Customer will notify the Company of any changes in the Authorized Customer Representative. The Customer must comply with SOM manufacturer's recommended inventory storage guidelines and practices. Damaged SOM will not be installed by the Company.

D. In the event that SOM is damaged by a third party, the Company may (but is not required to) pursue a damage claim against such third party for collection of all labor and stock replacement value associated with the damage claim. Company will promptly notify Customer as to whether Company will pursue such claim.

E. In the event that SOM becomes obsolete or no longer manufactured, the Customer will be allowed to select new alternate SOM that is compatible with the Company's existing infrastructure.

F. Should the Customer experience excessive LED equipment failures, not supported by LED manufacturer warranties, the Company will replace the LED equipment with other Company supported Solid State or High Intensity Discharge luminaires at the Company's discretion. The full cost to complete these replacements to standard street lighting equipment will be the responsibility of the Customer.

Company and Customer have executed this Purchase Agreement as of the date first written above.

Company:

DTE Electric Company

By: _____

Name: _____

Title: _____

Customer:

Charter Township of Ypsilanti

By: _____

Name: _____

Title: _____



Attachment 1 to Purchase Agreement

Map of Location

[To be attached]

PUBLIC COMMENTS

CONSENT AGENDA

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION**

Supervisor Stumbo called the meeting to order at approximately 5:01 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township.

Members Present: Supervisor Stumbo, Clerk Lovejoy Roe and Treasurer Doe
Trustees: Stan Eldridge, Heather Jarrell Roe,
Jimmie Wilson, Jr. and Monica Ross-Williams

Members Absent: none

Legal Counsel: Wm. Douglas Winters

AGENDA REVIEW

A. MINUTES OF THE May 21, 2019 WORK SESSION AND REGULAR MEETING

B. STATEMENTS AND CHECKS

- 1. STATEMENTS AND CHECKS FOR JUNE 4, 2019 IN THE AMOUNT OF \$565,667.62**
- 2. STATEMENTS AND CHECKS FOR JUNE 18, 2019 IN THE AMOUNT OF \$659,334.45**
- 3. CHOICE HEALTH CARE DEDUCTIBLE ACH EFT FOR MAY 2019 IN THE AMOUNT OF \$50,462.70**
- 4. CHOICE HEALTH CARE ADMIN FEE FOR APRIL 2019 IN THE AMOUNT OF \$1,105.50**

C. MAY 2019 TREASURER'S REPORT

ATTORNEY REPORT

A. GENERAL LEGAL UPDATE

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 2**

OLD BUSINESS

- 1. 2ND READING OF RESOLUTION 2019-06, PROPOSED ORDINANCE 2019-486, AN ORDINANCE AMENDING ARTICLE XXVII OF THE ZONING ORDINANCE TO ADD THE CONDITIONAL REZONING TEXT AMENDMENTS (FIRST READING HELD AT THE MAY 7, 2019 REGULAR MEETING)**

Supervisor Stumbo asked Megan Masson-Minock, Carlisle, Wortman & Associates, to explain this ordinance. Ms. Masson-Minock stated this ordinance would be added to the zoning ordinance as an amendment. Ms. Masson-Minock said the action tonight would be to approve the zoning ordinance amendments as presented. Supervisor Stumbo stated the Ecorse Road map showed the designated new zoning districts. Ms. Masson-Minock said the zoning map would change and the text would change.

NEW BUSINESS

- 1. 1ST READING OF RESOLUTION 2019-27, PROPOSED ORDINANCE 2019-488, AN ORDINANCE AMENDING THE CODE OF ORDINANCES, CHARTER TOWNSHIP OF YPSILANTI, CHAPTER 30, ARTICLE II ENTITLED FIRE PREVENTION CODE BY THE ADOPTION OF THE 2018 EDITION OF THE INTERNATIONAL FIRE PREVENTION CODE**

Chief Copeland stated that when trying to move forward regarding development ready status and they realized there was conflict in some of the building development projects in terms of code enforcement as it relates to the building, electrical, and mechanical codes and what effect it has on fire alarm systems. He said the Fire Department was reviewing plans based on the 2012 International Fire Code. He said this Resolution would bring the fire services up to the 2018 IFC (International Fire Code). He said this would expedite reviews of construction plans for new development in Ypsilanti Township.

Trustee Jarrell Roe asked how often there was a new International Fire Code. Chief Copeland said it was every three years so the next one would be in 2021.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 3**

**2. 1st READING OF RESOLUTION 2019-26, PROPOSED ORDINANCE 2019-487,
AMENDING THE ZONING ORDINANCE TO ADD ARTICLE XI-A ECORSE RD.
FORM BASED DISTRICT TO ENACT FORM BASED ZONING AND UPDATED
USES AND TO REZONE ECORSE RD. TO BE CONSISTENT WITH THE ARTICLE
XI-A ZONING ORDINANCE LANGUAGE**

Megan Masson-Minock, Carlisle, Wortman and Associates explained the proposed changes on Ecorse Road through a power point presentation to the Board. She said that some of the lots were very shallow which would make it difficult to have ample parking. Ms. Masson-Minock stated that some of the vacant property on Ecorse between Glenwood and Harris Road would work well for town homes but it was not currently zoned for that so they included that change so they would be allowed. She said auto sales and auto repair would not be allowed in this area because those were not uses that would make this area walkable. She said those types of businesses that are currently there could stay.

Trustee Jarrell Roe asked why the ordinance would not allow drive thru in this area. Ms. Masson-Minock stated that having a drive thru does not create a walkable environment. She said they could have a drive thru but it would have to be in the back and with the lots being shallow, it would not be possible.

Trustee Ross-Williams said in a bank scenario if they did have a drive thru it would be in the back like it is at Chase Bank on Ellsworth by Meijers.

Ms. Masson-Minock said she was not familiar with that area.

Trustee Ross-Williams said the tellers were in the back. Trustee Ross-Williams asked how many auto businesses already exist on Ecorse Road.

Ms. Masson-Minock stated she did not know.

Trustee Ross-Williams said it was probably more than what was needed in regards to residents getting their car repaired. Trustee Ross-Williams said it would be

CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 4

totally appropriate in order to not allow any proposed zoning for additional auto repair.

Supervisor Stumbo asked about the gas stations and car washes. Ms. Masson-Minock stated they stayed as special uses because they heard from residents that those were key businesses that provide basic needed items in their stores. Supervisor Stumbo asked why should we allow any more than what we already have. Ms. Masson-Minock said the ordinance could be revised not to allow any more gas stations. Ms. Masson-Minock said with auto repair there was a lot of parking needed and a lot of cars parked waiting to be serviced. She said with a gas station most of their profit does not come from the gas but from the items purchased in their markets. Supervisor Stumbo stated that currently there were three gas stations/convenient stores and asked how many more were allowed. Ms. Masson-Minock stated anything that was blue or red on the map would allow someone to apply for a special land use.

Trustee Wilson asked what the process was for someone applying for a special land use. Ms. Masson-Minock stated they have to the Planning Commission, go through a Public Hearing and they have discretionary standards where the planning commission is within their rights to say no even if they have met every requirement. Trustee Wilson asked if auto sales and auto repairs could remain if they transfer ownership but if the new owner wants to change the business they have to conform to the new zoning requirements. Trustee Wilson stated they could not add a new auto repair if the old one was replaced by a different business. Ms. Masson-Minock stated that Trustee Wilson was correct.

Supervisor Stumbo stated she remembered in the past a gas station wanting to go into an area that was zoned for special use and it was hard to deny the gas station because they met all the criteria. Ms. Masson-Minock stated that the Planning Commission would need to stick with the conditions for a walkable corridor.

Ms. Masson-Minock stated that if the boards' direction was not to include gas stations and car washes on the list of allowed uses the text could be changed not to allow them. Supervisor Stumbo stated they would remove those business uses

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 5**

and the board agreed to remove if the Planner agreed for the 2nd reading. Ms. Masson-Minock said that the change would be made.

The Board agreed to the change for the 1st Reading of the Ordinance at the Regular meeting.

3. REQUEST TO APPROVE A BORDER TO BORDER TRAIL AGREEMENT FOR BRIDGE RD. TO SNOW RD. AND THE GROVE RD. TRAIL SEGMENT WITH THE WASHTENAW COUNTY PARKS AND RECREATION COMMISSION

Roy Townsend, Washtenaw County Parks & Recreation and Matt Parks, OHM explained the Border to Border Trail Agreement. Mr. Townsend said this was an agreement between Washtenaw County Parks & Recreation and Ypsilanti Township. Mr. Townsend explained the trail they were going to repair and the trail they would extend. He said that Washtenaw County Parks & Recreation would put funds toward the trail and they hoped to get a DNR Grant also. He said the goal for this summer would be to build the section along Grove Road from Bridge down to Snow Road and next year try and build the section from North Hydro up to Grove Rd. and then along the north side of Grove Road from Snow Rd. to Rawsonville Rd. He said the exciting part for the Washtenaw County Parks & Recreation Commission and the Township would be that we finally get to a border, which would be Wayne County.

Matt Parks stated the key part of this agreement with the County was that it helps fund a lot of the pathway that originally the Township was going to use their own funds to rehabilitate and build the new path along Grove Road. He said this was a good cooperative effort and would save the Township money.

Attorney Winters clarified that the Township would be the owner of the trail and would be responsible for maintaining the trail. He said he wanted to make the board aware that they along with future boards would have obligations with this agreement. He questioned how the trail would be maintained through the Phase II River Grove development. He said he knows there was still a lot of work to be done with the Phase II portion of the trail going through River Grove. He said we

CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 6

did not know when the Township acquired the River Grove Property that the trail would go through that property. He would like to make sure that having the trail going through this property would be conducive with developing Phase II of River Grove.

Mr. Parks said that Item #7 on the agenda tonight includes the engineering design for Phase II. He said it gives the Township three options for building out the path on Grove Rd. for Phase II through River Grove. Mr. Parks stated that if the Board authorized Item #7 tonight they would begin working on the overlays immediately and try to get everything wrapped up by the fall so they could go out for bid in the winter.

Attorney Winters asked what the maintenance cost might be for the trail. Mr. Townsend said the maintenance cost for the trails would be whatever the Townships' current standard is for maintenance of the current trail.

Supervisor Stumbo stated that part of this was a current project that was already approved and budgeted. Mr. Townsend agreed that some of the work has already been done, some of it will be done and part of this agreement is that the Township would hire the most qualified contractor for Phase I. Supervisor Stumbo stated it is on the agenda but they have combined the Border to Border trail, the Bridge Road to Snow Rd. on Grove Road and the Iron Belle Trail. Mr. Townsend stated that the Border to Border and the Iron Belle Trail are the same trail in this part of the Township. Mr. Townsend said there would be some Iron Belle funding, approximately \$135,000.00 for the 2019 project on Grove Road. Supervisor Stumbo clarified that the \$497,000.00 is for the current project. Mr. Townsend said for the 2020 project they will have to take bids for the segment of North Hydro Park up to Grove Rd. and the segment from Snow Rd. to Rawsonville on the north side of Grove Road. He said County Parks would bid that out and they would construct that next year. Mr. Townsend stated that Washtenaw County Parks were committed to doing this section in 2020 with WCPR money provided the Township pays for and designs it this year. Mr. Townsend clarified that Phase II would be bid out by Washtenaw County Parks & Recreation.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
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Clerk Lovejoy Roe stated the Resolution 2019-28 is an agreement for the entire project, then there was three items, one to accept the bid that is already bid out for Phase I, a contract where Parks and Recreation will oversee the contracts we are accepting tonight, and then the next agenda item is a request to pay OHM to design Phase II.

Supervisor Stumbo stated that \$497,000.00 was for this current project and it does not include construction of Phase II.

Attorney Winters clarified that if the Board approves this tonight they would be approving OHM to design Phase II pathway for North Hydro Park to Grove Road and on to Rawsonville. Mr. Townsend stated the Washtenaw County Parks and Recreation Commission approved the agreement for Phase II last Tuesday. Mr. Townsend stated that the language commitment is in the contract but it doesn't list a dollar figure because they don't know exactly what that amount would be right now.

Clerk Lovejoy Roe stated it is under the portion of the contract, funding and responsibilities, it states the design estimate is \$50,000.00 but the construction cost will be funded by Washtenaw County Parks and Recreation.

Supervisor Stumbo stated that a letter from the Clerks' Office should clarify Phase II funding.

Mr. Townsend stated the Park Commission was excited to extend the Border to Border Trail connecting into Wayne County.

- 4. RESOLUTION 2019-28, SUPPORT FOR THE IRON BELLE TRAIL IN THE CHARTER TOWNSHIP OF YPSILANTI**

- 5. REQUEST TO AWARD THE LOW BID FOR THE GROVE ROAD PATHWAY EXTENSION PROJECT TO BEST ASPHALT IN THE AMOUNT OF \$371,747.50 WITH A 10% CONTINGENCY AMOUNT OF \$36,752.50 FOR A TOTAL AMOUNT OF \$408,500.00 TO BE BUDGETED IN LINE ITEM #212-970-000-997-007 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT**

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 8**

Matt Parks, OHM stated the low bid came in from a company the Township has worked with in the past, Best Asphalt.

Supervisor Stumbo said that the school has agreed to reimburse the Township approximately \$40,000.00 for some of the project.

6. REQUEST TO APPROVE AGREEMENT WITH OHM FOR CONSTRUCTION SERVICES FOR THE PHASE I GROVE RD. PATHWAY FROM BRIDGE RD. TO SNOW RD. IN THE AMOUNT OF \$33,500.00 TO BE BUDGETED IN LINE ITEM #212-970-000-997-007 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT

Matt Parks, OHM explained this agreement to the Board.

7. REQUEST TO APPROVE AGREEMENT WITH OHM FOR PROFESSIONAL ENGINEERING DESIGN SERVICES FOR THE PHASE II GROVE RD. BORDER TO BORDER PATHWAY FROM SNOW RD. TO RAWSONVILLE RD. IN THE AMOUNT OF \$47,900.00 TO BE BUDGETED IN LINE ITEM #212-970-000-997-007 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT

Matt Parks, OHM explained this agreement to the Board. He said this part would be built in 2020 and paid for by WCPR.

Trustee Jarrell Roe asked why they decided to re-bid this project. Mr. Parks said they originally bid this late last year and a lot of time had passed. He said the contractor who was the low bid was no longer available. He said there were changes including the County Parks adding funding to the project. Mr. Parks said they had to make changes and modifications to the plans. He said the opportunity came along to get additional funding and they decided to make a clean slate and re-bid the project, which turned out better.

Clerk Lovejoy Roe stated if the County is going to bid Phase II the township would need to modify task 4 in the OHM agreement to clarify that. Matt Parks agreed to modify the proposal.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 9**

8. REQUEST TO APPROVE AGREEMENT WITH OHM FOR GEOTECHNICAL SERVICES IN RELATION TO THE CIVIC CENTER POND IN THE AMOUNT OF \$6,850.00 BUDGETED IN LINE ITEM #101-956-000-801-000

Elliott Smith, OHM stated the pond in front of the Civic Center is hard to maintain and winterize. He said it is the Townships' desire to rehabilitate the pond by putting a berm kind of peninsula in front of the Civic Center which will make it easier to remove the fountains for the winter. He said this was just a proposal to work with Geotechnical to see what could be done by testing for soils.

Clerk Lovejoy Roe stated she didn't know it was leaking in the building. Michael Sararen, Hydro Operator stated there has been water under the building for years. He said they would check the sump pump to see if its' working but he believes there is a crack in the foundation but agreed it had not been verified.

Trustee Eldridge asked if one of the recommendations could be to eliminate the pond altogether. He said if the pond is causing structural damage to the building or we have to move the water away from the building wouldn't it be better to eliminate the pond.

Treasurer Doe stated the purpose of the borings is to find out how much clay there is in the soils. He said one recommendation was not to put a new liner into the pond. Treasurer Doe said they want to dig 12-15 feet in the center of the pond to see if they hit sand. He said if they hit sand than the pond will leak without a liner. He said if they dig 15 feet and it is still clay then they could dig the center out and there would be better water turnover with deeper agitations, which would hopefully eliminate all the growth that we have in the pond.

9. RESOLUTION 2019-29, ABANDONED TAX DELINQUENT PROPERTY

Treasurer Doe stated this is something that we do every year which shortens the time property is abandoned and we can turn them around quicker to help with neighborhood stabilization.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 10**

10. RESOLUTION 2019-30, PURCHASE TAX FORECLOSED PROPERTY LOCATED AT 641 GREENLAWN IN THE AMOUNT OF \$24,974.00 BUDGETED IN LINE ITEM #101-950-000-969-011 FROM THE 2019 WASHTENAW COUNTY TREASURER LIST OF TAX FORECLOSED PROPERTIES UNDER THE RIGHT OF FIRST REFUSAL

Supervisor Stumbo stated we do this every year.

11. REQUEST TO APPROVE EQUIPMENT LEASE AGREEMENT WITH THE AMERICAN CENTER FOR MOBILITY FOR THE USE OF AN YPSILANTI TOWNSHIP FIRE TRUCK

Chief Copeland introduced Jim Rollison, AMC and Intertech. Chief Copeland said last month he was doing an inspection at the AMC site and was he approached by Jim Rollison of the possibility for ACM/Intertech to use the Townships' Fire Truck and Firefighters in research and development, testing the impact it would have on driverless vehicles. Chief Copeland said he told Mr. Rollison he would talk with the Township Board. He said Mr. Rollison has come tonight with a lease agreement for the Board. Chief stated Mr. Rollison, has provided insurance certificates, and has had our Attorney review the agreement. Chief Copeland said tonight he was asking the Board to approve the agreement so they could move forward. Mr. Rollison stated this was for the use of the Townships' Fire Truck and their Firefighters who would drive the truck and see how they would interact with the test equipment and infrastructure. Mr. Rollison said it would help to advance the development of the technology for ACM.

Supervisor Stumbo asked how many hours they would the truck for testing. Mr. Rollison stated it was on an as needed basis. He said as they are moving forward with the technology they were getting more requests for emergency vehicles, police cars, and ambulances.

Attorney Winters stated he reviewed the lease which was a three year agreement but he had recommended the lease be a one year agreement. Attorney Winters requested a one year because the hourly rate for the fire fighters may change and

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 WORK SESSION
PAGE 11**

also the rate for the fire truck. Mr. Rollison said it could be for a year or make it a three year contract and include an amendment to evaluate it every year.

Trustee Ross-Williams questioned who would be responsible if the equipment was damaged. Mr. Rollison stated that Intertech would be responsible as soon as it enters the gates. Attorney Winters thought there would be a separate insurance policy. Mr. Rollison said they could provide whatever is needed.

Trustee Jarrell Roe questioned how they would pay the overtime they for fire fighters that would make it fair and equitable. Chief Copeland said Karen Wallin, Human Resources gave them the rates for overtime. Clerk Lovejoy Roe stated that each firefighter would be paid their own overtime rate and not an average for the entire department and the actual cost should be reflected in the agreement.

Mr. Rollison stated the Township could give them an invoice with what each firefighter should be paid each time they work for ACM and pay them their actual rate. He said they would set up in advance for the use of the fire truck and fire fighters so there would be plenty of time to notify the firefighters when they were needed and how much overtime each one would make.

Clerk Lovejoy Roe stated they could make the changes in the agreement regarding the Insurance and the Firefighters overtime hourly rate.

The Work Session adjourned at 6:48p.m.

Respectfully Submitted,

Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 REGULAR BOARD MEETING

Supervisor Stumbo called the meeting to order at approximately 7:00 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township. The Pledge of Allegiance was recited followed by a moment of silent prayer.

Supervisor Stumbo stated that Retiree, Jeri Sizemore, passed away last week and asked to keep her family in your prayers.

Members Present: Supervisor Stumbo, Clerk Lovejoy Roe, Treasurer Doe
Trustees: Stan Eldridge, Heather Jarrell Roe
Jimmie Wilson, Jr., and Monica Ross-Williams

Members Absent: none

Legal Counsel: Wm. Douglas Winters

PUBLIC COMMENTS

JoAnn McCollum, Township Resident, thanked Supervisor Stumbo, Clerk Lovejoy Roe, and Trustee Ross-Williams for their help in keeping the grass cut at the Wiard Road Roundabout. She thanked Trustee Wilson for helping out on West Willow Dumpster Day. She thanked Deputy Bynam for always following up on calls that residents have made. She said if she doesn't put it on "Next Door" Deputy Bynam will put it on "Next Door" which helps to keep the residents informed on our community. She said we have enough gas stations on Ecorse Road. She said she purchases more items in the store in the gas stations because she thinks that gas is very expensive in the gas stations on Ecorse Road. She said they should put a food store on Ecorse Road. Ms. McCollum said she liked the residential structures in the plans for Ecorse Road.

Arloa Kaiser, Township Resident stated she was opposed to Ypsilanti Township giving property next to the Post Office to the YMCA. She said the township spent a lot of money on this property and they should not just to give it away. She said she doesn't want her taxes going up. She said she heard on the radio a woman in power in our state who is proposing MDOT to study our roads. Ms. Kaiser stated she wanted the state to stop wasting money for toll booths and unnecessary studies and just fix the roads. She said she would like people to write letters to the state telling them to stop wasting our tax dollars and just get the basics done.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 REGULAR BOARD MEETING
PAGE 2**

CONSENT AGENDA

A. MINUTES OF THE May 21, 2019 WORK SESSION AND REGULAR MEETING

B. STATEMENTS AND CHECKS

- 1. STATEMENTS AND CHECKS FOR June 4, 2019 IN THE AMOUNT OF \$565,667.62**
- 2. STATEMENTS AND CHECKS FOR JUNE 18, 2019 IN THE AMOUNT OF \$659,334.45**
- 3. CHOICE HEALTH CARE DEDUCTIBLE ACH EFT FOR MAY 2019 IN THE AMOUNT OF \$50,462.70**
- 4. CHOICE HEALTH CARE ADMIN FEE FOR APRIL 2019 IN THE AMOUNT OF \$1,105.50**

C. MAY 2019 TREASURER'S REPORT

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve the Consent Agenda.

The motion carried unanimously.

ATTORNEY REPORT

A. GENERAL LEGAL UPDATE

Attorney Winters stated regarding the Washtenaw Avenue sidewalk easement we are closer to getting the easement from Camelot Apartments. He said the Attorney for Camelot has said KeyBank, the lender, has granted the loan approval for the easement. Attorney Winters stated the Township may get back a portion of their retainer and other money that would not go to KeyBank for a non-refundable review fee. He said the township may get the easements from U-Haul and Mr. Muffler to extend the sidewalk. He said this project may go out for bid this fall and the project would start in 2020.

Attorney Winters said regarding the Township's request mandating that he and Dick Carlisle review recreational marijuana, progress has begun. He said they met and they have begun to map out a strategy on how to move forward. Attorney Winters stated they were hoping to receive the rules from the State of Michigan by the end of the month. He said they would report to the Board any updates to keep the board informed of the progress.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 REGULAR BOARD MEETING
PAGE 3**

OLD BUSINESS

- 1. 2ND READING OF RESOLUTION 2019-06, PROPOSED ORDINANCE 2019-486, AN ORDINANCE AMENDING ARTICLE XXVII OF THE ZONING ORDINANCE TO ADD THE CONDITIONAL REZONING TEXT AMENDMENTS (FIRST READING HELD AT THE MAY 7, 2019 REGULAR MEETING)**

A motion was made by Clerk Lovejoy Roe, supported by Ross Williams to Approve the 2nd Reading of Resolution 2019-06, Proposed Ordinance 2019-486, an Ordinance Amending Article XXVII of the Zoning Ordinance to Add the Conditional Rezoning Text Amendments (First Reading Held at the May 7, 2019 Regular Meeting) (see attached).

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

NEW BUSINESS

- 1. 1ST READING OF RESOLUTION 2019-27, PROPOSED ORDINANCE 2019-488, AN ORDINANCE AMENDING THE CODE OF ORDINANCES, CHARTER TOWNSHIP OF YPSILANTI, CHAPTER 30, ARTICLE II ENTITLED FIRE PREVENTION CODE BY THE ADOPTION OF THE 2018 EDITION OF THE INTERNATIONAL FIRE PREVENTION CODE**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Ross-Williams to Approve the 1st Reading of Resolution 2019-27, Proposed Ordinance 2019-488, an Ordinance amending the Cod of Ordinances, Charter Township of Ypsilanti, Chapter 30, Article II Entitled Fire Prevention Code by the Adoption of the 2018 Edition of the International Fire Prevention Code (see attached).

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

- 2. 1ST READING OF RESOLUTION 2019-26, PROPOSED ORDINANCE 2019-487, AMENDING THE ZONING ORDINANCE TO ADD ARTICLE XI-A ECORSE RD. FORM BASED DISTRICT TO ENACT FORM BASED ZONING AND UPDATED USES AND TO REZONE ECORSE RD. TO BE CONSISTENT WITH THE ARTICLE XI-A ZONING ORDINANCE LANGUAGE**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Wilson to Approve the 1st Reading of Resolution 2019-26, Proposed Ordinance 2019-487

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JUNE 18, 2019 REGULAR BOARD MEETING
PAGE 4**

Amending the Zoning Ordinance to Add Article XI-A Ecorse Rd. Form Based District to Enact Form Based Zoning and Updated Uses and to Rezone Ecorse Rd. to be Consistent with the Article XI-A Zoning Ordinance Language (see attached).

Clerk Lovejoy Roe, supported by Trustee Wilson added a Friendly Amendment to Remove Gas stations, Car Washes, and Auto Repair from the List of Allowed Uses in the Ecorse Road Zoning. The change would not allow any new gas stations, car washes, or auto repair facilities on Ecorse Road.

Megan Masson-Minock, Carlisle Wortman, explained the amendment would be that gas stations and car washes that currently exist on Ecorse Road would become non-conforming uses and they could continue to operate as long as there was not a change in ownership. Ms. Masson-Minock said that if they apply for a non-conforming "A" status they could expand.

JoAnn McCollum, Township Resident stated she feels there are enough Gas Stations and Auto Repair on Ecorse Road. She said she thinks a Food Store would be a great addition to Ecorse Road.

Supervisor Stumbo stated that the plan was to make the Ecorse Road Corridor a walkable downtown area with restaurants and shops.

Trustee Wilson stated he was at the final meeting with business owners in the area and they were satisfied that they could remain the way they were and if they decide they could expand.

Roll Call Vote on the Original Motion and the Friendly Amendment:

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

3. REQUEST TO APPROVE A BORDER TO BORDER TRAIL AGREEMENT FOR BRIDGE RD. TO SNOW RD. AND THE GROVE RD. TRAIL SEGMENT WITH THE WASHTENAW COUNTY PARKS AND RECREATION COMMISSION

A motion was made by Clerk Lovejoy Roe, supported by Trustee Ross-Williams to Approve the Request to Approve a Border to Border Trail Agreement for Bridge, Rd. to Snow Rd. and the Grove Rd. Trail Segment with the Washtenaw County Parks and Recreation Commission (see attached).

The motion carried unanimously.

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**4. RESOLUTION 2019-28, SUPPORT FOR THE IRON BELLE TRAIL IN THE
CHARTER TOWNSHIP OF YPSILANTI**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Ross-Williams to Approve Resolution 2019-28, Support for the Iron Belle Trail in the Charter Township of Ypsilanti (see attached).

The motion carried unanimously.

**5. REQUEST TO AWARD THE LOW BID FOR THE GROVE ROAD PATHWAY
EXTENSION PROJECT TO BEST ASPHALT IN THE AMOUNT OF \$371,747.50
WITH A 10% CONTINGENCY AMOUNT OF \$36,752.50 FOR A TOTAL
AMOUNT OF \$408,500.00 TO BE BUDGETED IN LINE ITEM #212-970-000-
997-007 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT**

A motion was made by Treasurer Doe, supported by Trustee Ross-Williams to Approve Request to Award the Low Bid for the Grove Road Pathway Extension Project to Best Asphalt in the Amount of \$371,747.50 with a 10% Contingency Amount of \$36,752.50 for a Total Amount of \$408,500.00 to be Budgeted in Line Item #212-970-000-997-007 Contingent Upon Approval of the Budget Amendment.

The motion carried unanimously.

**6. REQUEST TO APPROVE AGREEMENT WITH OHM FOR CONSTRUCTION
SERVICES FOR THE PHASE I GROVE RD. PATHWAY FROM BRIDGE RD. TO
SNOW RD. IN THE AMOUNT OF \$33,500.00 TO BE BUDGETED IN LINE ITEM
#212-970-000-997-007 CONTINGENT UPON APPROVAL OF THE BUDGET
AMENDMENT**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Jarrell Roe to Approve Agreement with OHM for Construction Services for the Phase I Grove Rd. Pathway from Bridge Rd. to Snow Rd. in the Amount of \$33,500.00 to be Budgeted in Line Item #212-970-000-997-007 Contingent Upon Approval of the Budget Amendment (see attached).

The motion carried unanimously.

**7. REQUEST TO APPROVE AGREEMENT WITH OHM FOR PROFESSIONAL
ENGINEERING DESIGN SERVICES FOR THE PHASE II GROVE RD. BORDER TO
BORDER PATHWAY FROM SNOW RD. TO RAWSONVILLE RD. IN THE
AMOUNT OF \$47,900.00 TO BE BUDGETED IN LINE ITEM #212-970-000-997-
007 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Wilson to Approve Agreement with OHM for Professional Engineering Design Services for the Phase II Grove Rd. Border to Border Pathway from Snow Rd. to Rawsonville Rd. in the Amount of \$47,900.00 to be Budgeted in Line Item #212-970-000-997-007 Contingent Upon Approval of Budget Amendment (see attached).

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Clerk Lovejoy Roe stated they need to change the proposal before it is signed to specify that Washtenaw County Parks and Recreation would bid the project and not Ypsilanti Township.

Supervisor Stumbo stated this includes design work from North Hydro to Grove Road.

Ms. Herndon, Township Resident was wondering about the school on Mary Catherine. Clerk Lovejoy Roe stated it was Van Buren property that was vacant for years but she does not have any information regarding the property.

Supervisor Stumbo stated they would look into it. She said they had heard a Church purchased the property.

Ms. Herndon asked if the Township Board had any influence with YCUA about the flood situation.

Supervisor Stumbo stated there was a bad flood in that area and YCUA was handling it.

Clerk Lovejoy Roe stated at the West Willow Association Meeting residents said they did not feel they were being heard by YCUA. She said they encouraged residents to notify Crystal Campbell, the Neighborhood Watch Coordinator, or they could email any of the board members and they would forward the concerns to YCUA.

The motion carried unanimously.

8. REQUEST TO APPROVE AGREEMENT WITH OHM FOR GEOTECHNICAL SERVICES IN RELATION TO THE CIVIC CENTER POND IN THE AMOUNT OF \$6,850.00 BUDGETED IN LINE ITEM #101-956-000-801-000

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve Agreement with OHM for Geotechnical Services in Relation to the Civic Center Pond in the Amount of \$6,850.00 Budgeted in Line Item #101-956-000-801-000 (see attached).

The motion carried unanimously.

9. RESOLUTION 2019-29, ABANDONED TAX DELINQUENT PROPERTY

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve Resolution 2019-29, Abandoned Tax Delinquent Property (see attached).

The motion carried unanimously.

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10. RESOLUTION 2019-30, PURCHASE TAX FORECLOSED PROPERTY LOCATED AT 641 GREENLAWN IN THE AMOUNT OF \$24,974.00 BUDGETED IN LINE ITEM #101-950-000-969-011 FROM THE 2019 WASHTENAW COUNTY TREASURER LIST OF TAX FORECLOSED PROPERTIES UNDER THE RIGHT OF FIRST REFUSAL

A motion was made by Clerk Lovejoy Roe, supported by Trustee Wilson to Approve Resolution 2019-30, Purchase Tax Foreclosed Property Located at 641 Greenlawn in the Amount of \$24,974.00 Budgeted in Line Item #101-950-000-969-011 from the 2019 Washtenaw County Treasurer List of Tax Foreclosed Properties Under the Right of First Refusal (see attached).

The motion carried unanimously.

11. REQUEST TO APPROVE EQUIPMENT LEASE AGREEMENT WITH THE AMERICAN CENTER FOR MOBILITY FOR THE USE OF AN YPSILANTI TOWNSHIP FIRE TRUCK

Clerk Lovejoy Roe stated this motion was subject to Attorneys' review including reviewing the insurance, change to reflect a one-year lease, and include the real wages for each Firefighter.

Chief Copeland explained that this was over-time for staff and it would not have an impact on their work staff. He said it was a great opportunity for the fire service but also for our Township Board to collaborate with AMC on this venture. He said his staff were excited to be a part of the testing for autonomous vehicles.

A motion was made by Clerk Lovejoy Roe, supported by Trustee Eldridge to Approve Equipment Lease Agreement with the American Center for Mobility for the use of an Ypsilanti Township Fire Truck Pending Attorney Review of the Contract and Updates to Fire Fighter Wage Information, Length of Contract and Insurance Information.

The motion carried unanimously.

12. REQUEST TO WAIVE THE FINANCIAL POLICY AND ACCEPT THE LOW QUOTE FOR PURCHASE OF A NEW STOCK SPARTAN FIRE ENGINE FROM ZAHNEN COMPANIES IN THE AMOUNT OF \$515,000.00 BUDGETED IN LINE ITEM #206-970-000-979-000

A motion was made by Treasurer Doe, supported by Trustee Eldridge to Approve Request to Waive the Financial Policy and Accept the Low Quote for Purchase of a New Stock Spartan Fire Engine from Zahn Companies in the Amount of \$515,000.00 Budgeted in lien Item #206-970-000-979-000.

Chief Copeland introduced Dan Kimball, Fire Marshall and Fred Anstead, Captain. He said they have served on the truck committee for many years.

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Captain Anstead explained to the board the Fire Truck fleet they currently have in the Township. He said the industry standard is to replace a fire truck about every ten years or 100,000 miles and then the old truck would go into a reserve fleet status. He said truck 14-4 at the Textile Road station has 108,000 miles and is the one they would like to replace. He said some of the area they service has no fire hydrants so the new truck would carry 250 more gallons of water than the current truck. Captain Anstead explained with a slide presentation the process of deciding on the specific Fire Truck that they were proposing the Township to purchase.

Trustee Ross-Williams asked how does this total work with the fund balance. Chief Copeland said the truck price came in about \$10,000.00 under budget for what was budgeted in 2019. She asked if the 108,000 miles came up because of the mutual aid program. Captain Anstead said some might have put extra miles on it but this station does not usually respond to the mutual aid runs. Trustee William-Ross asked why did they pick to replace 14-4 because both the trucks were eleven years old. Captain Anstead said they looked at all the trucks and 14-4 seemed to have more maintenance issues over the last few years. He said they planned on replacing the other truck next year.

Captain Anstead said that the salesman contacted them today and said they had another stock truck available for the same price if we wanted to take them both. Captain Anstead said they knew they didn't have enough money to purchase both in their fund but if they could borrow from the general fund they could proceed in purchasing two trucks if the Board approves it tonight. He said they would pay it back with the millage that was approved last year.

Trustee Ross-Williams wondered if we purchased two trucks at the same time would they have additional discounts. Captain Anstead said they could look into it but they are a stock truck. He said he knows that when they purchase an additional truck next year it will cost \$15,000.00 to \$20,000.00 more for the same truck.

Javonna Neel, Accounting Director stated they would have to do a budget amendment and she did revise an amendment to include the additional \$515,000.00 from the General Fund if the Board agrees tonight to purchase both fire trucks. She said the Fire Department would pay the General Fund back in installments.

Trustee Eldridge asked why were they waiving the financial policy when in the board packet there was pricing from competitors but there was no break down pricing for us to compare with other vendors.

Captain Anstead said they have talked with other vendors and this was the lowest price. Captain Anstead said that even if they have them build out this exact truck with other vendors the cost would still be higher.

Clerk Lovejoy Roe said the reason the financial policy needed to be waived was because the policy states they would first come to the board to get authorization

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to go out for bids with the bid specs, and then we would receive sealed bids but instead they went out and got quotes and not sealed bids.

Supervisor Stumbo says there are three quotes but our policy states we have to bid it. She said if we just get three quotes we have to formally waive the financial policy.

Captain Anstead stated that after speaking with the vendors if they feel we were not going to go with them they won't even send in a bid because it is expensive for them to draft a bid.

Trustee Eldridge asked if any of the equipment from the old truck could be used on the new truck.

Captain Anstead stated some might but the old truck will still be used in a reserve mode.

Trustee Eldridge asked about the warranty for the engine on the truck.

Captain Anstead said the engine and transmission warranty were both five years.

Trustee Eldridge stated that it said the warranty information was attached but he could not find it.

Captain Anstead said he must of not printed it.

Clerk Lovejoy Roe said this was just a proposal and we do not have an agreement.

Trustee Eldridge asked if we could look into this and they could bring it back on July 2, 2019.

Captain Anstead said that if they sell the truck by then they would have to wait until the next group of trucks were built because they won't hold the truck unless there was a purchase agreement.

Trustee Eldridge stated that if they said the price was good for thirty days and the truck was not held for thirty days that may not be a good company to deal with.

Captain Anstead stated they purchased their last truck from this company and had no issues with them.

Chief Copeland said it stated in the document that it was subject to prior sale. Chief Copeland stated these trucks were on a first come basis so if another municipality shows up and purchases it they will get it.

Trustee Ross-Williams questioned that at the bottom of the proposals it states unless accepted within thirty days they have the right to withdraw their proposal.

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Supervisor Stumbo said that it states they are prepared to manufacturer a truck for us. She said the gentlemen stated that this company already has one manufactured and was ready to go.

Captain Anstead said the new truck would replace the 2008 truck and the 2008 truck will replace the reserve 1990 truck which would be retired.

Clerk Lovejoy Roe asked Javonna Neel, Accounting Director what was still owed on the previous fire truck that the Fire Department purchased with borrowed money from the general fund.

Chief Copeland said he thought there was six years remaining on the payment schedule for that truck.

Javonna Neel said she believed it was about \$215,000.00.

Clerk Lovejoy Roe asked how soon they could pay it back.

Javonna Neel said they received the millage which would begin in 2020 and they would be able to pay for the second new truck. Ms. Neel said that they would be able to accelerate the payment for the remainder of the \$215,000.00.

Trustee Eldridge questioned who would we be buying the truck from since it says it's a Spartan truck but on the letter head the company is listed as Zahnen Companies.

Captain Anstead stated it was a Spartan truck but Zahnen Company is the Michigan Dealer for Spartan trucks. Captain Anstead stated even if we purchase this truck it would be about ninety days before the truck would be delivered because of the additional equipment that was needed to be installed on the truck. Captain Anstead said the truck they purchased in 2015 cost \$594,000.00 and this truck was \$515,000.00. He said this was already a good deal.

Trustee Ross-Williams stated if two firetrucks were purchased at the same time she would want to have a discount before she would vote for it.

Captain Anstead said he would have to call the salesman.

Attorney Winters stated there were more questions than he could answer because this was different than previous contracts. He said it was hard to figure out the warranties for different parts of the truck and would like it to be clarified. He said he remembers previously having some issues when dealing with this company in Greenville.

Captain Anstead said there were issues about when the payment was due and we paid them for the truck in full upon delivery.

Attorney Winters said there were also other warranty issues.

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Trustee Jarrell Roe stated she has learned more in the last 20 minutes regarding Fire Trucks and thanked them for the explanation. She said she was not a board member to want to be pushed under the gun to make a decision about anything. She asked how important it was to purchase this truck now or wait until July 2, 2019. She said she hears them when they say other municipalities could come and purchase the truck if we don't do it tonight but she asked what impact it would have on them.

Captain Anstead said that it speeds up the timeline so they can get the trucks in here and would cut our maintenance costs. He said he doesn't like to be under the gun either but he does not want to wait another 180 days for another fire truck.

Trustee Jarrell Roe asked if the board approved this tonight how soon would the fire truck be delivered.

Captain Anstead said it would be about 60-90 days.

Trustee Eldridge stated he thought every board member wants the Fire Department to get a Fire Truck but he said he needed more information.

Supervisor Stumbo stated the Fire Department has always wanted to purchase the two trucks but custom trucks were much more expensive than the stock trucks. She said the opportunity came up to purchase a stock truck and then today the opportunity came up for the additional stock truck. She said they always wanted to replace the two trucks with two new trucks but the budget would not sustain it.

Clerk Lovejoy Roe asked if there were other vendors that built stock fire trucks.

Captain Anstead replied that there were. Clerk Lovejoy Roe asked why they wanted to go with Spartan.

Captain Anstead said Spartan was always more cost effective.

Clerk Lovejoy Roe said she agrees with Trustee Eldridge that no one is against purchasing the fire truck, in fact she said she would like to purchase both of the trucks if it could be worked out but she said she agrees with Trustee Ross-Williams about the possibility of a discount when purchasing two. She said the reason this was so hard to do was because it was not following our policy.

Trustee Ross-Williams said that she would like to see this come back to the board at the July 2, 2019 meeting with the questions answered.

Trustee Eldridge stated he doesn't think that we would get a discount for purchasing two trucks. He said he wasn't against purchasing two trucks for the price but would like more of a legal document.

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Clerk Lovejoy Roe asked if we could make a motion to purchase the two trucks subject to the agreement which would be brought to the board and would that be enough for them to save the two trucks.

Chief Copeland said he would bring a purchase agreement that was approved by Attorney Winters, for the two trucks, including warranty information to the July 2, 2019 board meeting for Board approval.

A motion by Trustee Eldridge, supported by Trustee Ross-Williams to table this until the July 2, 2019 board meeting.

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

13. REQUEST TO APPROVE RESOLUTION ESTABLISHING AUTHORIZED SIGNATORIES FOR MERS CONTRACTS AND SERVICE CREDIT PURCHASE APPROVALS

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve Resolution Establishing Authorized Signatories for Mers Contracts and Service Credit Purchase Approvals (see attached).

The motion carried unanimously.

14. REQUEST APPROVAL OF THE 2019 L-4029

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve the Request Approval of the 2019 L-4029 (see attached).

The motion carried unanimously.

15. REQUEST APPROVAL OF AGREEMENT WITH WASHTENAW COMMUNITY COLLEGE FOR EXTENSION CENTER OFFERINGS FOR THE PERIOD OF JULY 1, 2019 TO JUNE 30, 2020

A motion was made by Clerk Lovejoy Roe, supported by Trustee Ross-Williams to Approve Agreement with Washtenaw Community College for Extension Center Offerings for the Period of July 1, 2019 to June 30, 2020.

Attorney Winters questioned the insurance for this program. Clerk Lovejoy Roe said she thought we had Certs for this and she asked Lisa Stanfield, Deputy Clerk to looked for the Certs.

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A motion was made by Ross-Williams, supported by Trustee Eldridge to Table this Request.

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

16. REQUEST APPROVAL OF AGREEMENT WITH THE NATIONAL KIDNEY FOUNDATION FOR ENHANCE FITNESS CLASSES AT THE COMMUNITY CENTER FOR 2020

A motion was made by Trustee Jarrell Roe, supported by Trustee Eldridge to Approve Agreement with National Kidney Foundation for Enhance Fitness Classes at the Community Center for 2010.

Attorney Winters questioned the language regarding this Agreement and would like our Insurance people to look into it.

A motion was made by Trustee Eldridge, supported by Trustee Wilson to Table this request.

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

17. REQUEST TO SET A PUBLIC HEARING DATE OF TUESDAY, JULY 2, 2019 AT APPROXIMATELY 7:00PM FOR TWO PRIVATE ROAD VARIANCES

A motion was made by Clerk Lovejoy Roe, supported by Trustee Jarrell Roe to Approve Request to Set a Public Hearing Date of Tuesday, July 2, 2019 at Approximately 7:00PM for Two Private Road Variances.

The motion carried unanimously.

18. REQUEST TO SET A PUBLIC HEARING DATE OF TUESDAY, JULY 16, 2019 AT APPROXIMATELY 7:00PM FOR THE CREATION OF STREETLIGHT SPECIAL ASSESSMENT DISTRICT #217 AMBERLY GROVE SUBDIVISION #2

A motion was made by Treasurer Doe, supported by Trustee Jarrell Roe to Approve Request to set a Public Hearing Date of Tuesday, July 16, 2019 at Approximately 7:00PM for the Creation of Streetlight Special Assessment District #217 Amberly Grove Subdivision #2.

The motion carried unanimously.

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**19. REQUEST TO SCHEDULE A REGULAR TOWNSHIP BOARD WORK SESSION
AND BOARD MEETING ON TUESDAY, JULY 2, 2019 AT 5:00PM AND 7:00PM**

A motion was made by Trustee Eldridge, supported by Clerk Lovejoy Roe to Approve the Request to Schedule a Regular Township Board Work Session and Board Meeting on Tuesday, July 2, 2019 at 5:00PM and 7PM.

The motion carried unanimously.

20. BUDGET AMENDMENT #10

A motion was made by Trustee Ross-Williams, supported by Clerk Lovejoy Roe to Approve Budget Amendment #10 (see attached)

The motion carried unanimously.

AUTHORIZATION AND BIDS

**1. REQUEST TO SEEK SEALED BIDS FOR THE INSTALLATION OF A CONCRETE
SLAB AT THE HYDRO STATION**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Eldridge to Approve Request to Seek Bids for the Installation of a Concrete Slab at the Hydro Station.

The motion carried unanimously.

**2. REQUEST TO SEEK SEALED BIDS FOR SHORE STABILIZATION ISSUES IN TWO
AREAS OF FORD LAKE PARK**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Eldridge to Approve the Request to Seek Sealed bids for Shore Stabilization Issues in Two Areas of Ford Lake Park.

Elliott Smith, OHM explained the slope erosion on Grove Road and in Loonfeather Park on the west slope. He said their recommendation should be completed in about two weeks.

The motion carried unanimously.

**3. REQUEST TO SEEK SEALED BIDS FOR THE CONSTRUCTION AND
INSTALLATION OF A NEW GENERATOR AT THE LAW ENFORCEMENT CENTER**

A motion was made by Trustee Wilson, supported by Clerk Lovejoy Roe to Approve the Request to Seek Sealed Bids for the Construction and Installation of a new Generator at the Law Enforcement Center.

The motion carried unanimously.

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OTHER BUSINESS

A motion was made by Trustee Wilson, supported by Clerk Lovejoy Roe to Adjourn.

The motion carried unanimously.

The meeting was adjourned at approximately 8:51PM.

Respectfully Submitted,

Brenda L. Stumbo, Supervisor
Charter Township of Ypsilanti

Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-06 (In Reference to Ordinance 2019-486)

AMENDING ARTICLE XXVII OF THE ZONING ORDINANCE TO ADD THE CONDITIONAL REZONING TEXT AMENDMENTS

Whereas, Section 3405 of the Michigan Zoning Enabling Act, PA 110 of 2006, as amended, authorizes a property owner, or their authorized representative, to voluntarily offer conditions to the rezoning of their property as a means to provide a voluntary mechanism for an applicant to self-limit their request; and

Whereas, the Township Planning Consultants recommended updates to the zoning ordinance to specify the process and circumstances for conditional rezonings under the Michigan Zoning Enabling Act; and

Whereas, the Township Planning Consultants have recommended amendments to the Charter Township of Ypsilanti's (Township) Planning Commission (Commission) to the Township's Zoning Code; and

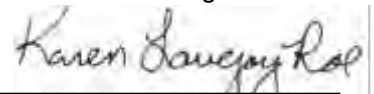
Whereas, at its regularly scheduled meeting held April 9, 2019, the Commission recommended approval of the Planning Consultant's proposed amendments to the Township's Zoning Code to the Township Board to update Article XXVII – Changes and Amendments to specify the process and circumstances for conditional rezonings,

Whereas, proposed Ordinance No. 2019-486 has revised the current existing Ordinance in such a fashion as to incorporate the above changes recommended; and

Whereas, the Charter Township of Ypsilanti Board of Trustees (Board) agrees with the request of the Planning Commission;

Now Therefore, Be it resolved, that the Charter Township of Ypsilanti Board of Trustees does hereby approve Ordinance No. 2019-486 as attached, by amending Article XXVII of the Township's Zoning Code as noted, replacing it with proposed Ordinance No. 2019-486, which ordinance reflects the suggestions and input of the Township's Planning Consultant as recommended by the Commission.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2019-06 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on June 18, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI

ORDINANCE 2019-486

AN ORDINANCE AMENDING ARTICLE XXVII OF THE ZONING ORDINANCE TO ADD THE CONDITIONAL REZONING TEXT AMENDMENTS

The Charter Township of Ypsilanti hereby ordains that the Ypsilanti Township Zoning Code, adopted May 18, 1994, shall be amended as follows:

SECTION 1. AMENDMENT TO TOWNSHIP ZONING ORDINANCE ARTICLE XXVII:

Township Zoning Ordinance Article XXVII, "Changes and Amendments" by amending Section 2701 "Initiation of amendments", and adding Section 2705 "Conditional amendment of the official zoning map", as follows:

Sec. 2701. - Sec. 2701. - Initiation of amendments:

The township board may from time to time, on recommendation from the planning commission, amend, supplement or change the district boundaries or the regulations herein, or subsequently established herein. Amendments to the provisions of this ordinance (i.e. ordinance text amendment) may be initiated by the township board, the planning commission or by petition from one or more residents or property owners of the township. An amendment to the official zoning map (i.e. rezoning) may be initiated by the township board, the planning commission or by the owner or owners of the property that is the subject of the proposed amendment. All proposed amendments to the provisions of this ordinance or the official zoning map shall be referred to the planning commission for public hearing and recommendation to the township board, prior to consideration thereof by the township board pursuant to the authority and procedure established in Act. No. 184 of the Public Acts of Michigan of 1943 (MCL 125.271 et seq.) Act No. 110 of the Public Acts of Michigan of 2006 (MCL 125.3101 et seq.), as amended.

Sec. 2705. – Conditional amendment of the official zoning map:

The Township Board shall have the authority to place conditions on an amendment to the official zoning map, commonly referred to as a conditional rezoning, provided the conditions have been voluntarily offered in writing by the applicant and are acceptable to the Township Board. In exercising its authority to consider a conditional rezoning, the Township is also authorized to impose the following limitations:

- (a) An owner of land may voluntarily offer written conditions relating to the use and/or development of land for which a conditional rezoning is requested. This offer may be made either at the time the application for conditional rezoning is filed, or additional conditions may be offered at a later time during the conditional rezoning process as set forth below.
 - (1) The owner's offer of conditions may not authorize uses or developments not permitted in the requested zoning district. The owner's offer of conditions shall bear a reasonable and rational relationship to the property for which the conditional rezoning is requested.
 - (2) A conditional rezoning that would also require approval of a conditional use, variance or site plan under the terms of this ordinance shall not be effective until approval for a conditional use, variance or site plan is ultimately granted in accordance with the provisions of this ordinance.
- (b) The offer of conditions may be amended during the process of conditional rezoning consideration, provided that any amended or additional conditions are entered voluntarily by the owner and confirmed in writing. An owner may withdraw in writing all or part of its offer of conditions any time prior to final rezoning action of the Township Board, provided that, if such withdrawal occurs subsequent to the Planning Commission's public hearing on the original rezoning request, then the

rezoning application shall be referred back to the Planning Commission for a new public hearing with appropriate notice and a new recommendation.

- (c) The procedure for consideration of Conditional Rezoning request by the Planning Commission and Township Board shall be the same as provided in Section 2702 for all other requests for amendments to the official zoning map. The following additional information shall also be required:
 - (1) A Conditional Rezoning request shall be initiated by the submission of a proposed Conditional Rezoning Agreement. A Conditional Rezoning Agreement shall include the following:
 - a. A written statement prepared by the applicant that confirms the Conditional Rezoning Agreement was proposed by the applicant and entered into voluntarily.
 - b. A written statement prepared by the applicant that confirms that the property shall not be used or developed in a manner that is inconsistent with conditions placed on the rezoning.
 - c. A list of conditions proposed by the applicant.
 - d. A time frame for completing the proposed improvements.
 - e. A legal description of the land.
 - f. A Sketch Plan in sufficient detail to illustrate any specific conditions proposed by the applicant.
 - (2) The Notice of Public Hearing on a Conditional Rezoning request shall include a general description of the proposed agreement being considered. A review of the proposed agreement shall be conducted at the public hearing.
 - (3) A Conditional Rezoning may be approved upon the criteria set forth in Sec. 2704 and a finding and determination that all of the following are satisfied:
 - a. The conditions, proposed development, and/or proposed use of the land are designed or proposed for public health, safety, and welfare purposes.
 - b. The conditions, proposed development and/or proposed use are not in material conflict with the Master Plan, or, if there is material conflict with the Master Plan, such conflict is due to one of the following:
 - i. A change in Township policy since the Master Plan was adopted.
 - ii. A change in conditions since the Master Plan was adopted.
 - iii. An error in the Master Plan.
 - c. The conditions, proposed development and/or proposed use are in accordance with all terms and provisions of the zoning district to which the land is to be rezoned, except as otherwise allowed in the Conditional Rezoning Agreement.
 - d. The conditions, proposed development and/or proposed use shall insure compatibility with adjacent uses of land.
- (d) Upon approval by the Township Board of a Conditional Rezoning request and a Conditional Rezoning Agreement, as provided by this Section, the Zoning Map shall be amended to reflect a new zoning classification along with a relevant designation that will provide reasonable notice of the Conditional Rezoning Agreement.

- (e) A Conditional Rezoning Approval shall expire following a period of time from the effective date of the rezoning established by the Township Board, unless progress has been diligently pursued and substantial completion has occurred in accordance with permits issued by the Township.
 - (1) In the event the conditional rezoning expires, the rezoning and the Conditional Rezoning Agreement shall be void and of no effect.
 - (2) If the Conditional Rezoning becomes void, no development shall be undertaken and no permits for development shall be issued until such time as a new zoning district classification of the property has become effective as a result of one or both of the following actions that may be taken:
 - a. The property owner seeks a new rezoning classification for the property; and/or
 - b. The Township initiates a new rezoning request for the property to a reasonable district classification, in accordance with the conventional rezoning procedure.
- (f) Recording. A Conditional Rezoning Approval shall not become effective until the Conditional Rezoning Agreement is recorded with the Washtenaw County Register of Deeds and a certified copy of the Agreement is filed with the Township Clerk.
- (g) Violation of Conditional Rezoning Agreement. If development and/or actions are undertaken on or with respect to the property in violation of the Conditional Rezoning Agreement, such development and/or actions shall constitute a violation of this ordinance and deemed a nuisance per se. In such case, the Township may issue a stop work order relative to the property and seek any other lawful remedies. Until curative action is taken to bring the property into compliance with the Conditional Rezoning Agreement, the Township may withhold, or, following notice and an opportunity to be heard, revoke permits and certificates, in addition to or in lieu of such other lawful action to achieve compliance.

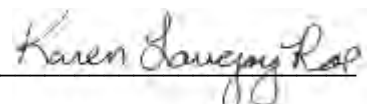
SECTION 3. SEVERABILITY. In the event that any one or more sections, provisions, phrases or words of this ordinance shall be found to be invalid by a Court of competent jurisdiction, such holding shall not affect the validity nor the enforceability of the remaining sections, provisions, phrases or words of this Ordinance unless expressly so determined by a Court of competent jurisdiction.

SECTION 4. PUBLICATION. This ordinance shall be published in a newspaper of general circulation as required by law.

SECTION 5. EFFECTIVE DATE: This ordinance shall become effective upon publication in a newspaper of general circulation as required by law.

SECTION 6. REPEAL: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify adoption of Ordinance No. 2018-486 by the Charter Township of Ypsilanti Board of Trustees assembled at a Regular Meeting held on June 18, 2019 after first being introduced at a Regular Meeting held on May 7, 2019. The motion to approve was made by member Roe and seconded by Doe YES: Stumbo, Roe, Doe, Eldridge, Jarrell Roe, Ross Williams, Wilson ABSENT: None NO: None ABSTAIN: None.



Karen Lovejoy Roe, Clerk

Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI

**RESOLUTION 2019-27
(In Reference to Ordinance 2019-488)**

**Adoption of the 2018 Edition of the
International Fire Prevention Code**

Whereas, the Charter Township of Ypsilanti Board of Trustees recognizes the need for a modern, up-to-date fire code addressing conditions hazardous to life and property from fire and explosion hazards; the storage, handling and use of hazardous substances and materials; and the use and occupancy of buildings and premises; and

Whereas, the International Fire Code, 2018 Edition, is designed to meet these needs through model code regulations that safeguard public health and safety; and

Whereas, the International Fire Code, 2018 Edition, is fully compatible with the Michigan Building Code, Michigan Residential Code, Michigan Rehabilitation Code and the International Property Maintenance Code.

Whereas, the Township Fire Department recommends adoption of Ordinance 2019- 488.

Now Therefore,

Be it resolved, that the Charter Township of Ypsilanti Board of Trustees hereby adopts by reference attached Ordinance No. 2019-488 amending the Code of Ordinances of the Charter Township of Ypsilanti, Article II, Fire Prevention Code.

CHARTER TOWNSHIP OF YPSILANTI

PROPOSED ORDINANCE NO. 2019-488

*An Ordinance Amending the Code of Ordinances,
Charter Township of Ypsilanti, Chapter 30, Article II
Entitled Fire Prevention Code by Adoption of the
2018 Edition of the International Fire Prevention Code*

The Charter Township of Ypsilanti hereby **Ordains** that Chapter 30 of the Code of Ordinances for Ypsilanti Township, Article II entitled Fire Prevention Code is hereby amended as follows:

DELETE in its entirety the current Article II entitled Fire Prevention Code (Sections 30-26 through 30-31, inclusive).

ADD the following new provision:

A. Adoption by Reference.

A certain document, copies of which are on file with the office of the Township Clerk and the Bureau of Fire Prevention, being marked and designated as the "**International Fire Code, 2018 Edition, International Code Council,**" is adopted by reference, including Appendix Chapters A through N, and all references therein printed – except those section and appendices herein amended, deleted or added. This document shall be known and may be cited as the "**Fire Prevention Code of the Charter Township of Ypsilanti,**" regulating and governing conditions hazardous to life and property from the standpoint of fire and explosion and for defining the scope of authority of the chief of the fire department and the bureau of fire prevention.

B. Purpose of Article.

The purpose of this article is to provide for the prevention of fires and the protection of persons and property from exposure to the dangers of fire and explosion; to authorize the investigation of fires and the discovery of crime or other offenses in relation thereto; to require the razing, repair and alterations of building, and the clearing and improvement of premises which constitute a fire hazard or a menace to the peace, security or safety of persons or property; to control the use and occupancies of such premises; to provide for the transportation, use and storage of inflammable liquids, compressed gases, and corrosive liquids; to prohibit the use of certain fire extinguishers and fire extinguishing agents; to provide for the administration of this article; and to fix penalties for violation of the provisions of this article.

C. Code Available for Public Use and Inspection.

Complete printed copies of the **Fire Prevention Code** of the Charter Township of Ypsilanti and supplements, therein adopted, are available for public use and inspection at the office of the Township Clerk and at the office of the Bureau of Fire Prevention.

D. References in Code.

References in the **Fire Prevention Code** of the Charter Township of Ypsilanti and supplements to the word “*state*” shall mean the State of Michigan; reference to the word “*municipality*” shall mean the Township of Ypsilanti; references to the term “*corporation counsel*” shall be held to mean the attorney for the township; reference to the term “*bureau of fire prevention*” shall mean the township fire department; and reference to the term “*fire official*” shall be held to mean the chief of the fire department or his authorized designee.

E. Code Revisions.

The following sections of the International Fire Code, 2018 Edition, International Code Council, are hereby revised.

Section 101.1 - insert Charter Township of Ypsilanti

Section 110.4 – delete in its entirety and replace with the following provision:

Section 110.4 Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate used under the infraction, and shall be subject to a fine as follows:

- a. The fine for any first violation of Article II shall be \$100.00.
- b. The fine for any violation which the violator has, within the past two years, been found in violation of once before, shall be \$250.00.
- c. The fine for any violation which the violator has, within the past two years, been found in violation of twice before, shall be \$500.00.

The imposition of one penalty for any violation shall not excuse the violations or permit it to continue. All such persons shall be required to correct or remedy such situation or defects within a reasonable time, and, when not otherwise specified, each act or violation and every day upon which such violation shall occur shall constitute a separate offense.

The application of the penalties of this section shall not be held to prevent the enforced removal of prohibited conditions by injunctive or other relief.

Each day that a violation continues after due notice has been served shall be deemed a separate violation.

Section 112.4 – insert \$100 or more than \$500

Section 901.2 – Fire Sprinkler Plan Submittal (Added to read)

All fire sprinkler plans shall be submitted to the *fire official* for review. The *fire official* may request review of the sprinkler plans by a third party. The third party shall be included on a list of companies approved by the Charter Township of Ypsilanti Fire Prevention Bureau. The Charter Township of Ypsilanti Fire Prevention Bureau shall witness

all required tests and field inspections of all fire sprinkler systems.

- a. A list of approved companies will be available in the Fire Prevention Bureau and the Office of Community Standards.
- b. No company will be allowed to review its own plans.

Section 906.1 - Residential Fire Extinguisher Requirements Rental Units *2015 Property Maintenance Code language (Added to read)

- a. It shall be the responsibility of the owner(s) of single family and multiple family rental units to provide each living unit with a portable fire extinguisher.
- b. The fire extinguisher shall have a minimum 1A-10BC rating or higher, and shall be mounted in a readily accessible location within each dwelling unit. Each extinguisher shall be tagged to include a maintenance and inspection record and must be operable at all times.
- c. It shall be the owner's responsibility to maintain the extinguisher in accordance with NFPA 10, and such maintenance shall include, but is not limited to, recharging the extinguisher of the unit which was discharged when attempting to extinguish a documented fire. For the purpose of this section, a documented fire shall mean any fire that the Ypsilanti Township Fire Department has responded to and/or has a record of. In all other cases it shall be the responsibility of the resident to recharge the extinguisher.
- d. The resident of a single family or multiple family rental unit shall be responsible to advise the building owner, or his designated agent, whenever a required fire extinguisher is missing, damaged, discharged or in need of service.
- e. Anyone tampering with, damaging or interfering with the effectiveness of a fire extinguisher shall be in violation of this code.

Section 907.2 - Minimum Smoke Detection Requirements Rental Units *2015 Property Maintenance Code language (Added to read)

- a. Each apartment, suite, or sleeping area of every single or multiple dwelling units shall be provided with a minimum of one smoke detector capable of sensing visible or invisible products of combustion.
- b. The smoke detector shall be approved or listed by recognized or independent testing laboratories and, when actuated, shall provide an alarm suitable to warn the occupants within the individual dwelling unit.
- c. A minimum of one smoke detector shall be located in the immediate area of all sleeping quarters.
- d. All single family and multiple dwelling units, including duplexes, shall comply with this section.

e. It shall be the responsibility of the owner(s) of each rental unit to install and maintain in operating condition smoke detectors in each dwelling unit as herein provided.

f. All devices, combination of devices and equipment required herein are to be installed in conformance with the Michigan Building and Residential Codes and this section.

g. At least one smoke detector shall be installed to protect each sleeping area. A sleeping area is defined as the area or areas of the family living unit in which the bedrooms or sleeping rooms are located. When bedrooms ordinarily used for sleeping are separated by other used areas, such as kitchens or living rooms, but not bathrooms or closets, they shall be considered as separate sleeping areas for the purpose of this section.

F. Geographic Limits Referred to in Certain Sections of the Code.

The geographic limits referred to in certain sections of the 2018 International Fire Code are hereby established as follows:

Section 5704.2.9.6.1 (geographic limits in which the storage of Class I and Class II liquids in above-ground storage tanks outside of buildings is prohibited): *Storage of greater than 50 gallons is prohibited within 50 feet of a structure.*

Section 5706.2.4.4 (geographic limits in which the storage of Class I and Class II liquids in above-ground ground storage tanks is prohibited): *Amend to add the following language:*

- a. *An above ground storage tank shall not be erected less than 300 feet (92 meters) from any of the following:*
 - i. *a mineshaft.*
 - ii. *an air escape shaft for a mine.*
 - iii. *a school*
 - iv. *a church*
 - v. *a hospital*
 - vi. *a theater*
 - vii. *assembly occupancies for 50 or more persons.*
- b. *The above ground storage tank, loading operation, or unloading operation shall not be installed closer than 25 feet (7.6 meters) plus 1 inch (25 millimeters) per 1,000 volts, measured horizontally from the nearest conductor or power lines, except that a service entrance and service line may be closer than 25 feet (7.6 meters), but shall not be over a tank loading or unloading area.*

Section 5806.2 (geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited): *Amend to add the following language:*

- a. *Stationary containers with storage greater than 45 gallons is prohibited within 50 feet of the following:*
 - i. *Places of public assembly*
 - ii. *Non-ambulatory patient areas*
- b. *Stationary containers with storage greater than 45 gallons is prohibited within 15 feet of the following:*

- i. *Combustible materials such as paper, leaves, weeds, dry grass or debris exposure hazards*
- c. *Stationary containers with storage greater than 45 gallons is prohibited within 10 feet of the following:*
 - ii. *Air intakes*
- c. *Stationary containers with storage greater than 45 gallons is prohibited within 5 feet of the following:*
 - i. *Lot lines*

Section 6104.2 (geographic limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas): *Amend to add the following language:*

For the protection of heavily populated and congested areas, the maximum aggregate capacity of any installation of liquefied petroleum gas shall not exceed a water capacity of 2,000 gallons within 50 feet (15.2 meters) of a structure.

G. Rights and Remedies are Cumulative.

The rights and remedies provided herein are cumulative and in addition to any other remedies provided by law.

H. Severability Clause.

That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The Charter Township of Ypsilanti hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsection, sentences, clauses or phrases by declared unconstitutional.

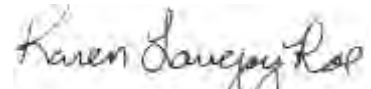
I. Publication.

This Ordinance shall be published in a newspaper of general circulation as required by law.

J. Effective Date.

This Ordinance shall be effective upon publication in a newspaper of general circulation as required by law.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify approval of the first reading of Proposed Ordinance No. 2019-488 by the Charter Township of Ypsilanti Board of Trustees assembled at a regular meeting held on June 18, 2019. The second reading is scheduled to be heard on July 16, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-26
(In Reference to Ordinance 2019-487)

A Resolution Amending the Zoning Ordinance of the Charter Township of Ypsilanti to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses and to rezone Ecorse Road to be consistent with the Article XI-A Zoning Ordinance language.

Whereas, the Charter Township of Ypsilanti adopted the Ecorse Road/East Michigan Avenue Placemaking Plan in 2018; and

Whereas, changes to the zoning on Ecorse Road are key to the implementation of that plan; and

Whereas, the Township Planning Consultants have recommended amendments to the Charter Township of Ypsilanti's (Township) Planning Commission (Commission) to the Township's Zoning Code; and

Whereas, at its regularly scheduled meeting held April 23, 2019, the Commission recommended approval to the Ypsilanti Township Board of the Planning Consultant's proposed amendments to the Township's Zoning Code to the Township Board to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses; and

Whereas, at its regularly scheduled meeting held April 23, 2019, the Commission recommended approval to the Ypsilanti Township Board of the Planning Consultant's proposed amendments to Ypsilanti Township's Zoning Map to be consistent with the recommended addition to the Township's Zoning Code to the Township Board to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses; and

Whereas, proposed Ordinance No. 2019-487 has revised the current existing Ordinance in such a fashion as to incorporate the above changes recommended; and

Whereas, the Charter Township of Ypsilanti Board of Trustees (Board) agrees with the request of the Planning Commission;

Now Therefore,

Be it resolved, that the Charter Township of Ypsilanti Board of Trustees does hereby approve Ordinance No. 2019-487 as attached, by amending the Zoning Ordinance to include Article XI-A of the Township's Zoning Code as noted, with proposed Ordinance No. 2019-487, which ordinance reflects the suggestions and input of the Township's Planning Consultant as recommended by the Commission.

CHARTER TOWNSHIP OF YPSILANTI

PROPOSED ORDINANCE 2019-487

Amending the Zoning Ordinance of the Charter Township of Ypsilanti to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses and to rezone Ecorse Road to be consistent with the Article XI-A Zoning Ordinance language.

SECTION 1. AMENDMENT TO TOWNSHIP ZONING ORDINANCE TO ADD ARTICLE XI-A:

ARTICLE XI – A ECORSE ROAD FORM BASED DISTRICT (ERFB)

SECTION 1140 - GENERAL INTENT AND PURPOSE

- A. Intent.** The **ECORSE ROAD FORM BASED DISTRICT (ERFB)** is intended to implement the vision established by the Township Master Plan and the E. Michigan Avenue and Ecorse Road Placemaking Plan, to transform the Ecorse Road corridor into a vibrant, dynamic area through placemaking and the attraction of new investment. The Ecorse Road Form Based District allows for the consolidation and creative redevelopment of parcels.

Development of buildings and sites, including retrofitting and redevelopment of existing sites and buildings, can include residential, retail, office, and service uses. Uses designed to support the residents and local workers are also encouraged, such as mixed-use developments with small scale retail or restaurant uses incorporated with housing units. The redeveloped corridor will help diversify the Township housing and commercial stock and incorporate architecturally interesting buildings.

Consolidation of parcels in the District is encouraged in order to provide for a quality and consistent development pattern. Incentives include additional building forms and more permitted uses.

- B. Purpose.** The general purpose of these regulations is as follows:
- a. Promote new investment opportunities by allowing a wide range of potential uses and techniques to expand the employment and economic base.
 - b. Ensure that development is of human scale, primarily pedestrian-oriented, and designed to create attractive streetscapes and pedestrian spaces.
 - c. Ensure that development is designed for all modes of transportation.
 - d. Promote mixed-use development.
 - e. Ensure reasonable transition between higher intensity development and adjacent neighborhoods.
 - f. Improve mobility options and reduce the need for on-site parking by encouraging all modes of transportation, through shared parking, and through on-street parking.
 - g. Provide predictable development approval process.
 - h. Encourage lot consolidation to provide for larger consistent developable sites.
- C. Factors for Regulation.** These regulations are based on two (2) significant factors: site context and building features.
1. Site context is derived from existing and desired characteristics of an area and recognizes the inherent conditions of the areas where these regulations are applied. Regulated sites types are organized by shape, size, orientation and location.
 2. Building feature addresses the manner in which buildings and structures relate to their lots, surrounding buildings, and street frontage. The shape of the building, the land area to volume ratio, and the orientation of the building has a significant impact upon the character of an area. Building

form standards control height, placement, building configuration, parking location, and building transparency applicable to the site context.

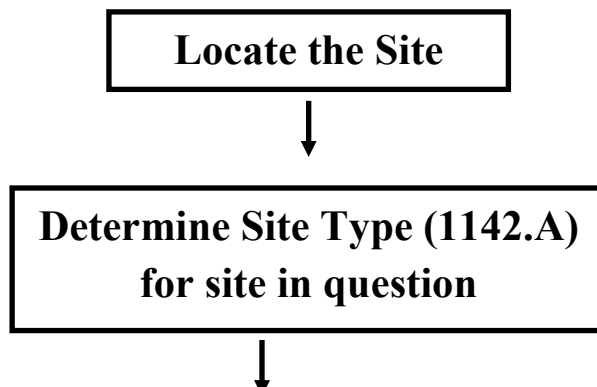
SECTION 1141 - APPLICABILITY AND ORGANIZATION

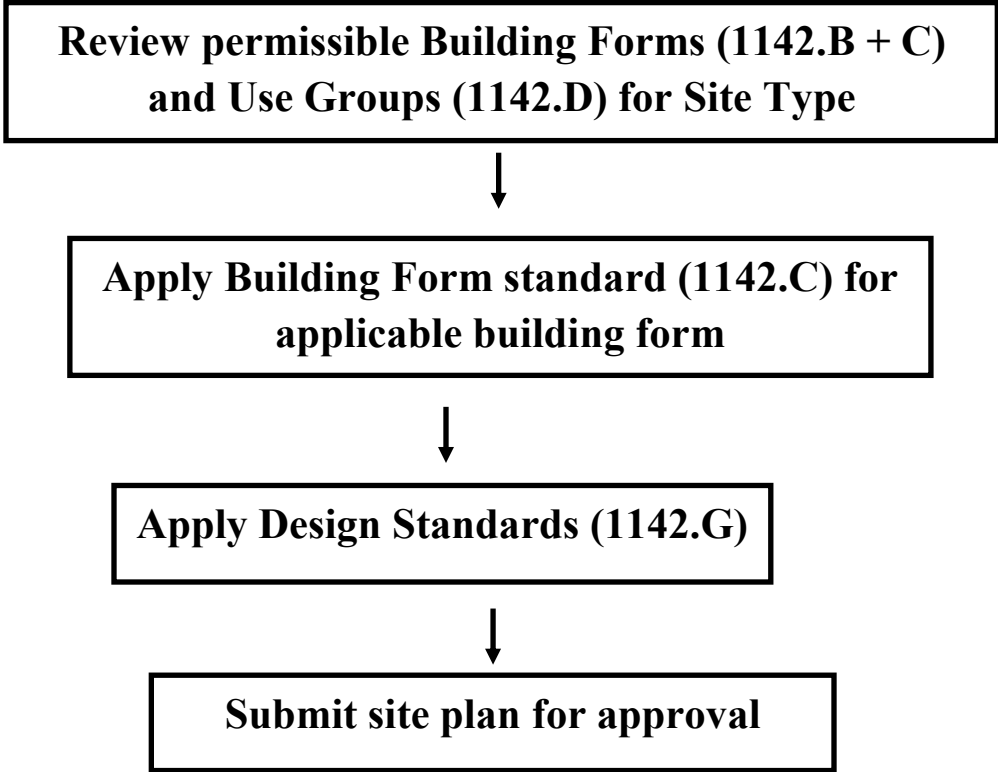
A. Applicability.

1. Any new use or expansion of existing use that requires site plan review shall comply with the requirements of this Article and other applicable requirements of this Ordinance.
2. The requirements of this Article shall not apply to:
 - a. Continuation of a permitted use within an existing structure.
 - b. Changes of use within existing structures that do not require increased parking.
 - c. Normal repair and maintenance of existing structures that do not increase its size or parking demand.

B. Regulating Plan. The Ecorse Road Form Based District shall be governed by a Regulating Plan that is specific to the area.

1. The Regulating Plan based on the site type determines building form and allowable use for each property within a form-based district
2. The Regulating Plan is based on three (3) factors: Site Type; Building Form; and Use Group.
 - a. **Site Types.** Site Types, as set forth in Section 1142.A, are determined by street orientation, lot size, lot configuration, location, and relationship to neighboring sites. Site type provides the basis for building forms and authorized use groups.
 - b. **Building Form Standards and Types.** Building form standards and types, set forth in Section 1142.B + C, establish the parameters for building form, height, and placement, and are specifically applied to each district based upon the regulating plan.
 - c. **Authorized Use Groups.** Authorized land uses are organized by use groups. Authorized use groups, as set forth in Section 1142.D, are specifically applied to each District based upon the regulating plan.
3. The steps to determine the regulations that apply to a specific property within a form-based district are as follows:
 - a. Find the site in question on the regulating plan map
 - b. Identify the site type for the site in question. Sites will be classified Site Type A, B, or C.
 - c. Consult the Use Groups and Building Forms Permitted table in which the site is located. The table will identify if a use group or building form is permitted, permitted with conditions, or not permitted for the site type and street type combination of the site in question.
 - d. Follow the regulations for the chosen building form when designing the development application. Building form regulations are established in Section 1142.B and 1142.C.
 - e. Follow the design standards as listed in Section 1142.G.
 - f. Obtain site plan approval or special use approval for the chosen building form and use, as appropriate.





- C. Design Standards.** General design standards, set forth in Section 11.42.G, are supplementary to other requirements of the Ordinance. Generally, the design standards regulate building placement, parking orientation, landscaping, and other site design requirements.
- D. Modification of District Boundaries.** Any modification to the boundaries of any form-based district shall require rezoning, in accordance with the provisions of Article XXVII, Changes and Amendments.
- E. Modification of Regulating Plan.** Specific building form, use group, and design standards applied within each Regulating Plan are based upon the designation of site type. Any modification of site type may be determined by the Planning Commission, notice and after conducting a public hearing in accordance with Sec. 2703.

The Planning Commission shall consider the following in making a determination to modify a site type or street type designation:

1. The applicant’s property cannot be used for the purpose permitted in the form-based district.
 2. Area has been added to or deleted from the subject property in question, requiring the modification.
 3. The proposed modification and resulting development will not alter the essential character of the area.
 4. The proposed modification meets the intent of the district.
 5. Existing streets have been improved and/or new streets constructed that may result in the modification of a specific site type.
 6. Modification to the Regulating Plan is in conformance to the Master Plan and Placemaking Plan.
- F. Nonconformities.** Nonconformities shall be regulated in accordance with Article XXII of the Zoning Ordinance.

SECTION 1142 - STANDARDS

- A. Site Types**
 1. **Site Type A** (neighborhood residential or mixed-use sites)

Site Type A is composed of lots one-half (0.5) acre or smaller and is reserved primarily for residential use and for smaller non-residential use which is compatible with a residential setting. Site Type A is generally located in areas which serve as a transition between the Ecorse Road and neighboring residential areas. The building form selected for these sites must consider both the front elevation that fronts on the street but also the rear/side elevation that is adjacent to residential in order to maintain compatibility with adjacent uses.

2. **Site Type B** (neighborhood commercial/office or mixed-use sites)

Made up mostly of lots between one-half (0.5) and one (1) acre in area, the Site Type B category may include free standing single-use sites developed for commercial and office uses serving the surrounding neighborhood or mixed-use developments. Size and character may vary based on the unique characteristic of each parcel. Small retail and food-service uses would often be found in this category, as well as small single or multi-tenant commercial or office buildings.

3. **Site Type C** (Community commercial/office and mixed-use sites)

The sites in Site Type C are mostly larger than one (1) acres in area. Site Type C size and character may vary based on the unique characteristic of each parcel. This category can include free standing single-use or mixed-use developments that are designed to serve a broader community-wide market.

B. Building Form Standards.

1. The ERFC district permit a series of building forms, dependent on the site context. The building forms, set forth in 1142.C, are designated within the district location based on the regulating plan. Building forms are classified in the following manner:
 - a. Permitted Building Forms. These building forms are permitted as of right in the locations specified.
 - b. Prohibited Building Forms. Building forms that are not identified as permitted in the locations specified are prohibited.
 - c. Exceptions: For all building forms in all locations, awnings, signs, other projections (architectural projections, bay windows, etc.) may project beyond the required building line by up to 5 feet. Projections will be reviewed by the Township to ensure public safety.
2. The regulating plan dictates the site type for each individual property in the district. Building forms are identified within each district as permitted or not permitted based upon the site type.
3. Non-Residential Development Height, Setback, and Greenbelt Provisions when adjacent to any Residentially Zoned or Used Property.
 - a. Setback and Greenbelt:
 - i. Site Type A and B. The following setback and greenbelt shall be provided for any parcel zoned Site Type A or B that is adjacent to a residentially zoned or used parcel.
 - a. When a parcel is abutting or adjacent to a residentially zoned or used parcel without an intervening constructed alley or street, the building setback from the property line of the residentially zoned or used parcel shall be no less than the height of the building on the parcel zoned ERFB.
 - b. When a parcel is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, a minimum 10-foot landscaped greenbelt shall be maintained from the property line of the residentially zoned or used parcel. The greenbelt shall be

landscaped and screened with a solid fence or decorative wall up to six feet in height erected parallel to any common lot line, with a ten-foot wide planting strip along the base of the wall or fence that consists of one evergreen tree and one canopy tree per 30 lineal feet along the property line.

- c. The Planning Commission may deviate from these setback and greenbelt provisions in the course of its site plan review process; however, the Planning Commission shall not permit a setback or greenbelt that is less than required in the building form. In the review of the deviation, the Planning Commission shall consider the standards as set forth in Section 1142.B.3.b.
- ii. Site Type C. The following setback and greenbelt shall be provided for any parcel zoned Site Type C that is adjacent to a residentially zoned or used parcel.
 - a. When a property is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, the setback from the property line of the residentially zoned or used parcel shall be no less than 1.5 times the height of the building on the non-residential parcel.
 - b. When a property is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, a minimum 20-foot landscaped greenbelt shall be maintained from the property line of the residentially zoned or used parcel. The greenbelt shall be landscaped in accordance with Section 2108.C.
 - c. The Planning Commission may deviate from these setbacks and greenbelt provisions in the course of its site plan review process; however, the Planning Commission shall not permit a setback or greenbelt that is less than required in the building form. In the review of the deviation, the Planning Commission shall consider the standards set forth in Section 1142.B.3.b.
- b. Deviation Standards:
 - i. Height, setback, and greenbelt deviations may be granted by the Planning Commission if the following is found:
 - a. The deviation shall not adversely impact public health, safety, and welfare.
 - b. The deviation shall maintain compatibility with adjacent uses.
 - c. The deviation shall be compatible with the Master Plan and in accordance with the goals and objectives of the Master Plan and any associated subarea and corridor plans.
 - d. The deviation shall not adversely impact essential public facilities and services, such as: streets, pedestrian or bicycle facilities, police and fire protection, drainage systems, refuse disposal, water and sewage facilities, and schools.
 - e. The deviation shall be in compliance with all other zoning ordinance standards.
 - f. The deviation shall not adversely impact any on-site or off-site natural features.

C. Building Form Types

**Table 1142a-1
Building Form A.1**

Building Form A.1: Small, generally single-purpose buildings for residential. Typically situated on a smaller lot, adjacent to single family residential.

Building Height

Minimum 1 story, 14-foot height, Maximum 2 stories, 28-foot height (Site type A & B), Max: 2 stories, 38-foot height (Site type C)

Building Placement

Front Yard: 10-foot required build-to line¹
75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration.

Side Yard: No minimum side setback
if provided, minimum 5 feet.
For corner lots, side street yard, minimum 5 feet.

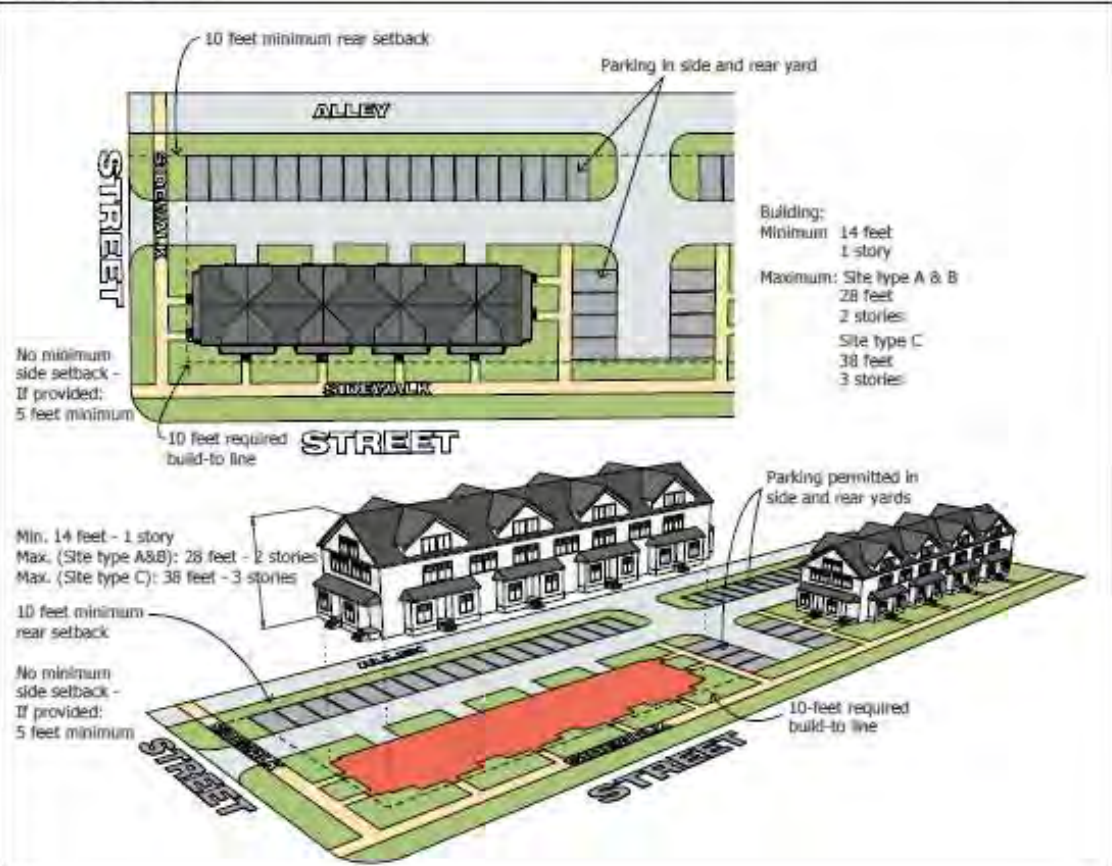
Rear Yard: Minimum 10-foot rear setback

Lot

Impervious Surface: Maximum 80%
Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.

Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.

¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafés or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.

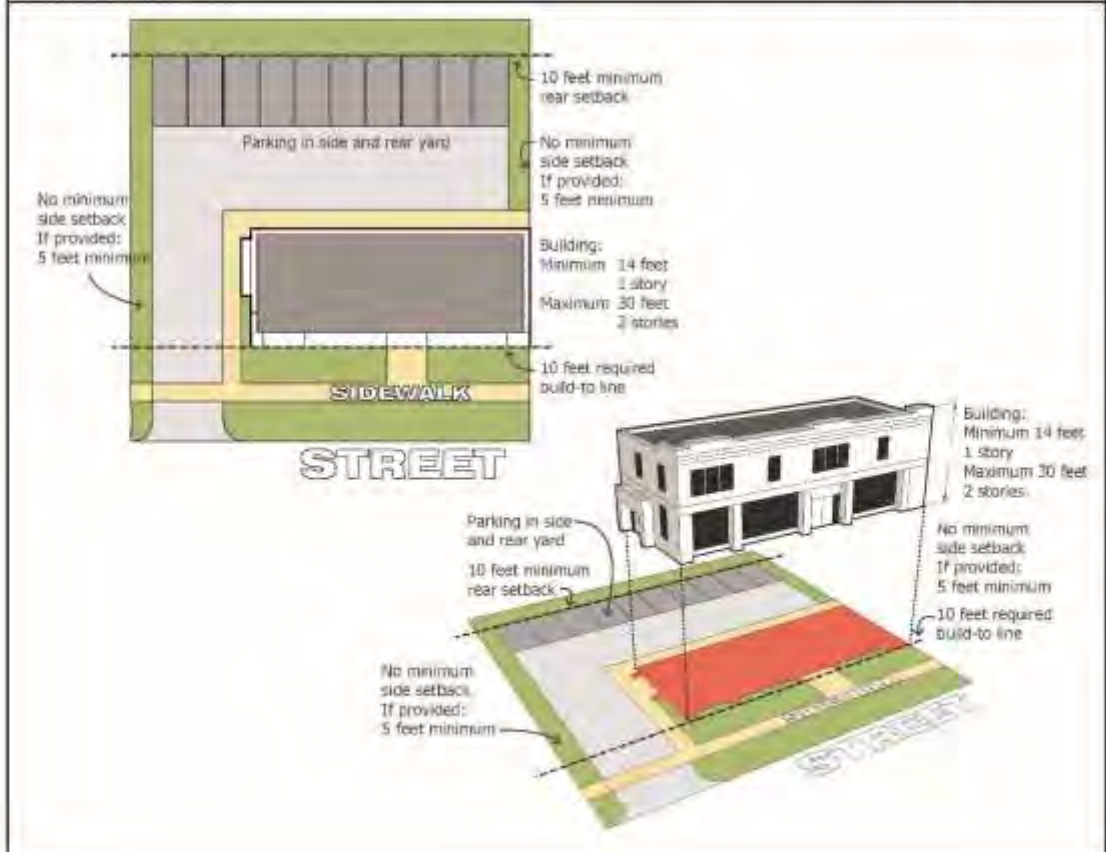


**Table 1142a-2
Building Form A.2**

Building Form A.2: Small, generally single-purpose buildings for retail, office, restaurant, or service uses. Typically situated on a smaller lot within the district. Adjacent to single-family residential.

Building Height		
Minimum 1 story, 14-foot height, Maximum 2 stories, 30-foot height		
Building Placement		
Front Yard: 10-foot required build-to line ¹ 75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration	Side Yard: No minimum side setback If provided, minimum 5 feet For corner lots, side street yard, minimum 5 feet.	Rear Yard: Minimum 10-foot rear setback
Lot		
Impervious Surface: Maximum 80%	Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.	
Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.		

¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafés or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.



**Table 1142a-3
Building Form B**

Building Form B: Small, generally single-purpose buildings for retail, office, restaurant, or service uses. Typically situated in an out lot of a larger classification building form, or on a smaller, more remote site location within the district.

Building Height

Minimum 1 story, 14-foot height, Maximum 2 stories, 28-foot height (Site type B), Max: 3 stories, 38 foot height (Site type C)

Building Placement

Front Yard: 10-foot required build-to line ¹ 75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration	Side Yard: No minimum side setback If provided, minimum 5 feet	Rear Yard: Minimum 10-foot rear setback
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Lot

Impervious Surface: Maximum 80% Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.	Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.
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¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafés or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.

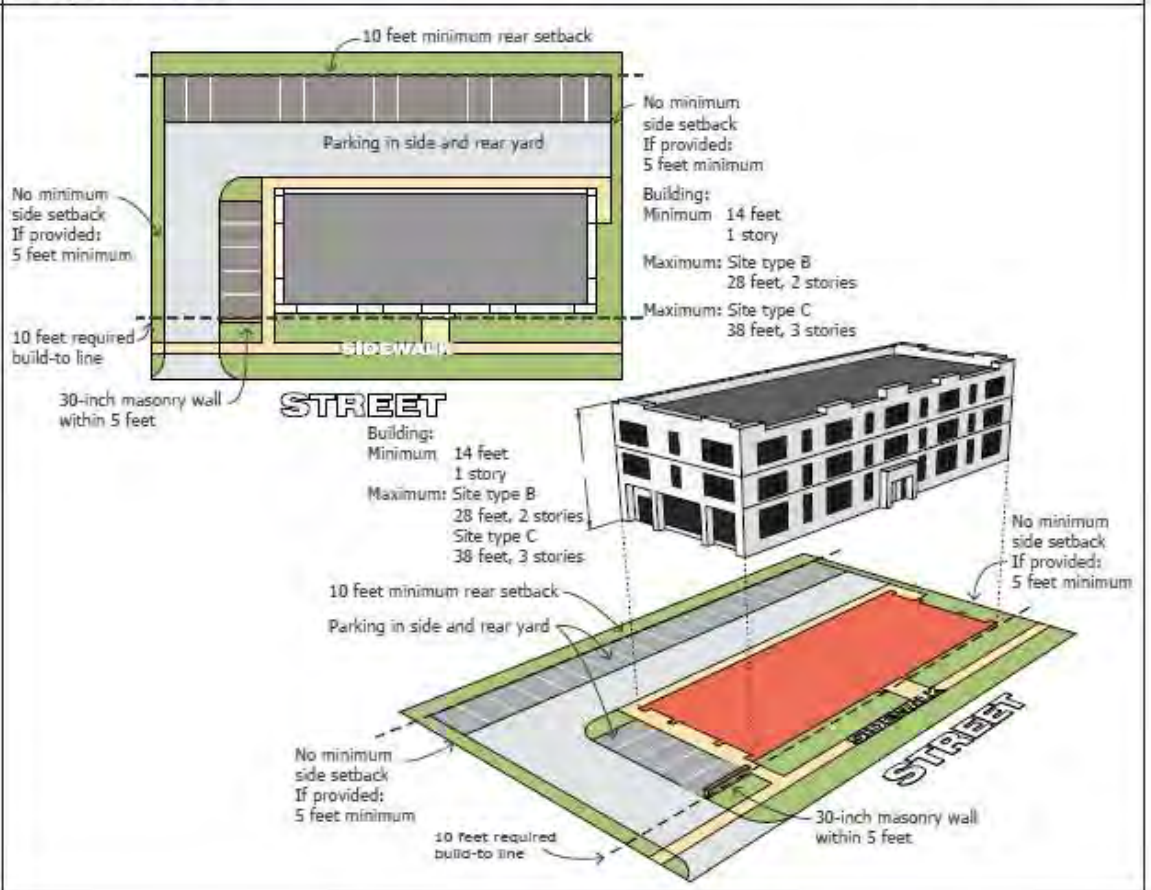


Table 1142a-4 Building Form C		
Building Form C: Single or multiple-tenant buildings for retail, restaurant, office, service, or residential uses. This category also includes multiple-tenant development, although it requires a second story to encourage a mix of use.		
Building Height		
Minimum 1 story, 14-foot height, Maximum 3 stories, 38-foot height, Ground floor 14-foot minimum height		
Building Placement		
Front Yard: Maximum 60-foot required build-to line.	Side Yard: No minimum side setback If provided, minimum 5 feet	Rear Yard: Minimum 30-foot rear setback
Lot		
Impervious Surface: Maximum 80%	Parking location: Parking may be located in any yard; when located in a front or side yard adjacent to the primary building and abutting the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line; if parking is provided in the front yard only 1 row is permitted	

D. Authorized Use Groups.

1. Authorized uses are categorized by use groups as set forth in Table 1142.D. Use groups generally contain similar types of uses in terms of function, character, and intensity.
2. Use groups are designated in locations within each district based on the regulating plan. Use groups are classified in the following manner:
 - a. Permitted Use Groups. These use groups are permitted as of right in the locations specified.
 - b. Special Use Groups. These use groups are permitted after review and approval by the Planning Commission, in accordance with the procedures set forth in Section 2119 and the standards in this Ordinance.
 - c. Prohibited Use Groups. These use groups not indicated as permitted are prohibited in the locations specified.

- d. Uses permitted in all locations within the District. Public parks and essential public services are permitted by right in all locations.
- e. Similar Uses. If a use is not listed but is similar to other uses within a use group, the Zoning Administrator may make the interpretation that the use is similar to other uses within a use group.

The Zoning Administrator may also make the determination whether the use is permitted as of right, permitted in upper stories only, or permitted as a special use. The Zoning Administrator may obtain a recommendation from the Planning Commission as to whether or not the proposed use is similar to a use permitted as of right, permitted in upper stories only, or permitted as a special use.

**Table 1142.D
Use Groups by Category**

Use Group 1 Residential Uses:
One-Family detached and attached dwellings, subject to regulations in Section 1801
Two-Family dwellings
Use Group 2 Misc. Residential / Related Uses:
Multiple-Family dwellings
Live/Work units
Child care centers, subject to regulations in Section 1861
Bed and Breakfast, subject to regulations in Section 1808

Use Group 3
Office / Institutional:
Civic Buildings
General office
Professional and medical office
Primary/secondary schools (private)
Publicly owned/operated office and service facilities
Veterinary clinics or veterinary hospitals, subject to regulations in Section 1820 and Section 1821, respectively
Use Group 4
Retail, Entertainment, and Service Uses:
Financial institutions
General retail
Food use without a drive-through
Personal services
Business services
Use Group 5
Misc. Uses:
Commercial kennels / pet day care
Medical Clinics and Hospitals
Technology centers / office research / data center
Funeral homes
Senior assisted/independent living
Group day care homes, subject to regulations in Section 1861
Lodging
Places of Worship
Fitness, gymnastics, and exercise centers
Theatres and places of assembly
Indoor commercial recreation establishments
Use Group 6
Automotive Uses:
Automobile car wash, subject to conditions in Section 1833
Gasoline service station, subject to conditions in Section 1829

E. Ecorse Road Form Based Code District Regulating Plan



F. Ecorse Road Form Based Code District Regulating Plan Table

Site Type	Building Form		Use Group	
			Permitted Use Group	Special Use Group
Site Type: A	Permitted Building Form	A1, A2	Permitted Use Group	1, 2, 3, 4
			Special Use Group	—
Site Type: B	Permitted Building Form	A1, A2, B	Permitted Use Group	2, 3, 4
			Special Use Group	6
Site Type: C	Permitted Building Form	B, C	Permitted Use Group	2, 3, 4
			Special Use Group	5, 6

G. Design Standards. In addition to standards set forth in this Ordinance, all proposed development shall comply with the standards set forth herein.

1. Pedestrian/Non-Motorized Access

- a. **Intent.** To ensure that site layout and building design provides safe and convenient pedestrian and bicycle access both to and within a site and between adjacent sites.
- b. **Standards**
 - i. A pedestrian connection shall provide a clear connection between the primary street upon which the building fronts and the building. Connection may include pavement striping.
 - ii. Pedestrian access shall be clearly identified from parking areas and all entrances to a building.

- iii. Where appropriate, sidewalks fronting the public right-of-way should be designed to accommodate space for activities such as outdoor dining.
- iv. All sites shall provide a bike rack for at least two (2) bicycles within fifty (50) feet of the building entrance.

2. **Building Placement and Orientation**

- a. **Intent.** To require building placement that provides a strong visual and functional relationship with its site, adjacent sites, and the primary street upon which the site is located. Ensure consistency within sites and to adjacent sites to provide distinct building groups which exhibit similar orientation, scale, and proportion.
- b. **Standards**
 - i. Setbacks and building orientation shall reinforce a consistent pattern of siting.
 - ii. Primary building entrances shall be located so that they are easily identifiable with convenient public access.
 - iii. Buildings should enhance street corners through the use of prominent architectural or site features.

3. **Parking Placement, Orientation, and Screening**

- a. **Intent.** To provide a circulation system that efficiently moves vehicles in a well-defined manner, while reducing the visual impact of parking areas and mitigating conflict between pedestrians, bicycles, and automobiles.
- b. **Standards**
 - i. **Required Parking.** Off-street parking shall be provided for a principal use erected, altered, or expanded after the effective date of this Ordinance in accordance with the standards set forth in Sec. 2104.
 - a. The Form Based districts are intended to encourage pedestrian and friendly design and compact mixed-use developments. Applicants are encouraged to consider the provisions for shared parking and flexibility in application set forth in Sec. 2104.
 - b. The placement and design of parking areas and structures shall foster safe pedestrian access and circulation and clearly identifiable public access and visitor parking. Pedestrian access shall be provided between all parking areas and public building entrances. .
 - ii. **Location**
 - a. When parking is located in a side yard (behind the front building line) but fronts on the required building line, no more than twenty-five (25) percent of the total site's linear feet along the required building line or sixty (60) feet, whichever is less, shall be occupied by parking.
 - b. For a corner lot, no more than twenty-five (25) percent of the site's cumulative linear feet along the required building lines or sixty (60) feet, whichever is less, shall be occupied by parking. The building shall be located in the corner of the lot adjacent to the intersection.

- c. Where off-street parking is visible from a street, it should be screened in accordance with the standards set forth in 2108.

4. **Architectural Design and Building Materials**

- a. **Intent.** To create a character for the form-based district that encourage the greatest amount of visual interest, architectural consistency, and high-quality material use. The standards are not intended to limit imagination, innovation, or variety.

- b. **Architectural Design Standards**

- i. **Building Massing and Scale**

- a. Rooflines and pitches shall be proportionate to nearby structures so as to provide transition or mitigation of significant changes to scale. Variety in massing can occur though step-backs as a building ascends upward
 - b. Buildings shall maintain a consistent street wall with the longest edge of the buildings oriented parallel to the roadway, where possible.
 - c. Buildings within the same development shall be designed to provide a unified and easily identifiable image. Methods to achieve this include using similar architectural styles and materials, complementary roof forms, signs, and colors.

- ii. **Façade Variation.**

- a. Façade articulation or architectural design variations for building walls facing the street are required to ensure that the building is not monotonous in appearance, using the following architectural techniques: Building wall offsets (projections and recesses); cornices, varying building materials or pilasters used to break up the mass of a single building; staggering of vertical walls; recessing of openings; providing upper-level roof overhangs; contrasting compatible building materials; use of variety and rhythm of window and door openings; use of horizontal and vertical architectural elements, use of horizontal bands of compatible colors; and providing changes in roof shape or roof-line.
 - b. Materials shall be selected for suitability to the type of buildings and the architectural design in which they are used.
 - c. Material selection shall be consistent with architectural style in terms of color, shades, and texture, however monotony shall be avoided.

5. **Transparency**

- a. **Intent.** The first floors of all buildings shall be designed to encourage and complement pedestrian-scale activity and crime prevention techniques. It is intended that this be accomplished principally by the use of windows and doors arranged so that active uses within the building are visible from or accessible to the street, and parking areas are visible to occupants of the building.

- b. **Transparency Standards.** These standards apply only to buildings with non-residential uses on the ground floor:

- 1. Façade transparency shall be defined as the use of glass or transparent material that provides from the building exterior a view into the building of interior habitation and human scale.

Signs covering windows, and the use of tinted, reflective or opaque glass do not meet the definition of façade transparency.

2. The first floors of all buildings shall be designed to encourage and complement pedestrian-scale activity and crime prevention techniques. It is intended that this be accomplished principally by the use of windows and doors arranged so that active uses within the building are visible from or accessible to the street, and parking areas are visible to occupants of the building. The first floor of any front façade facing a right-of-way shall be no less than fifty (50) percent windows and doors, and the minimum transparency for facades facing a parking area shall be no less than thirty (30) percent of the façade.
3. First-floor transparency is measured between two and eight feet above the first-floor elevation.
4. Nothing shall be placed on or inside window to reduce transparency less than the 50% requirement.
5. For multiple tenant buildings, the minimum transparency requirement must be met by each suite or tenant.

6. Landscaping

- a. **Intent.** To incorporate appropriate landscaping to enhance visual appearance, provide transitions between properties, and screen unsightly areas
- b. **Landscaping Standards.**
 1. In addition to the standards set forth in Sec. 2108, the following standards shall be met.
 2. Landscaping shall conform and incorporate existing landscape and topographic features.
 3. Landscaping within courtyards, patios, and pedestrian realm may include hardscape and softscape materials.
 4. Landscaping shall maintain adequate sight lines for visual safety, visibility and efficient security.
 5. Landscaped areas, including landscaped parking islands and medians, shall be separated from vehicular and pedestrian encroachment by curbs and raised planting areas.

8. Loading and Storage Areas

- a. **Intent.** To ensure that loading, storage, and other building utility features are designed to be a part of the overall building as so to reduce the visual impact
- b. **Standards**
 1. **Utilities and Mechanical Screening**
 - a. Utility structures located between the building and the public right-of-way shall be screened as set forth in Article XXI. Screening may include walls, fencing, or landscaping that is consistent with the character and materials of the development.
 - b. Trash enclosures shall be placed adjacent to the rear wall of corresponding buildings or shall be located away from portions of the site which are highly visible from public roadways or private properties with dissimilar improvements. Trash

enclosures shall be screened as set forth in Article XXI with walls, fencing or landscaping that are consistent with the character and materials of the development.

2. Loading

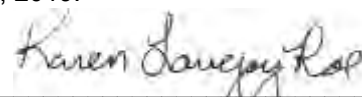
- a. Service areas shall be designated by markings and/or signage to delineate them from pedestrian access and limit conflicts between service/delivery vehicles and patrons (e.g. pedestrians, bicyclists and transit users).
- b. Loading and service areas shall be located on the sides or rears of the buildings.
- c. Loading and service areas shall be screened from the public right-of-way with the use of fencing, landscaping, or walls.

SECTION 4. PUBLICATION. This ordinance shall be published in a newspaper of general circulation as required by law.

SECTION 5. EFFECTIVE DATE: This ordinance shall become effective upon publication in a newspaper of general circulation as required by law.

SECTION 6. REPEAL: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify approval of the first reading of Proposed Ordinance No. 2019-487 by the Charter Township of Ypsilanti Board of Trustees assembled at a regular meeting held on June 18, 2019. The second reading is scheduled to be heard on July 16, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

BORDER-TO-BORDER TRAIL

BRIDGE ROAD TO SNOW ROAD, GROVE ROAD TRAIL SEGMENT

AGREEMENT

This Agreement ("Agreement"), is entered into as of the 19th day of June, 2019, and memorializes and confirms certain verbal commitments and understandings previously made by the Charter Township of Ypsilanti, a public body corporate, with offices at 7200 Huron River Drive, Ypsilanti, Michigan 48197 ("TOWNSHIP") and the Washtenaw County Parks and Recreation Commission, a public entity, with offices at 2230 Platt Road, Ann Arbor, Michigan 48104 (the "WCPARC").

1.0 ACKNOWLEDGMENTS

1.1 The parties desire to cooperate in the planning, funding, design, construction and development of the Border-to-Border/Iron Belle Trail Segment, a non-motorized trail ("Trail") segments that are approximately 0.5 miles in length running generally adjacent to the south side of Grove Road, between Bridge Road and Snow Road in the Ypsilanti Township (the "Project").

1.2 The WCPARC and the TOWNSHIP may apply for additional funding, such as Iron Belle Trail grants from the Michigan Department of Natural Resources for the Project.

1.3 The Project is to be located within the Grove Road right of ways and land owned by the TOWNSHIP.

1.4 TOWNSHIP shall be the OWNER of the trail upon final acceptance of construction

1.5 TOWNSHIP shall operate, maintain, and repair the Project in accordance with non-motorized trail maintenance standards applied throughout the TOWNSHIP.

NOW, THEREFORE, in exchange for their mutual promises as set forth herein the parties agree as follows:

2.0 FUNDING AND RESPONSIBILITIES OF THE PARTIES

2.1 Project Costs and Funding

2.1.1 The TOWNSHIP shall be responsible for all design project costs for this trail segment, estimated at \$42,000. The TOWNSHIP shall also be responsible for the design cost the trail segments, from North Hydro Park to Grove and along the north side of Grove Road, from Snow Road to Rawsonville Road, the design work is estimated at \$50,000, the Construct of this trail segment will be funded by WCPARC, and is planned for 2020. The cost for construction phase and construction engineering will be fully the responsibility of the WCPARC, less any funds the WCPARC secures from any other private or public funding sources.

2.1.2 Design Phase: TOWNSHIP will entered into a Contract with OHM (Township Engineer) for engineering services consisting of design/preliminary engineering, securing the required permits, and performing the project administration of the Project up to the construction phase. CITY may terminate the design phase of the Project at any time and provide written notice to WCPARC.

2.1.3 Construction Phase: TOWNSHIP will award the construction contract to the approved lowest bid that is a contractor, WCPARC shall be responsible construction engineering and may hire a consultant to serve as the Project Engineer and perform all construction engineering services. These services shall include without limitation inspection; office technician; construction surveying; materials testing and inspection; and generating contractor pay estimates; and providing other construction contract documentation in accordance with MDOT guidelines, standard practices and procedures.

2.1.5 During the construction phase the Project Engineer shall consult with WCPARC and TOWNSHIP regarding any items which may result in an increase to the estimated construction cost. WCPARC will be responsible for any and all actual and necessary construction and Project costs to complete the scope of the Project which WCPARC approved during the design phase. WCPARC shall also pay any additional construction costs incurred due to unforeseen field conditions or payment of field measured unit priced contract items.

2.2 WCPARC Responsibilities

2.2.1 In cooperation with TOWNSHIP, WCPARC will oversee the Project in accordance with MDOT standards and requirements. TOWNSHIP will enter into the necessary contract(s) with the Contractor relating to the Project; coordinate the preparation of construction documents with the TOWNSHIP; secure the required easements or right-of-way for the Project; execute the necessary construction contract(s) for the Project; and WCPARC will administer the Project during construction in accordance with WCPARC's and MDOT's guidelines and standard practices and procedures.

2.3 TOWNSHIP Responsibilities

2.3.1 Project Payments to TOWNSHIP: WCPARC shall promptly make payment upon receipt of invoices issued by TOWNSHIP for construction of the project as described herein.

2.3.2 TOWNSHIP shall be the OWNER of the trail upon final acceptance of construction

2.3.3 TOWNSHIP shall operate, maintain, and repair the Project in accordance with non-motorized trail maintenance standards applied throughout the TOWNSHIP.

AGREEMENT SUMMARY

TRAIL CONSTRUCTION (WCPARC B2B MILLAGE FUNDS)	\$145,000
TRAIL CONSTRUCTION (2017 CONNECTING COMMUNITY FUNDS)	\$125,000
TRAIL CONSTRUCTION (MDNR GRANT)	\$135,000
<u>TRAIL DESIGN (TOWNSHIP)</u>	<u>\$ 92,000</u>
PROJECT TOTAL	\$497,000

IN WITNESS WHEREOF, the parties have set their hands to this Agreement the day and year here written.

WASHTENAW COUNTY PARKS AND RECREATION COMMISSION

Dated: _____, 2019

By: Coy Vaughn
Its: Director

THE CHARTER TOWNSHIP OF YPSILANTI

Dated: June 19, 2019

Brenda L Stumbo

By: Brenda Stumbo
Its: Township Supervisor

Dated: June 19, 2019

Karen Lovejoy Roe

By: Karen Lovejoy Roe
Its: Clerk

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-28

A RESOLUTION OF SUPPORT FOR THE IRON BELLE TRAIL IN THE CHARTER TOWNSHIP OF YPSILANTI

WHEREAS, the Charter Township of Ypsilanti recognizes the importance of providing a range of outdoor recreational opportunities to meet the needs of residents; and,

WHEREAS, the Charter Township of Ypsilanti desires to advance the quality of local recreational opportunities by providing facilities that are universally accessible to residents and guests; and,

WHEREAS, the State of Michigan Department of Natural Resources is promoting the Iron Belle Trail which comprises of a hiking route and bicycling route extending from the far western tip of the Upper Peninsula to Belle Isle in Detroit.

WHEREAS, the State of Michigan Department of Natural Resources has designated a portion of the hiking trail route to be in the Charter Township of Ypsilanti; and,

WHEREAS, an engineering firm, PEA, Inc, has evaluated several alternate routes for the Iron Belle Trail to run through the Charter Township of Ypsilanti in an alignment study with the purpose of connecting the Washtenaw County portion of the route with the Lower Huron Metropark in Wayne County; and,

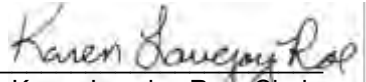
WHEREAS, the Charter Township of Ypsilanti has held an informational meeting regarding the alignment study at Ypsilanti Township Hall on April 11, 2019 and received feedback from residents regarding the potential routes of the trail; and,

THEREFORE, be it resolved that the Charter Township of Ypsilanti supports to further advance the Iron Belle Trail planning and design efforts within the Township; and,

THEREFORE, be it further resolved that the Charter Township of Ypsilanti endorses the route in the eastern half of the Township which extends south from the intersection of Bridge Road and Grove Road to North Hydro Park, then thru North Hydro Park and back north to Grove Road, then extending east along Grove Road, to the intersection of Grove Road and Rawsonville Roads in Washtenaw County; and, **THEREFORE**, be it further resolved that the Charter Township of Ypsilanti recognizes that as the trail planning and design efforts continue, it may be necessary to make modifications to the route of the trail; and,

THEREFORE, be it further resolved that any deviations from the above described route will brought back before the Charter Township of Ypsilanti Board of Trustees for further review and consideration.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2019-28 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on June 18, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti



June 7, 2019

Ms. Brenda Stumbo
Township Supervisor
Charter Township of Ypsilanti
7200 S. Huron River Drive
Ypsilanti, MI 48197

RE: Grove Road Pathway Extension – Bridge Road to Snow Road
Proposal for Construction Services

Dear Ms. Stumbo:

OHM Advisors is pleased to submit this proposal for construction services for the Grove Road Pathway Extension project in the Charter Township of Ypsilanti. This project includes new pathway across the Rawsonville School property (Connecting Communities funded), additional rehabilitation of the Rawsonville Elementary School entrance, and rehabilitation of the existing path in front of the Rivergrove Subdivision (potential funding pending).

PROJECT UNDERSTANDING

This project was originally bid in September of 2018; however, it was decided to rebid this again in 2019 due to various factors. We understand a portion of this pathway is included in the Washtenaw County Parks and Recreation Commission's (WCPARC) "Connecting Communities" pathway/sidewalk initiative and that the Township is currently working with the County to receive additional funds for this project. The design and construction of this pathway is being performed in partnership with WCPARC, the Charter Township of Ypsilanti, and the Van Buren School system.

OHM Advisors has coordinated with the Van Buren School system, which included two (2) meetings held on July 11, 2018 and March 20, 2019, resulting in the proposed removal and replacement of their main drive, at their own expense. OHM, as part of this scope, will continue coordination with the School system and conduct a third meeting to finalize the agreement and temporary easement.

OHM Advisors has also been coordinating with DTE on our previous design due to the addition of a new vault located on the southwest corner of Grove Road and Snow Road. This coordination has been necessary to ensure the new pathway design avoids conflicts with both the existing and proposed vaults. Coordination has also been critical to aid DTE's awareness of the proposed pathway location. Plan revisions, as well as coordination, have occurred over the past several months to ensure there is no conflict with the updated bid package or potential conflict with construction of the proposed DTE vault.

OHM Advisors has also been collaborating with the Township throughout the application process for the WCPARC's Connecting Communities Grant and the Border-to-Border (B2B) Grant.

For the project, construction services will be a collaborative effort in conjunction with WCPARC and G2 Consulting Group (G2). OHM Advisors will be responsible for the construction services, including construction engineering, staking and layout, and coordination with WCPARC who will be inspecting and providing limited contract administration. OHM will coordinate with our subconsultant, G2, whom will be responsible for the material and compaction testing, as well as mix design review.



SCOPE

Task 1 – Re-Bid Project and Coordination with WCPARC, DTE, and Van Buren Schools

In order to re-bid the project, OHM Advisors prepared a revised contract book and a revised set of plans for the bidding process. In good faith, OHM has coordinated with Van Buren Schools as well as DTE to modify the design. In addition, OHM also secured new permits with the Washtenaw County Road Commission (WCRC). OHM provided bidding services along with a recommendation of award and moved forward to scheduling meetings with Rawsonville School representatives.

Task 2 – Construction Layout

OHM Advisors will provide construction survey layout services for the placement of the new pathway. This will include initial placement of the stakes per phase and, if removed by the contractor, one (1) additional staking per phase. Note that this project is phased so we anticipate several site visits to stake each phase.

Task 3 – Construction Engineering and Coordination with WCPARC

OHM Advisors will provide construction engineering services for this project. Construction engineering services will include but are not limited to:

- Assistance with and attendance at one (1) pre-construction meeting.
- Advising the Township or its designated representative during construction.
- Reviewing shop drawings and material certification provided by the contractor.
- Answering Requests for Information (RFIs) from the contractor.
- Resolving construction conflicts (i.e. mismarked utilities, interpretation of the contract documents, etc.).
- As needed construction administration assistance limited to WCPARC requests for change orders and estimates.
- Coordination with Van Buren Schools.
- Bi-weekly progress meetings after construction commences.
- All onsite project inspection will be provided by WCPARC and has not been included in this scope of services.

Task 4 – Materials Testing

G2 Consulting Group will provide testing as required. Material testing services include but are not limited to:

- Proof-rolling observation for applicable subbases.
- Density testing for subbases and asphalt pavement.
- Concrete testing.

FEE

OHM Advisors proposes to provide the above outlined professional construction services on an Hourly – Not to Exceed basis, in accordance with our 2019 Rate Schedule. Invoices will be sent monthly as work is performed.

Design & Rebidding	Task 1 - Re-Bid Project Prep	\$ 8,950.00
CE Services	Task 2 - Construction Layout	\$ 6,500.00
	Task 3 - Construction Engineering	\$ 9,300.00
	Task 4 - G2 Services (Materials Testing)	\$ 8,800.00
TOTAL		\$33,550.00 (Hourly - Not to Exceed)

Note that the layout, construction engineering, and materials testing represents approximately 6% of the estimated construction costs. The WCPARC will perform observation and construction administration, which is typically 6 – 8%.



Overall, construction engineering services, staking, materials testing, and construction observation is approximately 15% of the overall project construction cost.

DELIVERABLES

A final pay estimate and final acceptance letter will be issued upon project completion as well as copies of the inspection reports (with sketches) for record information.

ACCEPTANCE

If this proposal is acceptable to you, a signature on the enclosed copy of this letter and initials on the contract terms and conditions will serve as our authorization to proceed.

Thank you for giving us the opportunity to present this proposal to you. We look forward to working with you throughout this project.

OHM ADVISORS
CONSULTANT

Charter Township of Ypsilanti
CLIENT

(Signature)

Brenda Stumbo

Matthew D. Parks, P.E.

(Name)

Ms. Brenda Stumbo

Principal in Charge

(Title)

Township Supervisor

(Date)

June 19, 2019

(Signature)

Karen Lovejoy Roe

(Name)

Ms. Karen Lovejoy Roe

(Title)

Township Clerk

(Date)

June 19, 2019



June 7, 2019

Ms. Brenda Stumbo
Township Supervisor
Charter Township of Ypsilanti
7200 S. Huron River Drive
Ypsilanti, MI 48197

RE: Proposal for Grove Road Border-to-Border Pathway
Professional Engineering Design Services
Modified Task 4 per 6-18-19 Board Meeting

Dear Ms. Stumbo:

Thank you for the opportunity to submit this proposal to provide Professional Engineering Design Services for the Grove Road Border-to-Border Pathway. This pathway is part of the Washtenaw County Parks and Recreation Commission's (WCPARC) "Border-to-Border (B2B)" pathway/sidewalk initiative. The design and construction of this pathway is being performed in partnership with the Charter Township of Ypsilanti (Township) and the Washtenaw County Parks and Recreation Commission (WCPARC).

This proposal provides key personnel and project manager contact information as well as project understanding, deliverables, schedule, and fee estimation.

PROJECT UNDERSTANDING

The project consists of connecting the pathways at the border of Ypsilanti Township and Van Buren Township, along with an additional pathway that connects pedestrian traffic from Grove Road to the North Hydro Park. The soon to be constructed pathway along Grove Road has recently been selected to become part of the official Border-to-Border (B2B) route.

For the Grove Road B2B pathway, a concrete sidewalk will be constructed at the end of the existing path at the east corner of Rawsonville Elementary School (to be constructed this summer) and extend north across Grove Road and include new pedestrian push-button controls. The existing sidewalk along the north side of Grove Road, from Margery to Nancy Street, will be removed and replaced to conform to current ADA standards as well as potentially widened where possible. A proposed 6-foot wide concrete pathway will be designed from Margery Street to Rawsonville Road with improvements to the Margery intersection. Other existing sidewalk in the north approaches approximate to Rawsonville will also be removed and replaced dependent on ADA compliance and condition of the pavement.

The North Hydro Park path will be constructed from the existing dead-end path within the Park and will connect to the existing pathway on the south side of Grove Road, between Woodale Avenue and the Rawsonville Elementary School main entrance (being rehabilitated this summer). This portion of pathway will be a 10-foot wide asphalt path and will be accompanied with three proposed design concepts.

All pathway design will comply with the current guidelines for pathway construction including the American Association of State Highway Transportation Officials' (AASHTO) Guide for the Development of Bicycle Facilities

OHM Advisors
34000 PLYMOUTH ROAD
LIVONIA, MICHIGAN 48150

T 734.522.6711
F 734.522.6427

OHM-Advisors.com



(where applicable), applicable sections of the Americans with Disabilities Act (ADA), the National Asphalt Pavement Association (NAPA) Standards, and local Ordinances.

OHM Advisors has previously assisted with neighboring Grove Road pathway projects as well as with various application assistance efforts. We offer the following scope of services for the completion of the design of this project.

SCOPE

Task 1 – Design Survey/ROW Identification

OHM Advisors will begin Design Survey upon authorization to proceed. The focus will be to identify critical areas where obtaining temporary or permanent easements could save construction cost as well as areas that may require additional design efforts. Tasks to be accomplished include:

- **Control:** Establish horizontal and vertical control
- **Right-of-Way:** Obtain property boundary and ROW information and tie to project control.
- **Topographic Survey:** Obtain all necessary existing physical features, such as sidewalk, structure inventory, trees, etc., and elevations to provide information for preparing plans, with a focus on meeting all ADA requirements.

Task 2 – Engineering Drawing Design

The data gathered in Task 1, along with the conceptual sketches provided during the Design Survey process, will allow us to create a set of design drawings and aerial maps. These drawings and maps will be further developed to show the pathway location. Preliminary design, as well as pedestrian signal design at Snow Road and Grove Road, will be completed at this time. For the pathway at North Hydro Park, three (3) conceptual designs will be proposed for the Township's consideration. The conceptual designs will offer the Township varying degrees of park "experience" and service. The three concepts have been discussed with Mr. Doug Winters who has previously authorized OHM to prepare a Request for Proposal (RFP) for the Rivergrove site. The concepts will take into careful consideration of the previously approved Planned Development plan and either try to avoid proposed infrastructure or "re-imagine" the parcel as a future trailhead to the eastern most leg of the B2B system and Hydro Park. A kick-off meeting will be held to confirm the three concepts prior to final design work commencing.

The plans will include any notes and details necessary for specific design elements as well as cross-sections of the path. These documents will serve as the plans for the project and allow bidders to recognize the overall scope of work. Additionally, these plans will also be reviewed with the Township for feedback with a second meeting. If easements are needed, they will be discussed at this time. Any plan revisions discussed at the meeting will be incorporated into the drawings for the final bid package. This design is assuming two (2) contingency easements will need to be obtained. Additional easements can be prepared for \$950 each.

Geotechnical information will also be gathered at this stage and will be performed by G2 Consulting Group (G2). We anticipate that two soil borings will need to be obtained for the North Hydro Park area, and another two soil borings will be needed for the B2B pathway.

Task 3 – Specifications and Final Bid Package Assembly

In order to develop the necessary specifications, OHM will follow the Charter Township of Ypsilanti Engineering Standards and Design Specifications. These specifications will reference contractual items, specifically special instructions to bidders, supplemental specifications, and a method of payment for the contractor to follow. The bid package will require the necessary bonding, prevailing wage information, and insurance requirements as well as a bid form that will allow the Township to assess bids on a same class comparison. After completion of the design, the Township will be provided with two (2) hard copies of the package for review along with an updated final engineer's



opinion of probable cost. Final adjustments to the package will then be made based on Township comments prior to advertising and bidding. OHM will also assist and submit for permits, including an SESC permit and WCRC permit, as part of this task.

Task 4 – Bidding

The final bid package will be provided to the WCPARC to bid per their required method. OHM can participate an onsite pre-bid conference with potential bidders if requested by the Township or WCPARC. OHM will address any questions and/or any Requests for Information (RFI) received by the bidding contractors during the bid phase. OHM will attend a bid opening at upon request with the WCPARC on the date specified in the bid documents. Bids received will be read aloud, tabulated, and reviewed by OHM. A letter of recommendation will then be provided to the WCPARC/Township for their use in awarding the project.

DELIVERABLES

Task	Deliverable
Task 2	Engineering Design Plans and Three Concept Plans
Task 3	Final Bidding Package with Chosen Concept Plan
Task 4	Recommendation of Award Letter

KEY PERSONNEL

This project team has been specifically selected to best meet the technical aspects of the design and facilitate coordination with the Township. G2 Consulting Group will offer geotechnical services. Below is a list of key personnel and their role on this project.

Project Team Members	Role on Project	Specific Duties
Matthew Parks, PE	Project Manager	Management, Utility Coordination, & Public Liaison
Elliot Smith	Lead Design Engineer	Concepts, Design Development, ADA Issues, & QA/QC
Phil Maly	Construction Engineer	QA/QC
Andrew Schripsema, PE, PS	Surveyor	Design Survey (Control, Topography, & Right-of-Way)
G2 Consulting Group	Geotechnical Engineer	Soils Report Development

ASSUMPTIONS/CLARIFICATIONS

- The design will be limited to the pathway and hard surface around the proposed conceptual routes only. This design will not incorporate any improvements to Grove Road, or potential “park enhancements” on the Rivergrove property beyond the pathway, or other work outside limits not previously mentioned.
- Any additional tasks outside of the above scope of services can be conducted at an hourly rate or as negotiated between the Township and OHM Advisors. Additional work will not be conducted prior to Township written authorization.
- No construction phase services are included in the proposal. The Township can inspect and administer this project with their staff or OHM can submit a proposal under separate cover for consideration upon request. In general, small projects like this require approximately 12-15% of the overall construction cost to administer construction services. This can change based on the level of service provided.
- Any meetings in addition to the meetings outlined in the above scope are not included in the scope of services but can be attended upon request. Time spent for these meetings will be charged on an hourly basis.



FEE

OHM Advisors will invoice the Charter Township of Ypsilanti for the above stated services on an hourly not-to-exceed basis, in accordance with our 2019 Rate Schedule. Invoices will be sent monthly as work is performed.

Design Tasks	Design Fee
Task 1	\$13,250.00
Task 2	\$18,250.00
Task 3	\$12,650.00
<u>Task 4</u>	<u>\$3,750.00</u>
Total	\$47,900.00

The total fee is estimated to be \$47,900.00. Additional services can be provided on an hourly basis, as requested.

ACCEPTANCE

If this proposal is acceptable to you, a signature on the enclosed copy of this letter and initials on the contract terms and conditions will serve as our authorization to proceed.

Thank you for giving us the opportunity to present this proposal to you. We look forward to working with you throughout this project.

OHM ADVISORS
CONSULTANT

Charter Township of Ypsilanti
CLIENT

(Signature)

Brenda L. Stumbo

Matthew D. Parks, P.E.

(Name)

Ms. Brenda Stumbo

Principal in Charge

(Title)

Township Supervisor

(Date)

June 19, 2019

(Signature)

Karen Lovejoy Roe

(Name)

Ms. Karen Lovejoy Roe

(Title)

Township Clerk

(Date)

June 19, 2019



June 7, 2019

Ms. Brenda Stumbo
Township Supervisor
Charter Township of Ypsilanti
7200 S. Huron River Drive
Ypsilanti, MI 48197

RE: Civic Center Pond Research
Proposal for Geotechnical Services

Dear Ms. Stumbo:

We are pleased to submit a proposal to provide geotechnical services for the Township's Civic Center pond. We understand that the Township desires to perform maintenance and improvements to the existing pond. After discussions with Township staff, it is understood the Township would like the following modifications to the pond: create a 20-foot wide embankment along the building for lawn mowing, configure fountain(s), add peninsula to access fountain, add valve at the pond's outlet, stabilize pond banks with natural stone, waterproof the building wall adjacent to the pond, provide bentonite seal, and place quality topsoil.

It is our recommendation that geotechnical services be provided prior to designing the pond improvements project. This will ensure that the improvements can be completed and within the Township's budget. OHM Advisors will work in conjunction with G2 Consulting Group (G2) to provide six (6) borings with a depth of 20-feet as well as one (1) additional sample at 12-1/2-feet near the bottom of the pond. These services will be provided using a truck rig to access the borings. G2 will provide a full geotechnical report with recommendations including the suitability of existing soils for use as an impermeable earthen berm and assessment of need for liner if sand layers present deeper within the pond. OHM will help coordinate the borings, review the geotechnical report provided by G2, and provide a recommendation on how to proceed. This fee also includes a meeting to review the findings and discuss next steps.

FEE

OHM Advisors will invoice the Charter Township of Ypsilanti for the above stated services as a lump sum fee. The total fee is estimated to be \$6,850.00. Additional services can be provided on a time and material basis, as requested.

ACCEPTANCE

If this proposal is acceptable to you, a signature on the enclosed copy of this letter and initials on the contract terms and conditions will serve as our authorization to proceed.

Thank you for giving us the opportunity to present this proposal to you. We look forward to working with you throughout this project.

OHM ADVISORS
CONSULTANT

Charter Township of Ypsilanti
CLIENT



_____	(Signature)	<u>Brenda Stumbo</u>
<u>Matthew D. Parks, P.E.</u>	(Name)	<u>Ms. Brenda Stumbo</u>
<u>Principal in Charge</u>	(Title)	<u>Township Supervisor</u>
_____	(Date)	<u>June 19, 2019</u>
_____	(Signature)	<u>Karen Lovejoy Roe</u>
_____	(Name)	<u>Ms. Karen Lovejoy Roe</u>
_____	(Title)	<u>Township Clerk</u>
_____	(Date)	<u>June 19, 2019</u>

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-29

Abandoned Tax Delinquent Property

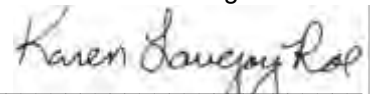
Whereas, the Charter Township of Ypsilanti Board of Trustees has determined that parcels of abandoned tax delinquent property exist; and

Whereas, abandoned tax delinquent property contributes to crime, blight, and decay with Ypsilanti Township; and

Whereas, the certification of tax delinquent abandoned property as certified abandoned property will result in the accelerated forfeiture and foreclosure of certified abandoned property under the general property tax act and return abandoned property to productive use more rapidly, therefore reducing crime, blight, and decay within Ypsilanti Township.

Now Therefore, Be It Resolved, that the Charter Township of Ypsilanti Board of Trustees hereby notifies residents and owners of property within Ypsilanti Township that abandoned tax delinquent property will be identified and inspected; and may be certified abandoned property subject to accelerated forfeiture and foreclosure under the general property tax act.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2019-29 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on June 18, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-30

Authorizing the Charter Township of Ypsilanti to Exercise its “First Right of Refusal” and to Purchase from Washtenaw County Treasurer Catherine McClary Acting in her Capacity as the Foreclosing Governmental Unit Under the Authority of the General Property Tax Act the Real Properties Described Herein Located In Ypsilanti Township, Michigan

WHEREAS, on or about **March 31, 2019** Washtenaw County Treasurer Catherine McClary, Acting in her capacity as the **Foreclosing Governmental Unit** (FGU) under the Authority of the **General Property Tax Act** (GPTA) foreclosed upon certain properties in the Washtenaw County Circuit Court due to delinquent real property taxes.

The **“List of Tax Foreclosed Properties”** for **2019** last revised on **June 4, 2019** (See Exhibit 1) was received by Ypsilanti Township Clerk **Karen Lovejoy Roe** on **June 5, 2019** from Washtenaw County Treasurer McClary which contained *inter alia* the following Ypsilanti Township properties which set forth the amount of unpaid delinquent taxes and are described as follows:

641 Greenlawn

Parcel No.: K-11-11-362-032

Minimum Bid: \$24,974.00

Legal Description:

THAT PART OF LOTS 94 & 95 LYING NLY. OF HWY. RIGHT OF WAY & LOT 96 EASTLAWN SUBDIVISION.

WHEREAS, the Court of Appeals for the State of Michigan in an unanimous decision released for publication on **April 5, 2011** entitled **“City of Bay City vs Bay County Treasurer”** held that under the GPTA that **“. . . the determination of a proper purpose for the purchase of tax-delinquent property is a legislative function, vesting such determinations as arose in this case with Plaintiff’s council.**

Furthermore, because MCL 211.78(m)(1) creates a mandatory legal duty on Defendant's part to sell the property to Plaintiff granting him no discretion to decide not to sale such property, the statute does not empower a county treasurer . . . to make an independent determination as to a municipality's professed 'public' purpose" a

copy of the Court of Appeals decision being attached hereto and incorporated by reference and labeled Exhibit 2; and

WHEREAS, from 2007 through 2018 Ypsilanti Township has seen over 3,000 foreclosures which make up approximately thirty-three (33%) of all foreclosures that have occurred during this time period in Washtenaw County even though the Township's population is only fifteen (15%) of the County's total population; and

WHEREAS, this unprecedented record number of foreclosures in Ypsilanti Township resulted in a significant loss of tax revenue to the Township while also having a direct and negative effect upon the residential property values Township wide; and

WHEREAS, this record number of foreclosures in the Township destabilized a number of residential streets located within the Township's residential subdivisions and greatly contributed to a number of residential neighborhoods becoming predominantly rental properties which further contributed to the destabilization of residential properties; and

WHEREAS, the Charter Township of Ypsilanti in an effort to stabilize the Township's existing residential neighborhoods entered into a partnership with Habitat for Humanity for acquiring and rehabilitating residential properties located in the Township for homeowner occupancy which has resulted in increased neighborhood stabilization and has prevented further deterioration of existing residential subdivisions throughout the Township while also resulting in the increase of property values and the tax base in the Township; and

WHEREAS, Habitat has notified the Township of its desire to acquire additional residential properties in the Township for rehabilitation and resale to homeowners which further promotes the Township Board's stated policy of neighborhood stabilization; and

WHEREAS, the Ypsilanti Township Board of Trustees has determined and hereby finds that the exercise of its **"First Right of Refusal"** to acquire the above listed properties constitutes a **"Public Purpose"** as set forth in the Court of Appeals case entitled **"City of Bay City vs Bay County Treasurer"** since it is imperative that in order for the Township to achieve its stated public purpose of neighborhood stabilization and to prevent further deterioration of residential property values that the Township continues in its ongoing efforts with Habitat for Humanity to increase homeownership by acquiring residential properties in the Township for resale to Habitat who will rehabilitate said properties that in turn will be resold to persons for homeownership as opposed to being utilized as rental/investment properties; and

WHEREAS, the Township has been advised by the Washtenaw County Treasurer's Office that the minimum bid price for the aforementioned listed property totals **\$24,974**;

NOW, THEREFORE THE YPSILANTI CHARTER TOWNSHIP BOARD OF TRUSTEES HEREBY RESOLVES AS FOLLOWS:

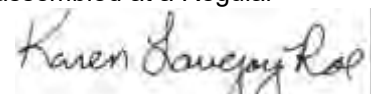
1. That the Township hereby finds and determines that the exercise of its **"First Right of Refusal"** pursuant to the General Property Tax Act as further defined in the Court of Appeals case entitled **"City of Bay City vs Bay County Treasurer"** to purchase the properties hereinabove listed located in the Township of Ypsilanti, Washtenaw County, State of Michigan, constitutes a **"Public Purpose"** since it is imperative that in order for the Township to achieve its stated public

purpose of neighborhood stabilization and to prevent further deterioration of residential property values that the Township continues in its ongoing efforts with Habitat for Humanity to increase homeownership by acquiring residential properties in the Township for resale to Habitat who will rehabilitate said properties that in turn will be resold to persons for homeownership as opposed to being utilized as rental/investment properties.

2. That the Township hereby notifies Washtenaw County Treasurer Catherine McClary Acting in her Capacity as the Foreclosing Governmental Unit that the Township desires to purchase the above listed property under the Township's **"First Right of Refusal"** for the minimum bid of **\$24,974**.

3. That the Township authorizes the payment of **\$24,974.00** for the purpose of acquiring the above listed property pursuant to the Township's **"First Right of Refusal"** for the **"Public Purpose"** as defined herein.

I, Karen Lovejoy Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2019-30 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on June 18, 2019.



Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

Resolution Establishing Authorized Signatories for MERS Contracts and Service Credit Purchase Approvals



1134 Municipal Way Lansing, MI 48917 | 800.767.MERS (6377) | Fax 517.703.9711

www.mersofmich.com

This Resolution is entered into under the provisions of 1996 PA 220 and the Municipal Employees' Retirement System of Michigan ("MERS") Plan Document, as each may be amended.

This resolution applies to reporting unit(s) # 8104 of the participating municipality listed below.

WHEREAS, The Charter Township of Ypsilanti ("Employer") is a participating municipality with the Municipal Employees' Retirement System of Michigan ("MERS") and has adopted one or more retirement, insurance, investment or other post-employment benefit products administered by MERS;

WHEREAS, MERS requires signatures of an authorized representative of the Employer to execute contracts with MERS, the entry of which is authorized by the governing body and permitted under the applicable MERS Plan Document(s);

WHEREAS, the Employer wishes to designate certain job position(s), the holder(s) of which may sign MERS' contracts relating to the adoption, amendment and termination of MERS' products, and defined benefit service credit purchase approvals on behalf of Employer to implement decisions and actions of the governing body;

WHEREAS, this Resolution is not intended to apply to MERS forms or any other MERS document except as specifically mentioned herein,

Therefore, the Governing Body resolves:

The holders of the following job position(s) are hereby *Authorized Officials* that can sign: (1) MERS Adoption Agreements, Resolutions, Participation Agreements, Administrative Services Agreements, Withdrawal Agreements and any other contracts between MERS and the Employer with respect to Employer's participation in any MERS-administered product and any amendments and addendums thereto, and (2) MERS Defined Benefit service credit purchase approvals:

1. Township Supervisor

Optional additional job positions:

2. Township Clerk
3. Township Human Resource Representative

This Resolution may be revoked in writing or amended by the Governing Body at any time, provided that it will not be effective until such writing or amended Resolution is received by MERS. The Governing Body agrees that MERS may rely upon this Resolution as conferring signing authority upon the holders of the above job position(s) to bind Employer with respect to MERS.

Adopted at a regular/special meeting of the Governing Body on June 18, _____, 2019.

Authorized signatory: *Karen Wallin*

Name: Karen Wallin

Title: Human Resource Representative

2019 Tax Rate Request (This form must be completed and submitted on or before September 30, 2019)

MILLAGE REQUEST REPORT TO COUNTY BOARD OF COMMISSIONERS

Carefully read the instructions on page 2.

This form is issued under authority of MCL Sections 211.24e, 211.34 and 211.34d. Filing is mandatory; Penalty applies.

County(ies) Where the Local Government Unit Levies Taxes Washtenaw	2019 Taxable Value of ALL Properties in the Unit as of 5-28-19 TV 1,406,630,502 (TV minus Renaissance Zone 1,380,345,226)
Local Government Unit Requesting Millage Levy Charter Township of Ypsilanti	For LOCAL School Districts: 2019 Taxable Value excluding Principal Residence, Qualified Agricultural, Qualified Forest, Industrial Personal and Commercial Personal Properties.



This form must be completed for each unit of government for which a property tax is levied. Penalty for non-filing is provided under MCL Sec 211.119. The following tax rates have been authorized for levy on the 2019 tax roll.

(1) Source	(2) Purpose of Millage	(3) Date of Election	(4) Original Millage Authorized by Election Charter, etc.	(5) ** 2018 Millage Rate Permanently Reduced by MCL 211.34d "Headlee"	(6) 2019 Current Year "Headlee" Millage Reduction Fraction	(7) 2019 Millage Rate Permanently Reduced by MCL 211.34d "Headlee"	(8) Sec. 211.34 Truth in Assessing or Equalization Millage Rollback Fraction	(9) Maximum Allowable Millage Levy *	(10) Millage Requested to be Levied July 1	(11) Millage Requested to be Levied Dec. 1	(12) Expiration Date of Millage Authorized
Allocated	Gen Op	N/A	1.1160	1.0167	.9899	1.0064	1.0000	1.0064		1.0064	N/A
Voted	Fire Prot	11/8/16	3.1250	3.0962	.9899	3.0649	1.0000	3.0649		3.0649	2020
Voted	Fire Cap	5/8/18	.5000	.5000	.9899	.4949	1.0000	.4949		.4949	2022
Voted	Sld Waste	11/8/16	2.1550	2.1351	.9899	2.1135	1.0000	2.1135		2.1135	2020
Voted	Police	11/8/16	5.9500	5.8952	.9899	5.8356	1.0000	5.8356		5.8356	2020
Voted	Rec/BP	11/8/16	1.0059	.9966	.9899	.9865	1.0000	.9865		.9865	2020
PA345	FPen/HC	N/A						1.3300		1.3300	N/A

Prepared by Javonna Neel	Telephone Number (734) 484-3702	Title of Preparer Accounting Director	Date 6/19/19
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CERTIFICATION: As the representatives for the local government unit named above, we certify that these requested tax levy rates have been reduced, if necessary to comply with the state constitution (Article 9, Section 31), and that the requested levy rates have also been reduced, if necessary, to comply with MCL Sections 211.24e, 211.34 and, for LOCAL school districts which levy a Supplemental (Hold Harmless) Millage, 380.1211(3).

Local School District Use Only. Complete if requesting millage to be levied. See STC Bulletin 3 of 2019 for instructions on completing this section.

<input checked="" type="checkbox"/> Clerk	Signature 	Print Name Karen Lovejoy Roe	Date 6/19/19
<input type="checkbox"/> Secretary			
<input type="checkbox"/> Chairperson	Signature 	Print Name Brenda L. Stumbo	Date 6/19/19
<input checked="" type="checkbox"/> President			

Total School District Operating Rates to be Levied (HH/Supp and NH Oper ONLY)	Rate
For Principal Residence, Qualified Ag, Qualified Forest and Industrial Personal	
For Commercial Personal	
For all Other	

* Under Truth in Taxation, MCL Section 211.24e, the governing body may decide to levy a rate which will not exceed the maximum authorized rate allowed in column 9. The requirements of MCL 211.24e must be met prior to levying an operating levy which is larger than the base tax rate but not larger than the rate in column 9.

** **IMPORTANT:** See instructions on page 2 regarding where to find the millage rate used in column (5).

**CHARTER TOWNSHIP OF YPSILANTI
2019 BUDGET AMENDMENT #10**

June 18, 2019

AMOUNTS ROUNDED UP TO THE NEAREST DOLLAR

101 - GENERAL OPERATIONS FUND **Total Increase** \$6,115.00

Request to increase budget for PTO payouts at 75% of the hours requested. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$803.00
		Net Revenues	<u><u>\$803.00</u></u>
Expenditures:	Salaries Pay Out - PTO & Sick	101-201-000-708.004	\$746.00
	FICA	101-201-000-715.000	\$57.00
		Net Expenditures	<u><u>\$803.00</u></u>

Request to increase budget for the purchase and installation of a cameras the Cliffs. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$5,312.00
		Net Revenues	<u><u>\$5,312.00</u></u>
Expenditures:	Neighborhood Camera System	101-970-000-972.000	\$5,312.00
		Net Expenditures	<u><u>\$5,312.00</u></u>

212 - BIKE, SIDEWALK, REC, ROADS GENERAL FUND (BSRII) **Total Increase** \$489,950.00

Request to increase budget for the Grove Road Path - Border to Border Trail (B2B) Project. This project is part of the Iron Belle Trail planning grant in collaboration with the Washtenaw County Parks and Recreation Commission (WCPARC), the Michigan Department of Natural Resources (MDNR), the Huron Waterloo Pathways Initiative (HWPI), Van Buren Schools, and The Charter Township of Ypsilanti. The total project for 2019 is \$489,950 (Best Asphalt \$408,500 and OHM \$81,450). This will be funded by grant funds of \$393,100, a contribution from Van Buren School of \$40,000 and an appropriation of prior year fund balance of \$56,850.

Revenues:	County Grant - Connecting	212-000-000-540-200	\$393,100.00
	Contribution - Local School	212-000-000-581.500	\$40,000.00
	Prior Year Fund Balance	212-000-000-699.000	\$56,850.00
		Net Revenues	<u><u>\$489,950.00</u></u>
Expenditures:	Capital Outlay - Pathway	212-970-000-997.007	\$489,950.00
		Net Expenditures	<u><u>\$489,950.00</u></u>

Motion to Amend the 2019 Budget (#10)

Move to increase the General Fund budget by \$6,115 to \$10,090,671 and approve the department line item changes as outlined.

Move to increase the Bike, Sidewalk, Rec, Roads, General Fund II budget by \$489,950 to \$2,162,498 and approve the department line item changes as outlined.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JULY 2, 2019 WORK SESSION MEETING**

Supervisor Stumbo called the meeting to order at approximately 6:04 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township.

Members Present: Supervisor Stumbo, Clerk Lovejoy Roe and Treasurer Doe
Trustees: Stan Eldridge, Heather Jarrell Roe,
Jimmie Wilson, Jr. and Monica Ross-Williams

Members Absent: none

Legal Counsel: Wm. Douglas Winters

1. BOARD POLICY.....CLERK LOVEJOY ROE

Clerk Lovejoy Roe stated she submitted to the Board a down sized version on what was discussed at different meetings. She said she met with Attorney Angela King and she reviewed all of the information. Clerk Lovejoy Roe stated Attorney King said it would be up to the Board what they wanted to adopt but she recommended that we not include items covered by state law.

Trustee Ross-Williams asked under the order of business it used to have Trustee Comments and it's not listed and she asked why it was taken out. She said she didn't know if it was taken out before she was elected to the board but she asked how she could have it put back in.

Trustee Wilson stated that he remembered for the first year he was on the Board there was a Supervisor, Clerk and Trustee report and then it wasn't in there anymore. Trustee Wilson said he would like to know why it was no longer in there. He said didn't care if it was there or not.

Trustee Ross-Williams said she knows it would be a board decision but she would like it back on.

Supervisor Stumbo said she thought it might be because agenda items for

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JULY 2, 2019 WORK SESSION MEETING
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township government were for action on an item instead of just getting updates. She said maybe we could do it in the work session.

Trustee Eldridge stated since he's been here sixteen years it has been hit or miss. He said sometimes the Supervisor would give a monthly report on meetings she attended. He said we didn't take any action on those. He said the Clerk or Treasurer had a report and if the Trustees had something to say they would give a report. He said the first to get cut was the Trustees and then eventually the other reports disappeared. He said he agreed to have it put back in.

Supervisor Stumbo stated that would be the same for all the board members. She asked if it should be on the work session, should it be in verbal and written form.

Trustee Eldridge suggested it should be at the Regular Board Meeting when more of the public was present. He said he wanted it to be a verbal and not a written report.

Trustee Ross-Williams said she wanted it to be a verbal report and it could have a time limit of maybe three minutes.

Trustee Jarrell Roe said she didn't care if we make a special time for a Trustee Report. She said if she has something she wants said she will say it during the meeting. She said if the board decides to have a special time in the meeting for a Trustee Report she would not like a time limit.

Trustee Ross-Williams stated the time limit was just a suggestion which could be accepted or rejected. She said she does think it should be on the agenda.

Trustee Eldridge explained where the Supervisor, Clerk and Trustees report should be located on the agenda.

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Supervisor Stumbo suggested it should be listed as Board Reports. She asked if it should be at the end of the meeting or the beginning.

Trustee Eldridge suggested it should be at the beginning of the meeting since some of the residents may leave before the board meeting was over.

Trustee Jarrell-Roe stated on a work session agenda there was a designated place for Other Discussion and she said that would be an appropriate place to give our reports.

Clerk Lovejoy Roe stated Other Discussion was for Board Reports and other discussion.

Supervisor Stumbo stated she was thinking about people who come and give their presentations and we have to vote on their agenda items. She said it was professional courtesy more than anything to not make them wait.

Trustee Eldridge said if we were limiting it to two or three minutes it should not make that big of a difference.

Trustee Eldridge stated he didn't care either way but that it was important to put it on the agenda so if any board member had something they wanted to say there would be a designated place.

Clerk Lovejoy Roe asked to get a consensus on where they should be located.

Supervisor Stumbo stated she preferred it at the end.

Treasurer Doe stated he would like it in the Work Session.

Trustee Ross-Williams stated it she would like it before or right after the Attorney Report.

Trustee Wilson agrees that it should be in the regular meeting early in the

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JULY 2, 2019 WORK SESSION MEETING
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agenda.

Trustee Wilson asked if it was going to be in the beginning of the work session could we also include a written copy for the board packet.

Trustee Eldridge stated that he didn't understand why an elected official couldn't have two minutes to speak at a board meeting.

Trustee Ross-Williams stated she would like it at the regular meeting and it would be to speak about what meetings they have attended and not to speak about agenda items.

Supervisor Stumbo stated she would not like it at the beginning of the agenda because that is when the board takes care of business. She said if it was on the regular board meeting agenda it should be at the end of the meeting or just before Authorization and Bids.

Clerk Lovejoy Roe said if it was only for the board member to state what meeting and other township functions they have attended it would be better to submit it in written form and we would put it in the board packet.

Trustee Ross-Williams stated it was to explain what each member has done between board meetings.

Supervisor Stumbo asked if Trustee Ross-Williams would compromise.

Trustee Ross-Williams stated her main purpose was to get it back on the agenda. She said she would like it after the Attorney Reports but it could be before or after Authorization and Bids.

Supervisor Stumbo asked if the new policy draft referred to any of the recordings of the meetings.

Clerk Lovejoy Roe stated it was not in there.

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MINUTES OF THE JULY 2, 2019 WORK SESSION MEETING
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Supervisor Stumbo asked for the recordings of the meetings to be added to the policy.

Clerk Lovejoy Roe stated she would include in the policy audio and video when they come available they would be uploaded.

Trustee Eldridge stated that on the policy draft under Public Comments it does not state they have a maximum of three minutes.

Clerk Lovejoy Roe said she would put it in the policy for three minutes maximum for Public Comments. She said she would include that audio and video recordings would be available on the website. She said the Board Reports and Discussion would go on the regular meeting agenda after Other Business.

Trustee Eldridge questioned under the regular meeting agenda when do the items need to be in for next board meeting.

Clerk Lovejoy Roe stated she and Supervisor Stumbo decided they should be in at 1:00pm on the Monday on the week before the board meeting. She said the board packet would get out on our website the Wednesday before the next board meeting on Tuesday.

Trustee Eldridge suggested it be changed to 4:00pm on Monday and give staff a full day to get the information to the Clerk's Office for the agenda.

Clerk Lovejoy Roe stated the difference was the Clerks' office has shortened their time for getting the packet together by two days.

Trustee Eldridge asked what was so magical about getting it out on Wednesday instead of Thursday because you still have five full days plus the day of the meeting to go over what is in the packet.

Clerk Lovejoy Roe stated the earlier we get it out the more residents can see

**CHARTER TOWNSHIP OF YPSILANTI
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what is on the agenda. She said her goal was to have it out a week before the meeting for increased transparency.

Trustee Eldridge questioned where it says items not received by the stated deadline shall not be considered by the board except by unanimous consent.

Clerk Lovejoy Roe stated that was the law.

Trustee Eldridge questioned if they came in on a Tuesday afternoon and something has been added and one person says they don't want to discuss it tonight than that ends that, correct?

Clerk Lovejoy Roe said it's when it is on the agenda before the board meeting because there is not a deadline on that. Clerk Lovejoy Roe stated by law we do not have to have an agenda. She said the reason is so someone wouldn't put something on the agenda when someone else isn't there and wasn't able to see it was on the agenda.

Trustee Eldridge stated he was confused because by law we don't have to have an agenda for the public to see.

Clerk Lovejoy Roe stated you just have to have a notice there will be a meeting. She said she would double check because she believes its' a law.

Trustee Eldridge stated that would run contrary to having the information out by a certain date. He said he has an issue when something is placed in front of four Trustee an hour before a board meeting and they are asked to make a decision on it when they have had not real opportunity to discuss it between themselves. He said that wasn't very transparent for the Trustees. He said if we leave it this way that's fine.

Trustee Jarrell Roe read the rule and then said the item shouldn't be put on the agenda they should come to the board and state they have an item they would like to add to the agenda to be voted on.

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Clerk Lovejoy Roe stated that was actually the law so she would get clarification to be able to explain it clearer.

Trustee Jarrell Roe stated she thought they were not putting any laws in the policy. She said she suggests that if it is a policy to have something in by a certain time than stick to it.

Supervisor Stumbo said that a good example of what happened on Friday was Nathan Vought contacted us and said we could be reconsidered for environmental cleanup brownfield dollars and if the agenda item had to be in on Friday that would not be able to happen.

Clerk Lovejoy Roe stated if we as Elected Officials could agree that unless it was a true emergency, we would be able to get our items on the agenda and get it out 6 days before the board meeting.

Clerk Lovejoy Roe said the current process applies to the work session and agenda items.

Trustee Jarrell Roe said that being rushed into decisions was not a responsible way to do business. She said a business that is done with tax-payers dollars should not be in a rushed, hurried manner. Trustee Jarrell Roe said it's always an issue and she hates making decisions when she thinks she is under the gun.

Clerk Lovejoy Roe said with the CDBG grants we may lose them if we don't get the bus shelter and the Washtenaw Avenue project completed because they have been going on for four years and you think its' ready and then there is another easement you have to get. Clerk Lovejoy Roe said you're trying to stay in the time frame that Urban County has set for this in order to keep your funding. Clerk Lovejoy Roe said some of the processes are out of our control related to revising the agenda.

Supervisor Stumbo stated we also have the ability to call a special meeting if we

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need to. She asked if there was a time that the packet would be uploaded on Wednesday.

Clerk Lovejoy Roe stated they didn't specify but the goal was to have it uploaded by 4:00pm.

Supervisor Stumbo said that when something pops up like with Brownfield it should go to the entire board and they will decide if it should be added based on what's before us. She said there was no revised agenda language in the draft.

Clerk Lovejoy Roe said the problem is that by adding items to the agenda at the board meeting, is they are not in writing on the published agenda or in the packet and must be added later. She said it is more transparent to at least have it as a revised agenda and in the packet then to verbally add it at the board meeting.

Trustee Eldridge said we just have to be better at this. He said we need a full packet in order to vote on items and if it isn't in the packet we should not vote on it until it is.

Clerk Lovejoy Roe said since we didn't finish all the policy we will add it to another work session.

The Work Session adjourned at 7:01 p.m.

Respectfully Submitted,

Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JULY 2, 2019 REGULAR BOARD MEETING**

Supervisor Stumbo called the meeting to order at approximately 7:01 p.m. in the Ypsilanti Township Civic Center Board Room, 7200 S. Huron River Drive, Ypsilanti Township. The Pledge of Allegiance was recited followed by a moment of silent prayer.

Members Present: Supervisor Stumbo, Clerk Lovejoy Roe, Treasurer Doe
Trustees: Stan Eldridge, Heather Jarrell Roe
Jimmie Wilson, Jr., and Monica Ross-Williams

Members Absent: none

Legal Counsel: Wm. Douglas Winters

PUBLIC HEARING

- A. REQUEST TO APPROVE TWO PRIVATE ROAD VARIANCES FOR SAUTER RD. (PUBLIC HEARING CANCELLED DUE TO APPLICANT WITHDRAWING REQUEST FOR TWO PRIVATE ROAD VARIANCES)**

Supervisor Stumbo stated the Public Hearing was cancelled due to the applicant withdrawing their request.

PUBLIC COMMENTS

Arloa Kaiser stated she was against the YMCA coming to the Township. She said the township wants to give property to them that has an assessed value of 4 million dollars. She said the fire department wants to purchase fire trucks and that money comes from the budget. She said we need fire trucks, police officers, and firemen and we could sell this property to pay for those things.

CONSENT AGENDA

- A. MINUTES OF THE JUNE 18, 2019 WORK SESSION AND REGULAR MEETING**

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve the Consent Agenda.

Trustee Ross Williams and Trustee Jarrell Roe had additions to the minutes. Clerk Lovejoy Roe said she would check and bring minutes back to the next meeting.

- B. STATEMENTS AND CHECKS**

- 1. STATEMENTS AND CHECKS FOR JULY 2, 2019 IN THE AMOUNT OF \$717,483.98**

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MINUTES OF THE JULY 2, 2019 REGULAR BOARD MEETING
PAGE 2**

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve the Statements and Checks.

The motion carried unanimously.

ATTORNEY REPORT

A. GENERAL LEGAL UPDATE

Attorney Winters stated the Township has many projects going on. He said one item they have been working on for quite some time was getting a new retaining wall at Gault Village which he said is now completed.

Attorney Winters stated that with Ypsilanti Township participation in helping Rutherford Pool it has brought enjoyment to a lot of children in Ypsilanti. He said it was a great opportunity for children to learn to swim.

Attorney Winters stated that Re-Imagine Washtenaw project has been going on for about four years and is finally coming to an end. He said he received an easement from Camelot Apartments today. Attorney Winters said we will receive from Key Bank \$4,650.00 of the \$5,000.00 retainer we paid for them to review the easement. He said we had allocated \$7,500.00 to Key Bank but the total we will pay them would only be \$350.00. He said the \$7,150.00 at least on paper will then off-set the Honigman Firm bill for legal services in regard to their representation of Camelot Apartments. He said Nathan Vought for the last six months has worked very well with the Township on Brownfield issues as well as Re-Imagine Washtenaw corridor issues. Attorney Winters said that Mr. Vought negotiated easements with owners of U-Haul and Mr. Muffler. Attorney Winters stated that OHM was under contract to do the design and it would go out for bid with a Spring of 2020 construction date.

Attorney Winters stated he and Mike Radzik, OCS Director met with the Vice President of Lombardo Homes to try and carve out a pathway to see if we could re-start the Crystal Ponds Development. He said it was a development on Bunton Road that was approved over 20 years ago and the Developer was prosecuted for stealing money from deposits for condominiums that never were completed in that development. He said about 25 people out of 90 sites live there and it needs to be re-developed. He said Lombardo has resurrected some developments in the Township and they would like to move forward with doing the same with this development. He said the price for these condos would be a good price point for first time home buyers and empty nesters.

Attorney Winters said regarding the two Fire Trucks he received all the items that were lacking last meeting such as the warranties, contracts and he had forwarded the information to the Board Members.

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MINUTES OF THE JULY 2, 2019 REGULAR BOARD MEETING
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NEW BUSINESS

- 1. RESOLUTION 2019-31, APPROVAL OF PLANNED DEVELOPMENT PD-21 PRELIMINARY SITE PLAN FOR YANKEE AIR MUSEUM LOCATED AT 1 LIBERATOR WAY, PARCEL K-11-12-100-007 AND APPROVAL OF THE DEVELOPMENT AGREEMENT BETWEEN YANKEE AIR FORCE, INC. AND THE CHARTER TOWNSHIP OF YPSILANTI**

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Table this until the next meeting.

Jarrell Roe	Yes	Eldridge	Yes	Ross-Williams	Yes
Lovejoy Roe	Yes	Stumbo	Yes	Doe	Yes
Wilson	Yes				

The motion carried unanimously.

- 2. REQUEST TO APPROVE THIRD AGREEMENT WITH THE WASHTENAW COUNTY ROAD COMMISSION FOR CRACK SEALING IN THE PARTRIDGE CREEK SUBDIVISION IN THE AMOUNT OF \$40,000.00 TO BE BUDGETED IN LINE ITEM #101-446-000-818-022 CONTINGENT UPON APPROVAL OF BUDGET AMENDMENT**

A motion was made by Clerk Lovejoy Roe, supported by Trustee Wilson to Approve the Third Agreement with the Washtenaw County Road Commission for crack Sealing in the Partridge Creek Subdivision in the Amount of \$40,000.00 to be Budgeted in Line Item #101-445-000-818-022 Contingent Upon Approval of Budget Amendment (see attached).

The motion carried unanimously.

- 3. REQUEST TO AUTHORIZE PAYMENT TO HONIGMAN FOR SERVICES RENDERED IN REGARD TO THE WASHTENAW AVE. EASEMENT AGREEMENT BETWEEN 136 GROUP LLC AND YPSILANTI TOWNSHIP IN THE AMOUNT OF \$6,500.00 BUDGETED IN LINE ITEM #101-445-000-818-022**

A motion was made by Treasurer Doe, supported by Trustee Jarrell Roe to Approve the Request to Authorize Payment to Honigman for Services Rendered in Regard to the Washtenaw Ave. Easement Agreement Between 136 Group LLC and Ypsilanti Township in the Amount of \$6,500.00 Budgeted in Line Item #101-445-000-818-022.

The motion carried unanimously.

**CHARTER TOWNSHIP OF YPSILANTI
MINUTES OF THE JULY 2, 2019 REGULAR BOARD MEETING
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4. REQUEST TO APPROVE GRANT OF EASEMENT BETWEEN AREC 19, LLC "U-HAUL" AND YPSILANTI TOWNSHIP FOR WASHTENAW AVE.

A motion was made by Clerk Lovejoy Roe, supported by Trustee Ross-Williams to Approve Grant of Easement Between Arec 19, LLC "U-Haul" and Ypsilanti Township for Washtenaw Ave. (see attached).

The motion carried unanimously.

5. REQUEST FOR APPROVAL OF PHASE 1 (\$2,150.00) AND PHASE II (\$15,690.00) CONTRACTS WITH AKT PEERLESS FOR ENVIRONMENTAL SITE ASSESSMENTS AT 1165 ECORSE RD. AND 1160 DAVIS ST. IN THE TOTAL AMOUNT OF \$17,840.00 TO BE BUDGETED IN LINE ITEM #101-950-000-801-400 AND AUTHORIZE SIGNING OF TWO AGREEMENTS WITH THE WASHTENAW COUNTY BROWNFIELD DEVELOPMENT AUTHORITY FOR REIMBURSEMENT FOR THE TWO ESA CONTRACTS SUBJECT TO ATTORNEY APPROVAL

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve Phase I (\$2,150.00) and Phase II (\$15,690.00) Contracts with AKT Peerless for Environmental Site Assessments at 1165 Ecorse Rd. and 1160 Davis St. in the Total Amount of \$17,840.00 to be Budgeted in Line Item #101-950-000-801-400 and Authorize Signing of Two Agreements with the Washtenaw County Brownfield Development Authority for Reimbursement of the Two ESA Contracts Subject to Attorney Approval (see attached).

Attorney Winters explained this was the former Ypsilanti Township Hall and Fire Station and later the building was used as a Library. He said they were going to do some environmental testing so the Township could continue with their plans to redevelop this property so they could market it appropriately in conjunction with the master plan for Ecorse Road.

The motion carried unanimously.

6. REQUEST APPROVAL OF THE AKT PEERLESS PROPOSAL TO PREPARE AN ENVIRONMENTAL CONSTRUCTION MANAGEMENT PLAN AND DOCUMENTATION OF DUE CARE COMPLIANCE FOR 1150 MIDWAY RD. IN THE AMOUNT OF \$6,450.00 TO BE BUDGETED IN LINE ITEM #212-212-000-801-300 CONTINGENT UPON APPROVAL OF THE BUDGET AMENDMENT AND APPROVAL BY THE WASHTENAW COUNTY BROWNFIELD AUTHORITY FOR FUNDING

A motion was made by Treasurer Doe, supported by Trustee Wilson to Approve the AKT Peerless Proposal to Prepare an Environmental Construction Management Plan and Documentation of Due Care Compliance for 1150 Midway Rd. in the Amount of \$6,450.00 to be Budgeted in Line Item #212-212-000-801-

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300 Contingent Upon Approval of the Budget Amendment and Approval by the Washtenaw County Brownfield Authority for Funding (see attached).

The motion carried unanimously.

7. BUDGET AMENDMENT #11

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Approve Budget Amendment #11 (see attached).

The motion carried unanimously.

OTHER BUSINESS

A motion was made by Clerk Lovejoy Roe, supported by Treasurer Doe to Adjourn.

The motion carried unanimously.

The meeting was adjourned at approximately 7:30 PM.

Respectfully Submitted,

Brenda L. Stumbo, Supervisor
Charter Township of Ypsilanti

Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti

2019 YPSILANTI TOWNSHIP THIRD AGREEMENT

THIS AGREEMENT, made and entered into this 3rd day of July, 2019, by and between the Township Board of Ypsilanti Township, Washtenaw County, parties of the first part and the Board of Washtenaw County Road Commissioners, parties of the second part.

WHEREAS, the parties of the first part desire that certain improvements be made upon the local roads in the Township of Ypsilanti, and

WHEREAS, proper authority is provided to the parties of the agreement under the provisions in Act 51 of Public Acts of 1951 as amended,

WHEREAS, it is understood that the Charter Township of Ypsilanti will be a named insured on the Washtenaw County Road Commission's coverages for liability for the activities described herein. The Road Commission will submit a certificate of insurance evidencing such coverages to the Township Clerk prior to implementation of services under the contract. Each party to this contract shall be responsible for the acts and omissions of its employees and agents.

IT IS NOW THEREFORE AGREED, the parties of the second part will accomplish the improvements as specified herein, all in accordance with the standards of the parties of the second part.

1. Partridge Creek Subdivision:

Work to include crack sealing. Roads to include: Brentwood Drive, Summerdale Court West, West Summerdale Circle, East Summerdale Circle, Robindale Drive, Paint Creek Drive, Summerdale Court East, Pleasant Lane, Thornhill Drive, Meadowlark Lane, Squirrel Drive, Enchanted Drive, Mallard Way, Robin Court, Springwater Drive, Starling Court.


Estimated project cost: **\$ 40,000.00**

AGREEMENT SUMMARY


2019 LOCAL ROAD PROGRAM
Partridge Creek Subdivision **\$ 40,000.00**

ESTIMATED AMOUNT TO BE PAID BY YPSILANTI TOWNSHIP
UNDER THIS AGREEMENT DURING 2019: **\$ 40,000.00**

FOR YPSILANTI TOWNSHIP:


Brenda L. Stumbo, Supervisor 7-3-19


Witness 7-3-19


Karen Lovejoy Rde, Clerk 7-3-19


Witness 7-3-19

FOR WASHTENAW COUNTY ROAD COMMISSION:

Douglas E. Fuller, Chair

Witness

Sheryl Soderholm Siddall, Managing Director

Witness

GRANT OF EASEMENT

On the 21st day of June, 2019, Grantor grants to Grantee, its successors and assigns, a permanent easement over a part of each of Grantor's parcels of Land called the "Permanent Easement," and grants a temporary construction easement over a part of Grantor's parcels of Land called the "Temporary Construction Easement."

Grantor is: AREC 19, LLC, PO Box 21517, Phoenix, AZ 85036

Grantee is: Charter Township of Ypsilanti, 7200 S. Huron River Drive, Ypsilanti, MI 48197.

Grantor's Land is: The following described parcels of land in the Charter Township of Ypsilanti, Washtenaw County, Michigan:

YP#61-45-A: LOTS 227-228-229 & LOTS 339-342, ALSO PART OF LOTS 343-344, AND PART OF VACATED COLLEGEWOOD DRIVE. CONTAINING 1.59 AC., FAIRVIEW HGTS. SUB. #1 Subject to all easements and restrictions of record, if any.

Tax ID: K-11-06-325-010

Commonly known as: 2714 Washtenaw Ave. (Uhaul)

The "Permanent Easement" areas and "Temporary Construction Easement" areas are depicted on the attached Exhibit A.

Purpose: It is the purpose of these Easements to allow Grantee to construct a sidewalk for the use of the public and provide the public safer methods of non-motorized travel as well as the aesthetic benefits that result from the presence of a sidewalk.

Grant of Permanent Easement: Grantor grants to Grantee a permanent Easement over Grantor's Property, which Easement is more fully described in Exhibit A.

Grant of Temporary Construction Easement: Grantor grants to Grantee a Temporary Construction Easement over the area depicted on Exhibit A as the construction easement for the purposes of access, construction and grading during the construction of the sidewalk in the Permanent Easement Area.

Buildings or other Permanent Structures: No buildings, fences or other permanent structures shall be constructed in the Easement Area without Grantee's prior written consent.

Rights and Obligations of Grantee Regarding Easement:

Access: Grantee may enter at any time upon Grantor's land for the purposes of exercising its rights under this Easement.

Creation of Sidewalk: Grantee may create a sidewalk not to exceed five (5) feet in width which will have a concrete surface. The exact location of the improved surface in said Easement may vary between the edges of the overall Easement as granted herein.

Grantee Obligations: Grantee shall be responsible only for the initial construction of the improved surfaces, the construction of which will comply with all engineering and design standards of the Charter Township of Ypsilanti Code of Ordinances.

Temporary Closings: Grantee may, but is not required to, close any portions of the sidewalk on a temporary basis for repairs and maintenance including removal of storm damaged trees that may block portions of the sidewalk, natural hazards including flooding, resurfacing or repairing portions of the sidewalk, or to correct violations or prohibited uses or activities.

Vegetation Management: Grantee shall have the right at any time to cut, trim, remove, destroy, or otherwise control any or all trees, bushes, or brush now or hereafter standing or growing within the Easement Area which, in Grantee's opinion, may interfere with the use of the purpose of the easement.

Existing Pylon Sign: Grantee will not disturb, remove, or alter the existing Uhaul sign adjacent to the proposed Permanent Easement.

New Concrete Driveway and Site Access: Grantee will construct new concrete sidewalk continuously along the frontage of Grantor's property, as described herein, including through (across) the existing asphalt driveway access point. Grantee will replace existing cracked asphalt driveway surface between the new sidewalk and Washtenaw Avenue with concrete, in accordance with requirements of the Michigan Department of Transportation. Grantee shall ensure that continuous access to the site is maintained throughout the construction period, by only closing approximately one-half of the access drive at any one time to allow the concrete to properly cure.

Display of Uhaul Trucks Along Frontage: Grantee shall not require the relocation or moving of any Uhaul trucks parked along the frontage of the site in order to construct the public sidewalk.

Restoration: Within a reasonable time after performing any work pursuant to this Easement, Grantee shall clean up the Permanent and Temporary Easement Areas and shall repair pavement and reseed lawn areas it disturbs.

Prohibited Uses: Any activity on or use of the sidewalk or Easement Area inconsistent with the purpose of this Easement is prohibited without limit. Without limiting the generality of this provision, the following activities and uses are expressly prohibited:

Motor Vehicles: The use of any motorized vehicles or devices other than wheelchairs, unless specifically authorized by law;

Drafted By:
Wm. Douglas Winters
McLain & Winters
61 N. Huron St.
Ypsilanti, MI 48197

When recorded return to:

Karen Lovejoy Roe, Clerk
Charter Township of Ypsilanti
7200 S. Huron River Drive
Ypsilanti, MI 48197

Transfer Tax: Exempt MCL 207.505(a) and 207.526(a)

Recording Fee: _____

Parcel IDs: K-11-06-325-010

PROPOSAL FOR ENVIRONMENTAL CONSULTING SERVICES

AKT Peerless Proposal No. PF-24514-1

Introduction

AKT Peerless is pleased to submit its proposal to provide environmental consulting services for the following property:

- 1165 Ecorse Road and 1160 Davis Street
Ypsilanti Township, Michigan

AKT Peerless understands the Client intends to make the subject property available for redevelopment.

Scope of Work

AKT Peerless is pleased to submit its proposal to provide environmental consulting services. AKT Peerless' Phase I ESA will be based on (1) the scope and limitations of the American Society for Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Practice E 1527) which outlines good commercial and customary practice for conducting a Phase I ESA, and (2) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).

Certain users of the proposed Phase I ESA may be able to satisfy one of the environmental due diligence requirements to qualify for the bona fide prospective purchaser, contiguous landowner, or innocent landowner liability protections available under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, the Superfund Amendments and Reauthorization Act (SARA) of 1986, and the Small Business Liability and Brownfield Revitalization Act (Brownfield Amendments) of 2002.

For the purpose of the proposed Phase I ESA, the Client will be the party that retains AKT Peerless to complete this Phase I ESA. AKT Peerless will not make an independent determination whether its Client is a *User* and intends to use this Phase I ESA to qualify for Landowner Liability Protection (LLP) under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980.

In accordance with ASTM Practice E 1527, a *User* is the party seeking to use ASTM Practice E 1527 to complete an environmental site assessment of the subject property. A *User* may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. Furthermore, a *User* seeking to qualify for an LLP under CERCLA has specific obligations for completing a successful application of this practice, including the Client and User Requirements described below. AKT Peerless' scope of work does not include an evaluation or completion of these specific user obligations under the ASTM Practice E 1527, unless otherwise noted in this proposal.

The purpose of AKT Peerless' proposed ESA will be to provide an independent, professional opinion of the *recognized environmental conditions* (RECs)¹, *historical recognized environmental conditions* (HRECs)², and *controlled recognized environmental conditions* (CRECs)³, in connection with the subject property, if any. AKT Peerless' Phase I ESA is designed to identify adverse environmental conditions and the possible need for a more definitive study addressing specific areas of concern, if any. The proposed Phase I ESA will be intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, HRECs, and CRECs in connection with the subject property.

Client Requirements

AKT Peerless requests that the Client provide the following information to facilitate developing a history of the previous uses of the subject property and surrounding area, and to aid the identification of conditions of potential environmental concern in connection with the subject property:

- Environmental records or reports regarding potential or known environmental liabilities associated with the subject property.
- The precise geographic location of the subject property, either by address, legal description, land survey, site map, or assessor's parcel number (APN, a.k.a. parcel identification number, ward/item number, etc.) and its relation to neighboring sites and/or cross streets in close proximity to the subject property.
- Completed and signed "Client Environmental Questionnaire"
- Completed Document Request Form
- Best time to schedule interview
- User Obligations for LLP, if any, in accordance with E 1527 and AAI

In addition, if underground storage tanks (USTs) are known to be present at the subject property, AKT Peerless requests that the client provide (or obtain from the current UST operator) copies of documentation (e.g., permits, registration records, insurance certificates, etc.) regarding the compliance status of on-site USTs relative to currently applicable engineering upgrade requirements for leak detection, corrosion protection, and overspill protection.⁴

User Requirements

In order to qualify for one of the LLPs offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2002 (the "Brownfields Amendments"), a *User* must conduct certain inquiries as described in 40 CFR 312. If the Client intends to use ASTM Practice E 1527 to qualify for a LLP to CERCLA

¹ ASTM Standard Practice E 1527-13 defines the term REC as the presence or likely presence of any hazardous substance or petroleum product in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

² ASTM Standard Practice E 1527-13 defines the term HREC as a past release of any hazardous substance or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls.

³ ASTM Standard Practice E 1527-13 defines the term CREC as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

⁴ If a UST system is present, the client should also be prepared to disclose to AKT Peerless the mechanism by which the current or new tank owner/operator will meet financial assurance obligations.

liability, then AAI requires that certain tasks be performed by - or on behalf of – that party. As appropriate, these inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. While such information is not required to be provided to the Environmental Professional, AKT Peerless requests that the Client provide such information via a Questionnaire, Document Request Form, and Interviews as such information can assist the AKT Peerless in identifying environmental conditions.

Scope of Work

In accordance with ASTM Standard Practice E 1527-13, AKT Peerless' ESA will include the following tasks:

- A reconnaissance of the subject property, as well as observation of the adjoining properties as feasible from the subject property and public right-of-ways, to identify uses or activities that may pose an environmental concern to the subject property, including a review of: (1) general activities occurring at the subject property, (2) existing subject property conditions, and (3) the uses of adjoining properties.
- A review of current environmental database information compiled by a variety of regulatory agencies to evaluate potential environmental risks associated with the subject property, adjoining properties, and other sites that are (1) identified on target lists, and (2) within varying distances of up to one mile from the subject property⁵.
- A review of reasonably ascertainable agency file information associated with known or suspected sites of environmental concern maintained by federal, state and local regulatory agencies, including records of compliance, as appropriate. Files will be reviewed for the subject property. Files for adjoining properties, and nearby sites that may present a concern to the subject property, will be reviewed, but additional fees may apply. If such records are not reviewed, AKT Peerless will provide written justification as to why a review was not completed.
- A review of reasonably ascertainable standard historical sources to develop a history of the previous uses of the subject property and surrounding area back to their obvious first developed uses, or 1940, whichever is earlier; such sources may include aerial photographs, maps (e.g., topographic, fire insurance, plat, etc.), city directories/address indexes, previous environmental assessments, and municipal records, as appropriate.
- A review of reasonably ascertainable records pertaining to regulated waste generation, registered USTs, leaking UST (LUST) incidents, or other environmental events occurring on the subject property or nearby sites that AKT Peerless judges to have a potential to pose an environmental concern to the subject property.
- The consideration of adjoining property use and activity.
- A review of readily available environmental information and reports maintained for the subject property.
- Interviews with persons, including regulatory agency representatives, who are familiar with past and present uses, activities, and/or environmental concerns at the subject property and adjoining properties.
- Discussion regarding compliance with Activity and Use Limitations (AULs), if any.
- An evaluation of information obtained from the aforementioned sources to determine if RECs, CRECs, or HRECs exist in connection with the subject property.

During the assessment, AKT Peerless will evaluate or consider: (1) the potential for contamination of soil, soil vapor, and groundwater at the subject property, (2) the possible presence of underground or

⁵ AKT Peerless will use search radii that meet or exceed ASTM's recommended minimum search distances.

aboveground storage tank systems at the subject property, (3) the possible presence of hazardous substances or petroleum products at the subject property, (4) the proximity of the subject property to known and/or suspected sites of environmental concern, and (5) the historical use of the subject property.

AKT Peerless will prepare a written report documenting the data and information gathered during the Phase I ESA. AKT Peerless' report will summarize the known environmental conditions associated with the subject property, if any. Unless advised otherwise by the Client, AKT Peerless will include recommendations for further investigation of the noted environmental concerns.

The conclusions and recommendations will reflect AKT Peerless' best professional judgment, and will be based upon the conditions observed and information made available at the time of the assessment.

Schedule

AKT Peerless will implement work immediately and will provide its Phase I ESA within three weeks of your authorization to proceed.

Fees

AKT Peerless proposes to provide the services described in this proposal for the total estimated cost described below:

Total Estimated Cost - Phase I ESA	\$2,150
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Additional fees may be charged to adequately and appropriately evaluate potential environmental concerns that may be presented by uses of (or events at) adjoining or nearby properties⁶. AKT Peerless' proposal includes reviewing regulatory agency records for the subject property. However, AKT Peerless may charge an additional fee to review regulatory agency records for any adjoining or nearby sites we judge to be a potential environmental concern to the subject property. Furthermore, the additional costs for municipal fees related to Freedom of Information Act (FOIA) responses may be passed on to the Client, if necessary. AKT Peerless will promptly apprise the client of the relative cause for such additional fees, and will not complete the extra activity unless Client authorizes AKT Peerless to do so.

AKT Peerless' cost estimate for its proposed scope of work includes one (1) hour of consulting time after the project is complete. Follow-up services provided by AKT Peerless, such as additional research, post-publication modifications to the report, project meetings, etc., shall be billed based on AKT Peerless' standard professional service fee schedule for Phase I ESA modifications and/or project support outside of the scope of work.

Unless requested otherwise, AKT Peerless will provide an electronic copy of the final report. Paper copy reports, if requested, will be provided at a rate of \$75 per copy.

⁶ If AKT Peerless deems it necessary to review such records that are maintained by federal, state, or local regulatory agencies, the overall time to complete the project may be delayed due to agency response times. As necessary, AKT Peerless may require a change order to review government files for adjoining and nearby sites.

Limitations

AKT Peerless will make reasonable efforts to determine if USTs or related equipment (collectively referred to as UST systems) are or have been present at the subject property. AKT Peerless defines reasonable efforts as obtaining and evaluating information from visual observations of unobstructed areas and from the historical sources described above in this proposal. AKT Peerless recognizes, and urges users of the proposed assessment to acknowledge, that the accuracy of our conclusions relative to the on-site presence or use UST systems directly corresponds to the presence of obstructions (e.g. snow, densely growing vegetation, standing water, pavement, equipment, structures, storage, debris, etc.) at the time of the reconnaissance, or to our receipt and evaluation of incorrect or incomplete information.

Unless specifically noted in the proposed scope of work, AKT Peerless will not evaluate any potential environmental conditions (i.e., further areas of possible business/environmental concern and/or liability) that are outside the scope of ASTM Practice E 1527. Examples of such non-ASTM potential environmental conditions that are beyond the scope of this Phase I ESA include cultural and historic resources, ecological resources, endangered species, health and safety, high-voltage power lines, indoor air quality, industrial hygiene, lead-based paint, lead in drinking water, moisture intrusion, mold, noise pollution, radon, asbestos, and/or regulatory compliance. If the Client requires any of these services, please contact AKT Peerless to provide a proposal to conduct these services under a separate scope of work.

AKT Peerless' scope of work is limited to investigating the past uses of the subject property, though some historical information is also reviewed for adjoining properties, but does not include investigating past uses of surrounding or nearby properties.

AKT Peerless is not proposing to conduct any sampling or analysis of the subject property's natural resources. If visual observations or information obtained during the Phase I ESA indicate the need for any sampling or analysis of soil, soil gas, and/or groundwater, AKT Peerless will promptly contact you to convey our findings and related opinions, and to discuss a proposed scope of services to address those concerns.

This proposal and the associated cost estimate are valid for **60** days. After 30 days have elapsed, AKT Peerless reserves the right to alter the scope of work and estimated cost. Any unexpected or extraordinary concerns that become apparent during the assessment may require a revision in the scope of work and cost and could delay the project. AKT Peerless will notify you of any concerns or necessary changes in the proposed scope of work. Changes in the scope of work and the estimated price would be dependent on potential changes in the amount of available site information, regulatory requirements, seasons, economic conditions, etc. If necessary, AKT Peerless will provide an altered scope of work and the associated price estimate for approval prior to initiating project activities.

This proposal, including: descriptive material, pricing, discussion of proposed methods to be used or implemented by AKT Peerless, and related information set forth herein are confidential; these items constitute trade secrets of and are proprietary to AKT Peerless. AKT Peerless is submitting this information for informational purposes only, based on the express understanding that it will be held in strict confidence; will not be disclosed, duplicated, or used, in whole or in part, for any purpose other than the evaluation of this information; and will not, in any event, be disclosed to third parties, without prior written consent of AKT Peerless.

Terms and Conditions

By signing this proposal, the Client agrees to the terms and conditions presented as Appendix A. Unless otherwise noted, AKT Peerless will prepare and render invoices for work performed to date on a monthly basis.

PROPOSAL ACCEPTANCE FOR

Phase I Environmental Site Assessment

1165 Ecorse Road and 1160 Davis Street, Ypsilanti Township, Michigan



This proposal submitted by:

Robert W. Lambdin
Director of Operations

Proposal submitted on:

May 20, 2019

Please authorize the proposal by executing below:

Proposal amount: **\$2,150**

Client contact:

Sara Jo Shipley

Charter Township of Ypsilanti

7200 South Huron River Drive

Ypsilanti, Michigan 48197

AKT Peerless Proposal No.

PF-24514-1

Acceptance:

Charter Township of Ypsilanti

Print Name:

Title

Date

TO EXPEDITE COMPLETION OF THIS PROJECT, PROVIDE THE FOLLOWING:

PROPERTY OWNER NAME:

PROPERTY OWNER CONTACT INFORMATION:

KEY SITE CONTACT NAME:

KEY SITE CONTACT INFORMATION:

LENDER NAME:

LENDER CONTACT INFORMATION:

Appendix A

Terms and Conditions

AKT PEERLESS TERMS AND CONDITIONS

The following Terms and Conditions govern the services (referred to herein as “work” or “services”) to be performed by AKT Peerless (“we”, “us”, “our”, “AKT Peerless” or “Consultant”) for you (“you”, “your” or “Client”). By accepting the proposal or authorizing all, or any portion, of the work to be performed by Consultant, Client shall be deemed to accept these terms and conditions, as if set forth in full, in the proposal to which these terms and conditions apply (when accepted, the proposal and these Terms and Conditions constitute the “Agreement” (hereinafter, this “Agreement”).

1. **Performance:** Consultant will provide advice, consultation and other environmental services to Client in a manner consistent with the level of care and skill ordinarily exercised by members of Consultant’s profession currently practicing under similar conditions and in the same locality. Consultant shall use commercially reasonable best efforts to comply with all federal, state, and local statutes, codes, laws and administrative regulations relating specifically to the services to be performed by Consultant, including, but not limited those related to environmental, fire, safety and health matters. Finally, it is Consultant’s obligation to have marked by appropriate utility companies the location of all underground utilities or improvements.

AKT Peerless prides itself in rapid responses to client inquiries. Therefore, we make extensive use of e-mail and facsimile machines to communicate with our clients. We will communicate with you via the e-mail address and/or facsimile number on file for you. In the case of facsimiles, please let us know if you would like us to call first before faxing. At present, AKT Peerless does not use any encryption programs for our outgoing e-mail. All written, telephone, facsimile or email communication between the Client and AKT Peerless shall not be considered unwanted commercial speech (e.g. “spam”) unless written notification is provided.

2. **Client Cooperation:** Client shall use commercially reasonable best efforts to cooperate fully with Consultant in meeting Consultant’s responsibilities herein. Such cooperation shall include but shall not be limited to providing: 1) access to the real estate, buildings or other property, 2) such surveys and other records concerning the subject matter of the project, and 3) all communications with regulatory agencies and other parties that may have an interest related to the project as may be in Client’s possession or under its control. Client shall provide Consultant with a written description of all information required to enable Consultant to perform its services, including documents, data and other information concerning the presence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substances or conditions that Client knows or has reason to believe may be located at, on or under the property. Consultant shall not be liable for any incorrect advice, judgment, recommendation, finding, decision or conduct based upon any inaccurate or incomplete information supplied, or withheld, by Client, or errors or incorrect statements of governmental agencies or third parties relied on by Consultant. Client agrees to provide an on-site contact to identify utilities and improvements. Client acknowledges that, in the event any subsurface investigation is required, it is inevitable that some damage or destruction to the current property conditions shall occur. Repair of concrete and/or surface structures is not included as part of this proposal and Consultant shall have no liability to repair same, except as may be specifically set forth in the proposal.

3. **Payment:** The Client agrees to pay Consultant for all services and expenses, according to this agreement, through the termination or completion date, plus all interest, and expenses or costs incurred for early termination as set forth below and all costs of collections, including reasonable attorney fees. Any work requested hereunder, either in the proposal or subsequent change orders will be performed at the prices agreed to in the proposal and/or according to the provisions of the Consultant’s standard rate schedule. If requested, prior to performing any services AKT Peerless may require a retainer (“Retainer”). AKT Peerless shall hold the Retainer and apply it to the final invoice from AKT Peerless to the Client (with any excess left over, immediately returned to the Client). Consultant reserves the right to amend the rate schedule in advance of any future work. Client understands that outside services contracted and paid for by Consultant which are included in the proposal will be billed to the

Client at cost plus fifteen percent (15%). All invoices submitted to Client shall be payable within thirty (30) days of issuance by Consultant. Any payment not received within that period will bear interest at the rate of one and one half percent (1.5%) per month thereafter. Client agrees that it shall pay Consultant at Consultant's then prevailing rate for all time spent on behalf of Client in preparation for any court, administrative, or other legal proceedings arising out of the services provided under this Agreement, whether or not Consultant is subpoenaed to appear at such proceeding by Client or any third party. In the event that payment is not received by Consultant on any invoice within thirty (30) days of the issuance of the invoice, Consultant may then, by written termination notice to Client, terminate this Agreement (and any other existing contracts between Client and Consultant) and apply any existing Retainer to outstanding invoices without incurring any liability to Client; such termination by Consultant shall be effective immediately upon Consultant's issuance of the termination notice. Any objection to any invoice must be made by the Client, in writing, within ten (10) business days after the invoice is issued by Consultant, or the objection shall be deemed waived.

4. **Termination:** In addition to any other rights of Consultant to terminate this Agreement, Consultant may terminate this agreement if, in its sole discretion, it believes that any request from Client may violate applicable professional standards, law, or regulations and the parties are unable to reach a satisfactory resolution of the issue. Additionally, this agreement may be terminated by either party upon thirty (30) days written notice, unless such termination shall irreparably harm either party. In the event that Client terminates this agreement prior to the completion of Consultant's work, Client agrees to pay Consultant for the work that has been performed through the date of termination and for efforts that are expended by Consultant to wrap up its work in a professional, businesslike manner (including, without limitation, costs and fees for demobilizing from a site, for proper handling and disposal of samples, for organization of files and reports and the like) and in addition, Client shall pay Consultant an additional amount equaling ten percent (10%) of the agreed initial estimated price, as a reimbursement for loss of opportunity. In no event shall any payment pursuant to this section 4 exceed the original agreement amount by ten percent (10%).

5. **Indemnification:** Client shall defend, indemnify, and hold harmless Consultant, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all liability, claims, demands, lawsuits, losses, damages, penalties, expenses and costs, including reasonable attorney fees ("**Damages**"), whether direct, indirect or consequential: that arise as a result of Client's negligence, gross negligence, or willful misconduct. All claims brought against Consultant, relating to the services provided by Consultant or otherwise, whether based upon contract, tort, statute or otherwise, must be brought within one (1) year from completion of the contracted services or they shall be forever barred. The Client acknowledges that Consultant has neither created nor contributed to the creation or existence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substance or condition at the real estate as to which Client has requested Consultant's services.

Consultant agrees to defend, indemnify, and hold harmless Client, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all Damages, whether direct, indirect, or consequential arising out of, or in any way connected with Consultant's negligence, gross negligence or willful misconduct in the performance of services under this Agreement.

In addition to the other limitations contained in this section 5 and elsewhere in these Terms and Conditions, a party's obligation to the other hereunder shall be limited to the party's relative fault among all persons or entities that may have contributed to or caused the Damages at issue, as determined by a court of competent jurisdiction or as the allocation of fault may otherwise be agreed by the parties.

The Client understands that its incentive services involve incentive programs, not entitlement programs, and, as such, approval of any incentive benefit is not guaranteed. Strict compliance with the applicable incentive legislation is needed in order to even qualify for consideration by the applicable government agency. This compliance is the responsibility of the Client. Tax increment finance tables involve projected revenue that is highly dependent on post-development taxable values determined through the normal assessment process. The Client

agrees to indemnify and hold harmless AKT Peerless from all claims, losses, expenses, fees including reasonable attorney fees, costs, and judgments that may be asserted against the Client arising out of this Agreement, or the Client's application and/or qualification for incentive programs (provided, however, this indemnity shall not apply to claims arising out of the gross negligence of AKT Peerless or its employees or agents). The Client is strongly encouraged to seek legal advice, at the Client's own expense, on all legal matters or questions that may arise regarding these incentives and to have any documents prepared by AKT Peerless for submission to any federal, state or municipal government or agency reviewed by competent legal counsel before submission. The Client is strongly encouraged to seek accounting services, at the Client's own expense, on all tax matters or questions that may arise regarding these incentives and to consult with the Client's accountant prior to submission of any tax forms. In no event shall the liability of AKT Peerless under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Further, in the event AKT Peerless is successful in obtaining governmental incentives for Client, they require strict compliance after approval of same to obtain their benefits. Certain failures to comply on an ongoing basis can terminate or limit the availability of the full benefits received, require repayment or have negative tax consequences. AKT Peerless assumes no liability for post award actions of Client.

6. **Insurance and Limitations of Liability:** Consultant and its subcontractors shall procure and maintain at its own expense, during the term of this Agreement, the following insurance, with limits of liability at least as set forth below, and upon such terms and conditions as are customary in the industry:

- (a) Comprehensive general liability insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined per aggregate;
- (b) Professional liability (errors and omissions) insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined aggregate limit;
- (c) Pollution liability insurance in the amount of \$1,000,000 per occurrence and \$2,000,000 aggregate;
- (d) Automobile liability insurance in the amount of \$1,000,000 combined single limit for bodily injury for property damage; and
- (e) Workers' Compensation insurance complying with the laws of the state(s) in which Consultant's services are performed hereunder.

Notwithstanding anything contained herein to the contrary, Consultant's liability to Client for any claimed Damages arising out of or in any way related to this Agreement or the services provided by Consultant shall be limited to the amounts available under the above insurance policies. However, in no event shall the liability of AKT Peerless for any redevelopment incentive or tax credit service under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Consultant will not be responsible for any claims arising out of the negligence, gross negligence, or willful misconduct by Client or by any person or entity not under the direct control of Consultant. In no event shall Consultant have any liability for any claims (whether based upon contract or tort) for any loss of business opportunity, profits or any special, incidental, consequential or punitive damages. In the event Client perceives that it has suffered any Damages as a result of the services provided by Consultant or in any way arising out of or related to this Agreement, Client agrees to provide Consultant with reasonable notice of and an opportunity to cure the claimed Damages, prior to or within ten (10) days of discovery of same. Failure to so provide said notice and opportunity to cure shall act as an absolute bar to any recovery for any Damages. Unless an emergency otherwise dictates, Consultant shall have no more than thirty (30) days after receiving notice as provided herein to cure any defect for which Client provides notice hereunder, unless such cure requires additional time to implement or complete, in which case Consultant shall be provided a commercially reasonable amount of time to complete the cure. Failure by Consultant to cure any defect as provided herein shall in no event bar or preclude any defense to which Consultant may otherwise be entitled. Finally, Consultant shall have no liability or obligation to Client for Damages greater than the minimum requirements as set forth under the applicable state law and the most cost effective and reasonable remedy provided thereunder in consideration of all relevant facts.

Consultant shall not be liable to Client for failure to comply with the terms of Section 1 unless such non-compliance is due to the negligence, gross negligence, or intentional misconduct of Consultant. Client acknowledges that Consultant has made no representations, express or implied, and no warranty or guarantee is included or intended in any report, opinion, or document regarding the results to be achieved upon completion of the services except as set forth herein. In the case of incentives work, Client understands that the decision to grant any incentives is wholly that of the applicable governmental agencies.

7. **Confidentiality:** Consultant shall retain as confidential all information, samples and data furnished to it by Client or collected by it during the course of the work performed under the Agreement or any amendment thereto. Such information shall not be disclosed to any third party except as directed by Client or as required by law, regulation or court order. Prior to making any disclosure required by law, regulation or court order, Consultant shall notify client of the obligation to make such disclosure and provide Client with a reasonable opportunity to lawfully challenge the need to make such disclosure. Any such challenge shall be performed at Client's sole cost and expense, including but not limited to any payments to Consultant for its time spent assisting in such challenge. Consultant shall retain all reports generated for a period of three (3) years after completion of any project. Client authorizes Consultant to destroy any file or retain portions thereof, in the discretion of Consultant after said time. Any samples obtained by a Consultant under this Agreement will be discarded within thirty (30) days after laboratory analyses unless another time period is mutually agreed to in writing.

8. **Final Product:** Client acknowledges that any environmental report is merely a "snapshot" of the subject property at the time the investigation was performed and any material change in the use or condition of the property shall directly terminate any further obligation of Consultant for the accuracy of the report. In no event shall this report be relied on for more than one-hundred eighty (180) days after the date of issuance. If at any time after the issuance of the final report, Client becomes aware of any information previously unknown that would materially alter the findings or conclusions contained therein, Client agrees to immediately provide Consultant with same and allow Consultant to revise the report accordingly, except that Consultant shall not be required to make such revisions if such information was withheld by Client in violation of this Agreement. Client further understands that the failure to discover hazardous, radioactive, toxic, irritant, pollutant, petroleum or otherwise dangerous substances, products, or conditions does not guarantee that these materials do not exist at the property, and that hazardous materials may later be found on such a site. Client agrees that Consultant is not responsible for any failure to detect or clean up the presence of hazardous materials unless: (1) the failure to detect same is caused by Consultant's negligence, gross negligence or willful misconduct; and (2) Client suffers Damages as a result. Client agrees that any Damages related to said failure shall be further limited by the provisions of this Agreement.

All tax increment finance projections and other incentive related documents shall be supplied in paper or printable document file (PDF) format. The source documents are considered work product and will only be released at the sole discretion of AKT Peerless. If source documents are released, it is under a one (1) month license only to the Client who shall not modify, alter, copy or distribute the source documents without the expressed written permission of AKT Peerless and shall destroy or return the source documents and all copies to AKT Peerless upon expiration of the license.

AKT Peerless ordinarily retains client files for a reasonable period of time after the conclusion of a matter. If requested, AKT Peerless will provide these files to you (excluding our notes and other work products) at the conclusion of the matter upon your request. If you do not request the files, after a reasonable period of time, unless you advise us in writing to the contrary, we shall be free to dispose of them. If you request that we turn our files over to you or to another firm and you have not fully satisfied all of your obligations to us under this agreement, including the payment of all fees and costs, we shall be entitled to hold the files as security for performance of those obligations.

9. **Lien:** In order to secure repayment of the amounts required hereunder, Consultant hereby notifies client that it intends to utilize any rights it may have under Michigan's Construction Lien Act (MCLA 570.1101 *et seq*) or

such similar provision which may be in force in the jurisdiction where the work under the Agreement is performed. Client further agrees to execute and deliver to Consultant any and all documents necessary and/or grants Consultant power of attorney to execute and record on their behalf all documents in order to comply with the requirements of the Act.

10. **Changes:** The parties acknowledge that neither this Agreement nor any proposal may be modified except upon written agreement by both parties. If changes occur in the project, or events are discovered during Consultant's work, these events may require alterations to the scope of work. If such changes are required by changes in the statutes, regulations, governmental authorities or the interpretations thereof, this agreement and proposal shall therefore be amended to incorporate those changes and the compensation to Consultant shall be adjusted accordingly. If the Client alters the scope of work proposed by Consultant, Consultant shall have no liability whatsoever for any Damages based upon the final product, if in the performance of the Consultant's original proposal; the claimed defect could have been discovered. Client further acknowledges that the costs in the proposal are merely estimates. These estimates are made by Consultant on the basis of its experience, qualifications, and professional judgment, but are estimates and not guaranteed.

11. **Delays:** Consultant shall use commercially reasonable best efforts in performing the services under this agreement. However, Consultant shall not be responsible for any delay or failure to perform its services if there is any failure to provide or delay in providing Consultant with necessary access to the properties, documentation, information, materials or contractors retained by Client or its representatives, or due to any act of God, labor trouble, fire, inclement weather, act of governmental authority or the failure to gain cooperation of any necessary third party or any other act beyond the control of Consultant. In the event said events do occur, then the time for Consultant's for completion of this Agreement shall be extended by a commercially reasonable period under the circumstances. If any delay is caused by either the acts or omissions of Client or by any third party (including Governmental agencies) Consultant shall be entitled to additional compensation, based upon standard rates, for the additional efforts required in obtaining said approvals, documentation or access.

12. **Reliance and Reliance Letters:** The services performed and issuance of any report which is to be generated is for the sole benefit of Client and no other individual or entity may therefore rely on same without the express written permission of Consultant. Consultant acknowledges that, from time to time, Client may require that Consultant issue to Client's financial institution or other third party a Reliance Letter. Consultant agrees, at no additional cost, to provide same, so long as it is subject to these Terms and Conditions and that said request is made within one hundred eighty (180) days of the final report. Client agrees that it shall provide a copy of these Terms and Conditions to its financial institution or other third party and that the financial institution shall accept same and shall acknowledge that any such reliance shall be effective only as to the condition of the property on the date the final report was written. Consultant shall not be required to provide reliance on any report older than 180 days. In the event that Consultant does agree to provide a Reliance Letter, the party seeking reliance must agree in writing to be bound by these Terms and Conditions. Any reliance shall only be as of the date the report was published. For reliance requests based upon these reports, Consultant's liability for any and all Damages in any way related to the services provided by Consultant, either directly or indirectly, whether by agreement or otherwise, shall be limited to the cost of the services provided by Consultant hereunder. In accepting this limitation, Client and any other relying party shall acknowledge that ASTM E-1527, Section 4.6, states that any Phase I Environmental Site Assessment older than one hundred eighty (180) days is no longer valid and therefore acknowledges that this reduced limitation of liability is reasonable.



PROPOSAL FOR A SUBSURFACE INVESTIGATION

SUBJECT PROPERTY

1165 Ecorse Road & 1160 Davis Road
Ypsilanti Township, Michigan

PREPARED FOR Ms. Brenda Stumbo
Charter Township of Ypsilanti
7200 South Huron River Drive
Ypsilanti, Michigan 48197

PROPOSAL # PF-24708

PROJECT # 5075

DATE June 26, 2019

PROPOSAL FOR A SUBSURFACE INVESTIGATION

1165 Ecorse Road & 1160 Davis Road, Ypsilanti Township, Michigan

AKT Peerless Proposal No. PF-24708

AKT Peerless Project No. 5075

Introduction

AKT Peerless appreciates the opportunity to present its proposal to conduct environmental services at 1165 Ecorse Road and 1160 Davis Road in Ypsilanti Township, Michigan. The Client has requested an evaluation of the potential for the presence of Per- and Polyfluoroalkyl (PFAS/PFOA) compounds at the subject property based on the historical usage of fire suppression foam at the property.

Fire fighting foam is divided into two classes; Class A Foam (utilized to extinguish fires involving wood, paper and brush); and Class B Foam (utilized to extinguish fires involving gasoline, oil and jet fuel). Class B Foam is also referred to as Aqueous Film Forming Foam (AFFF). PFAS is the active ingredient in AFFF and, therefore, any site that may have utilized Class B Foam may have associated subsurface impact(s). As such, AKT Peerless will complete a subsurface investigation to evaluate the potential for PFAS to have impacted the subject property.

Scope of Work

AKT Peerless has established the following scope of work to evaluate the potential for PFAS/PFOA impact on the subject property.

- Advance six soil borings all to be converted into temporary monitoring wells evaluate for the presence of (PFAS/PFOA) compounds. The locations selected for PFAS/PFOA evaluation were selected based on the historical location of the on-site building and potential training location(s) on the eastern grassed portion of the subject property. In addition, previous investigations at the site have indicated groundwater flow to be to the northeast which influenced proposed boring location placement. As presented in methodologies, AKT Peerless will complete the proposed sampling in accordance with all regulatory and industry standards to ensure data quality and accuracy.
- Prepare a Subsurface Investigation Summary Report.

Boring Placement and Laboratory Analysis

Sample locations were selected to evaluate the most likely impacted areas based on the aforementioned considerations. Two soil and one groundwater sample will be collected from each location (assuming groundwater is encountered at or near the previously identified 10-18 feet below grade). One soil sample will be collected from near surface soils while the second soil sample will be collected from the “smear zone” above the water table.

Soil and groundwater samples collected for chemical analysis will be submitted under chain-of-custody to a fixed-base, independent laboratory. The laboratory will conduct laboratory analyses using EGLE and/or U.S. Environmental Protection Agency (EPA) approved analytical methods. Note that current laboratory turnaround time for PFAS/PFOA analysis is 2-3 weeks.

Methodologies and Quality Control

AKT Peerless will advance six 20 foot-foot-deep soil borings. AKT Peerless will either: (1) use a hand auger, (2) use a hydraulic push probe, (3) retain a drilling contractor to use a Geoprobe®, or (4) retain a drilling contractor to use hollow-stem augers.

It is anticipated that borings will be advanced with a hydraulic push probe or Geoprobe®. When possible, a macro core soil sampler will be used to collect continuous soil samples. If time is limited or subsurface soils restrict the penetration of the macro core sampler, a 2-foot-long discrete sampler will be used in place of the macro sampler.

If hollow stem augers are used the driller will follow the ASTM publication D1586-11: *Standard Test Method for Standard Penetration Test Split-Barrel Sampling of Soils*. While drilling with hollow-stem augers, soil samples will be collected in 2-foot-intervals using a 2-foot-long, 2-inch-diameter, split-spoon sampler.

AKT Peerless will request the local utility companies to mark on the ground surface the locations of buried utilities (e.g., electrical lines, telephone lines, sewers, water mains, and natural gas pipes). Before starting drilling operations, Ypsilanti Township will provide AKT Peerless with all available documents, drawings, and maps that indicate buried utility lines and underground storage tanks (USTs) at the site, if necessary.

Soil samples collected in the field will be visually examined in accordance with the Unified Soil Classification System, ASTM D2488-09a: *Standard Practice for Description and Identification of Soils (Visual-manual) Procedure*. As appropriate, soil samples collected in the field will be screened for volatile organic compounds (VOCs) using a portable organic vapor meter/photoionization detector (OVM/PID). To ensure accurate VOC screening, the quantity of the soil, temperature, and headspace volume will be kept as constant as possible. The OVM/PID will be calibrated prior to mobilization to the site.

Strict decontamination procedures will be followed during the completion of investigation activities by AKT Peerless personnel to reduce the potential for cross-contamination. All drilling and down-hole sampling equipment will be decontaminated prior to first use onsite, and thereafter between uses, using a high-temperature, high-pressure spray washer, and/or a vigorous wash in an Alconox solution, followed by a tap water rinse, and a distilled water rinse.

If groundwater is encountered, AKT Peerless will install temporary groundwater monitoring wells at each soil boring locations drilled at the subject site. The monitoring wells will be installed to a maximum depth of 20 feet bsg. Each temporary monitoring well will consist of a riser and screened section of PVC piping. The monitoring wells will be screened to bisect the static groundwater table, above a confining clay layer or at the maximum available depth due to drilling methods.

AKT Peerless proposed sampling will be conducted in conformance with the Michigan Department of Environment, Great Lakes, and Energy (EGLE) Draft PFAS Sampling Guidance, dated April 2018. All field methodologies, sampling procedures and analytical methods will be conducted in accordance with current industry standards and methodologies to ensure the data quality and minimize the potential for cross- contamination.

AKT Peerless will collect one groundwater sample from each monitoring well after: (1) evacuating at least three times the initial volume of groundwater in the well casing; (2) purging the well until

measured parameters (temperature, turbidity, oxidation reduction potential, pH, and conductivity) have stabilized; or (3) purging the well dry and allowing sufficient time for recharge.

All soil and groundwater samples will be transported to a laboratory under chain-of-custody documentation in an ice-cooled container.

Subsurface Investigation Summary Report

After completing the investigation, AKT Peerless will prepare a report that will include a summary of field activities, analytical results, discussion of procedures/methodologies, site map with sampling locations, discussion of results and recommendations, if appropriate.

Unless requested otherwise, AKT Peerless will provide one electronic version of the final report. Additional reports, if any, will be provided at a rate of \$75 per copy.

Schedule

AKT Peerless will implement work immediately and will provide the Subsurface Investigation Summary Report within 3-4 weeks following the completion of the field work. Field work will be scheduled immediately and typically takes 1 week to 10 days to complete upon authorization of the proposal. Note that current laboratory turnaround time for PFAS/PFOA analysis is 2-3 weeks.

Fees

AKT Peerless estimates the fees and expenses for this project will be \$15,690. All subcontracted services and outside project costs will be billed at a cost plus 15 percent. The estimated costs to provide the services described in this proposal are shown in the tables below.

Subsurface Investigation Estimated Costs

ACTIVITY	COST
PROFESSIONAL SERVICES	
Project Management	\$1,280
Field Activities	\$2,340
Report Preparation	\$2,500
PROJECT COSTS	
Laboratory Analyses	\$7,470*
Drilling	\$1,250
Field Supplies and Expenses	\$850
TOTAL	\$15,690**

* Note that current turnaround time for PFAS/PFOA analysis is 2-3 weeks. Should data be required sooner, a rushed analysis charge would be applied. As of the date of this proposal, a 5 day turnaround time would have a 100% surcharge. Should the Client wish to rush the analysis, please advise AKT Peerless upon authorization of this proposal.

** Should site conditions prevent completion of the scope of work, or should any other hinderances occur, AKT Peerless will contact the client immediately to determine an alternative scope of work. Additionally, should additional field or laboratory work be deemed necessary to adequately evaluate the PFAS potential, AKT Peerless will contact the Client immediately and prior to changing of the scope of work presented in this proposal.

Limitations

If the Client chooses to alter the proposed scope of work, the Client shall advise AKT Peerless, and AKT Peerless shall propose alterations to the scope of work and related fees. The Client will authorize AKT Peerless in writing to conduct more or less work than defined in this proposal.

AKT Peerless will provide these services using its commercially reasonable best efforts consistent with the level and skill ordinarily exercised by members of the profession currently practicing under similar conditions.

Drilling costs presented in this proposal assume that there will be no significant obstructions and delays (e.g., encountering cement rubble or boulders, sandy soil heaving into the augers, and inclement weather). If delays occur, AKT Peerless will notify the Client immediately, and AKT Peerless will revise the scope of work and fees appropriately.

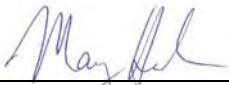
This proposal and the associated cost estimate are valid for 30 days. After 30 days have elapsed, AKT Peerless reserves the right to alter the scope of work and estimated cost. Changes in the scope of work and the estimated price would be dependent on potential changes in the amount of available site information, regulatory requirements, seasons, economic conditions, etc. If necessary, AKT Peerless will provide an altered scope of work and the associated price estimate for approval prior to initiating project activities.

This proposal, including: descriptive material, pricing, discussion of proposed methods to be used or implemented by AKT Peerless, and related information set forth herein are confidential; these items constitute trade secrets of and are proprietary to AKT Peerless. AKT Peerless is submitting this information for informational purposes only, based on the express understanding that it will be held in strict confidence; will not be disclosed, duplicated, or used, in whole or in part, for any purpose other than the evaluation of this information; and will not, in any event, be disclosed to third parties, without prior written consent of AKT Peerless.

Terms and Conditions

By signing this proposal, the Client agrees to the terms and conditions presented in Appendix A. AKT Peerless will prepare and render invoices for work performed to date on a monthly basis. All invoices shall be payable within thirty (30) days of invoice date.

PROPOSAL ACCEPTANCE FOR SUBSURFACE INVESTIGATION
1165 Ecorse Road and 1160 Davis Road, Ypsilanti Twp, MI

This proposal submitted by: 

Mary C. Hoeh, CHMM
Group Leader

Proposal submitted on: June 26, 2019

Please authorize the proposal by executing below:

Proposal amount: **\$15,690**

Client contact:
Ms. Brenda Stumbo
Charter Township of Ypsilanti
7200 South Huron River Drive
Ypsilanti, Michigan 48197

AKT Peerless Proposal No. PF-24708
AKT Peerless Project No. 5075

Appendix A: Terms and Conditions

Acceptance: _____

Print Name: _____

Title _____

Date _____

Appendix A
Terms and Conditions

AKT PEERLESS TERMS AND CONDITIONS

The following Terms and Conditions govern the services (referred to herein as “work” or “services”) to be performed by AKT Peerless (“we”, “us”, “our”, “AKT Peerless” or “Consultant”) for you (“you”, “your” or “Client”). By accepting the proposal or authorizing all, or any portion, of the work to be performed by Consultant, Client shall be deemed to accept these terms and conditions, as if set forth in full, in the proposal to which these terms and conditions apply (when accepted, the proposal and these Terms and Conditions constitute the “Agreement” (hereinafter, this “Agreement”).

1. **Performance:** Consultant will provide advice, consultation and other environmental services to Client in a manner consistent with the level of care and skill ordinarily exercised by members of Consultant’s profession currently practicing under similar conditions and in the same locality. Consultant shall use commercially reasonable best efforts to comply with all federal, state, and local statutes, codes, laws and administrative regulations relating specifically to the services to be performed by Consultant, including, but not limited those related to environmental, fire, safety and health matters. Finally, it is Consultant’s obligation to have marked by appropriate utility companies the location of all underground utilities or improvements.

AKT Peerless prides itself in rapid responses to client inquiries. Therefore, we make extensive use of e-mail and facsimile machines to communicate with our clients. We will communicate with you via the e-mail address and/or facsimile number on file for you. In the case of facsimiles, please let us know if you would like us to call first before faxing. At present, AKT Peerless does not use any encryption programs for our outgoing e-mail. All written, telephone, facsimile or email communication between the Client and AKT Peerless shall not be considered unwanted commercial speech (e.g. “spam”) unless written notification is provided.

2. **Client Cooperation:** Client shall use commercially reasonable best efforts to cooperate fully with Consultant in meeting Consultant’s responsibilities herein. Such cooperation shall include but shall not be limited to providing: 1) access to the real estate, buildings or other property, 2) such surveys and other records concerning the subject matter of the project, and 3) all communications with regulatory agencies and other parties that may have an interest related to the project as may be in Client’s possession or under its control. Client shall provide Consultant with a written description of all information required to enable Consultant to perform its services, including documents, data and other information concerning the presence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substances or conditions that Client knows or has reason to believe may be located at, on or under the property. Consultant shall not be liable for any incorrect advice, judgment, recommendation, finding, decision or conduct based upon any inaccurate or incomplete information supplied, or withheld, by Client, or errors or incorrect statements of governmental agencies or third parties relied on by Consultant. Client agrees to provide an on-site contact to identify utilities and improvements. Client acknowledges that, in the event any subsurface investigation is required, it is inevitable that some damage or destruction to the current property conditions shall occur. Repair of concrete and/or surface structures is not included as part of this proposal and Consultant shall have no liability to repair same, except as may be specifically set forth in the proposal.

3. **Payment:** The Client agrees to pay Consultant for all services and expenses, according to this agreement, through the termination or completion date, plus all interest, and expenses or costs incurred for early termination as set forth below and all costs of collections, including reasonable attorney fees. Any work requested hereunder, either in the proposal or subsequent change orders will be performed at the prices agreed to in the proposal and/or according to the provisions of the Consultant’s standard rate schedule. If requested, prior to performing any services AKT Peerless may require a retainer (“Retainer”). AKT Peerless shall hold the Retainer and apply it to the final invoice from AKT Peerless to the Client (with any excess left over, immediately returned to the Client). Consultant reserves the right to amend the rate schedule in advance of any future work. Client understands that outside services contracted and paid for by Consultant which are included in the proposal will be billed to the

Client at cost plus fifteen percent (15%). All invoices submitted to Client shall be payable within thirty (30) days of issuance by Consultant. Any payment not received within that period will bear interest at the rate of one and one half percent (1.5%) per month thereafter. Client agrees that it shall pay Consultant at Consultant's then prevailing rate for all time spent on behalf of Client in preparation for any court, administrative, or other legal proceedings arising out of the services provided under this Agreement, whether or not Consultant is subpoenaed to appear at such proceeding by Client or any third party. In the event that payment is not received by Consultant on any invoice within thirty (30) days of the issuance of the invoice, Consultant may then, by written termination notice to Client, terminate this Agreement (and any other existing contracts between Client and Consultant) and apply any existing Retainer to outstanding invoices without incurring any liability to Client; such termination by Consultant shall be effective immediately upon Consultant's issuance of the termination notice. Any objection to any invoice must be made by the Client, in writing, within ten (10) business days after the invoice is issued by Consultant, or the objection shall be deemed waived.

4. **Termination:** In addition to any other rights of Consultant to terminate this Agreement, Consultant may terminate this agreement if, in its sole discretion, it believes that any request from Client may violate applicable professional standards, law, or regulations and the parties are unable to reach a satisfactory resolution of the issue. Additionally, this agreement may be terminated by either party upon thirty (30) days written notice, unless such termination shall irreparably harm either party. In the event that Client terminates this agreement prior to the completion of Consultant's work, Client agrees to pay Consultant for the work that has been performed through the date of termination and for efforts that are expended by Consultant to wrap up its work in a professional, businesslike manner (including, without limitation, costs and fees for demobilizing from a site, for proper handling and disposal of samples, for organization of files and reports and the like) and in addition, Client shall pay Consultant an additional amount equaling ten percent (10%) of the agreed initial estimated price, as a reimbursement for loss of opportunity. In no event shall any payment pursuant to this section 4 exceed the original agreement amount by ten percent (10%).

5. **Indemnification:** Client shall defend, indemnify, and hold harmless Consultant, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all liability, claims, demands, lawsuits, losses, damages, penalties, expenses and costs, including reasonable attorney fees ("**Damages**"), whether direct, indirect or consequential: that arise as a result of Client's negligence, gross negligence, or willful misconduct. All claims brought against Consultant, relating to the services provided by Consultant or otherwise, whether based upon contract, tort, statute or otherwise, must be brought within one (1) year from completion of the contracted services or they shall be forever barred. The Client acknowledges that Consultant has neither created nor contributed to the creation or existence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substance or condition at the real estate as to which Client has requested Consultant's services.

Consultant agrees to defend, indemnify, and hold harmless Client, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all Damages, whether direct, indirect, or consequential arising out of, or in any way connected with Consultant's negligence, gross negligence or willful misconduct in the performance of services under this Agreement.

In addition to the other limitations contained in this section 5 and elsewhere in these Terms and Conditions, a party's obligation to the other hereunder shall be limited to the party's relative fault among all persons or entities that may have contributed to or caused the Damages at issue, as determined by a court of competent jurisdiction or as the allocation of fault may otherwise be agreed by the parties.

The Client understands that its incentive services involve incentive programs, not entitlement programs, and, as such, approval of any incentive benefit is not guaranteed. Strict compliance with the applicable incentive legislation is needed in order to even qualify for consideration by the applicable government agency. This compliance is the responsibility of the Client. Tax increment finance tables involve projected revenue that is highly dependent on post-development taxable values determined through the normal assessment process. The Client

agrees to indemnify and hold harmless AKT Peerless from all claims, losses, expenses, fees including reasonable attorney fees, costs, and judgments that may be asserted against the Client arising out of this Agreement, or the Client's application and/or qualification for incentive programs (provided, however, this indemnity shall not apply to claims arising out of the gross negligence of AKT Peerless or its employees or agents). The Client is strongly encouraged to seek legal advice, at the Client's own expense, on all legal matters or questions that may arise regarding these incentives and to have any documents prepared by AKT Peerless for submission to any federal, state or municipal government or agency reviewed by competent legal counsel before submission. The Client is strongly encouraged to seek accounting services, at the Client's own expense, on all tax matters or questions that may arise regarding these incentives and to consult with the Client's accountant prior to submission of any tax forms. In no event shall the liability of AKT Peerless under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Further, in the event AKT Peerless is successful in obtaining governmental incentives for Client, they require strict compliance after approval of same to obtain their benefits. Certain failures to comply on an ongoing basis can terminate or limit the availability of the full benefits received, require repayment or have negative tax consequences. AKT Peerless assumes no liability for post award actions of Client.

6. **Insurance and Limitations of Liability:** Consultant and its subcontractors shall procure and maintain at its own expense, during the term of this Agreement, the following insurance, with limits of liability at least as set forth below, and upon such terms and conditions as are customary in the industry:

- (a) Comprehensive general liability insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined per aggregate;
- (b) Professional liability (errors and omissions) insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined aggregate limit;
- (c) Pollution liability insurance in the amount of \$1,000,000 per occurrence and \$2,000,000 aggregate;
- (d) Automobile liability insurance in the amount of \$1,000,000 combined single limit for bodily injury for property damage; and
- (e) Workers' Compensation insurance complying with the laws of the state(s) in which Consultant's services are performed hereunder.

Notwithstanding anything contained herein to the contrary, Consultant's liability to Client for any claimed Damages arising out of or in any way related to this Agreement or the services provided by Consultant shall be limited to the amounts available under the above insurance policies. However, in no event shall the liability of AKT Peerless for any redevelopment incentive or tax credit service under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Consultant will not be responsible for any claims arising out of the negligence, gross negligence, or willful misconduct by Client or by any person or entity not under the direct control of Consultant. In no event shall Consultant have any liability for any claims (whether based upon contract or tort) for any loss of business opportunity, profits or any special, incidental, consequential or punitive damages. In the event Client perceives that it has suffered any Damages as a result of the services provided by Consultant or in any way arising out of or related to this Agreement, Client agrees to provide Consultant with reasonable notice of and an opportunity to cure the claimed Damages, prior to or within ten (10) days of discovery of same. Failure to so provide said notice and opportunity to cure shall act as an absolute bar to any recovery for any Damages. Unless an emergency otherwise dictates, Consultant shall have no more than thirty (30) days after receiving notice as provided herein to cure any defect for which Client provides notice hereunder, unless such cure requires additional time to implement or complete, in which case Consultant shall be provided a commercially reasonable amount of time to complete the cure. Failure by Consultant to cure any defect as provided herein shall in no event bar or preclude any defense to which Consultant may otherwise be entitled. Finally, Consultant shall have no liability or obligation to Client for Damages greater than the minimum requirements as set forth under the applicable state law and the most cost effective and reasonable remedy provided thereunder in consideration of all relevant facts.

Consultant shall not be liable to Client for failure to comply with the terms of Section 1 unless such non-compliance is due to the negligence, gross negligence, or intentional misconduct of Consultant. Client acknowledges that Consultant has made no representations, express or implied, and no warranty or guarantee is included or intended in any report, opinion, or document regarding the results to be achieved upon completion of the services except as set forth herein. In the case of incentives work, Client understands that the decision to grant any incentives is wholly that of the applicable governmental agencies.

7. **Confidentiality:** Consultant shall retain as confidential all information, samples and data furnished to it by Client or collected by it during the course of the work performed under the Agreement or any amendment thereto. Such information shall not be disclosed to any third party except as directed by Client or as required by law, regulation or court order. Prior to making any disclosure required by law, regulation or court order, Consultant shall notify client of the obligation to make such disclosure and provide Client with a reasonable opportunity to lawfully challenge the need to make such disclosure. Any such challenge shall be performed at Client's sole cost and expense, including but not limited to any payments to Consultant for its time spent assisting in such challenge. Consultant shall retain all reports generated for a period of three (3) years after completion of any project. Client authorizes Consultant to destroy any file or retain portions thereof, in the discretion of Consultant after said time. Any samples obtained by a Consultant under this Agreement will be discarded within thirty (30) days after laboratory analyses unless another time period is mutually agreed to in writing.

8. **Final Product:** Client acknowledges that any environmental report is merely a "snapshot" of the subject property at the time the investigation was performed and any material change in the use or condition of the property shall directly terminate any further obligation of Consultant for the accuracy of the report. In no event shall this report be relied on for more than one-hundred eighty (180) days after the date of issuance. If at any time after the issuance of the final report, Client becomes aware of any information previously unknown that would materially alter the findings or conclusions contained therein, Client agrees to immediately provide Consultant with same and allow Consultant to revise the report accordingly, except that Consultant shall not be required to make such revisions if such information was withheld by Client in violation of this Agreement. Client further understands that the failure to discover hazardous, radioactive, toxic, irritant, pollutant, petroleum or otherwise dangerous substances, products, or conditions does not guarantee that these materials do not exist at the property, and that hazardous materials may later be found on such a site. Client agrees that Consultant is not responsible for any failure to detect or clean up the presence of hazardous materials unless: (1) the failure to detect same is caused by Consultant's negligence, gross negligence or willful misconduct; and (2) Client suffers Damages as a result. Client agrees that any Damages related to said failure shall be further limited by the provisions of this Agreement.

All tax increment finance projections and other incentive related documents shall be supplied in paper or printable document file (PDF) format. The source documents are considered work product and will only be released at the sole discretion of AKT Peerless. If source documents are released, it is under a one (1) month license only to the Client who shall not modify, alter, copy or distribute the source documents without the expressed written permission of AKT Peerless and shall destroy or return the source documents and all copies to AKT Peerless upon expiration of the license.

AKT Peerless ordinarily retains client files for a reasonable period of time after the conclusion of a matter. If requested, AKT Peerless will provide these files to you (excluding our notes and other work products) at the conclusion of the matter upon your request. If you do not request the files, after a reasonable period of time, unless you advise us in writing to the contrary, we shall be free to dispose of them. If you request that we turn our files over to you or to another firm and you have not fully satisfied all of your obligations to us under this agreement, including the payment of all fees and costs, we shall be entitled to hold the files as security for performance of those obligations.

9. **Lien:** In order to secure repayment of the amounts required hereunder, Consultant hereby notifies client that it intends to utilize any rights it may have under Michigan's Construction Lien Act (MCLA 570.1101 *et seq*) or

such similar provision which may be in force in the jurisdiction where the work under the Agreement is performed. Client further agrees to execute and deliver to Consultant any and all documents necessary and/or grants Consultant power of attorney to execute and record on their behalf all documents in order to comply with the requirements of the Act.

10. **Changes:** The parties acknowledge that neither this Agreement nor any proposal may be modified except upon written agreement by both parties. If changes occur in the project, or events are discovered during Consultant's work, these events may require alterations to the scope of work. If such changes are required by changes in the statutes, regulations, governmental authorities or the interpretations thereof, this agreement and proposal shall therefore be amended to incorporate those changes and the compensation to Consultant shall be adjusted accordingly. If the Client alters the scope of work proposed by Consultant, Consultant shall have no liability whatsoever for any Damages based upon the final product, if in the performance of the Consultant's original proposal; the claimed defect could have been discovered. Client further acknowledges that the costs in the proposal are merely estimates. These estimates are made by Consultant on the basis of its experience, qualifications, and professional judgment, but are estimates and not guaranteed.

11. **Delays:** Consultant shall use commercially reasonable best efforts in performing the services under this agreement. However, Consultant shall not be responsible for any delay or failure to perform its services if there is any failure to provide or delay in providing Consultant with necessary access to the properties, documentation, information, materials or contractors retained by Client or its representatives, or due to any act of God, labor trouble, fire, inclement weather, act of governmental authority or the failure to gain cooperation of any necessary third party or any other act beyond the control of Consultant. In the event said events do occur, then the time for Consultant's for completion of this Agreement shall be extended by a commercially reasonable period under the circumstances. If any delay is caused by either the acts or omissions of Client or by any third party (including Governmental agencies) Consultant shall be entitled to additional compensation, based upon standard rates, for the additional efforts required in obtaining said approvals, documentation or access.

12. **Reliance and Reliance Letters:** The services performed and issuance of any report which is to be generated is for the sole benefit of Client and no other individual or entity may therefore rely on same without the express written permission of Consultant. Consultant acknowledges that, from time to time, Client may require that Consultant issue to Client's financial institution or other third party a Reliance Letter. Consultant agrees, at no additional cost, to provide same, so long as it is subject to these Terms and Conditions and that said request is made within one hundred eighty (180) days of the final report. Client agrees that it shall provide a copy of these Terms and Conditions to its financial institution or other third party and that the financial institution shall accept same and shall acknowledge that any such reliance shall be effective only as to the condition of the property on the date the final report was written. Consultant shall not be required to provide reliance on any report older than 180 days. In the event that Consultant does agree to provide a Reliance Letter, the party seeking reliance must agree in writing to be bound by these Terms and Conditions. Any reliance shall only be as of the date the report was published. For reliance requests based upon these reports, Consultant's liability for any and all Damages in any way related to the services provided by Consultant, either directly or indirectly, whether by agreement or otherwise, shall be limited to the cost of the services provided by Consultant hereunder. In accepting this limitation, Client and any other relying party shall acknowledge that ASTM E-1527, Section 4.6, states that any Phase I Environmental Site Assessment older than one hundred eighty (180) days is no longer valid and therefore acknowledges that this reduced limitation of liability is reasonable.

PROPOSAL FOR ENVIRONMENTAL CONSULTING SERVICES

AKT Peerless Proposal No. PF-24729

AKT Peerless Project No. 14118

Introduction

AKT Peerless is pleased to submit its proposal to provide environmental consulting services for the following property:

- 1150 Midway Road
Ypsilanti Township, Michigan

AKT Peerless understands the Client intends to redevelop the subject property as a recreational skate park.

AKT Peerless understands the Client plans to utilize Washtenaw County Brownfield Redevelopment Authority (WCBRA) to fund the proposed scope of work. AKT Peerless will comply with the insurance requirements as outlined in Section 10 of the draft WCBRA Environmental Assessment Grant Agreement provided to AKT Peerless on February 5, 2019.

Scope of Work

During a subsurface investigation completed at the subject property regarding a potential environmental concern (PEC) regarding the potential historical presence of a heating oil tank at the site. Although no evidence was identified during the Phase I ESA process to indicate a heating oil tank was present on the subject property, the lack of documentation of heating sources during period(s) of time at the site prompted the client to request an investigation of the PEC. As such, AKT Peerless completed a subsurface investigation in areas surrounding the former building footprint. During the investigation one polynuclear aromatic hydrocarbon (PNA) parameter was identified to exceed the Residential Generic Cleanup Criteria. Based on the data review, it appears the impact is likely due to fill material rather than a heating oil UST as PNAs were detected, albeit lower the State's Generic Cleanup Criteria, in other areas of the site. In addition, no volatile organic compounds (VOCs) were identified at the site.

Based on the above noted results, AKT Peerless recommends completing an Environmental Construction Management Plan (ECMP) for use during redevelopment of the site, as well as, a Documentation of Due Care Compliance (DDCC) which is required to be on file for sites with impact exceeding the Residential Generic Cleanup Criteria.

Environmental Construction Management Plan

The purpose of this plan and guidance is to ensure that the due care responsibilities associated with both the ownership and/or operation of the project site are met throughout the duration of construction activities proposed for the subject property. The ECMP will be based on the data collected during the 2019 subsurface investigation completed at the site.

The purpose of the Environmental Construction Management Plan proposed to prepare is two-fold:

- 1) To provide the contractors and subcontractors that bid on this project with an adequate level of knowledge concerning the subject property's environmental condition to understand the site conditions and prepare their own health & safety plans and protocols accordingly; and
- 2) To provide guidance to the contractors and subcontractors that bid on this project with an adequate level of knowledge regarding the requisite management practices for the proper handling and management of potentially contaminated media and other materials at the subject property above and beyond normal "greenfield" construction practices.

These environmental plans and guidance documents are necessary to ensure that the health, safety and welfare of workers, visitors, and occupants and the environment on, adjacent to, and nearby the Property are adequately protected.

Post-Development Documentation of Due Care Compliance

Section 20107a provides that a person who owns or operates property and has knowledge it is a facility must:

- Undertake measures to prevent exacerbation of existing contamination.
- Exercise due care by undertaking response activities to mitigate unacceptable exposure to hazardous substances, mitigate fire and explosion hazards due to hazardous substances, and allow for the intended use of the subject property in a manner that protects health and safety.
- Take reasonable precautions against the reasonably foreseeable acts or omissions of a third party and the consequences that could result from those acts or omissions.
- Provide notifications to the EGLE and others in regard to mitigating fire and explosions hazards, discarded or abandoned containers, contamination migrating beyond property boundaries, as applicable.
- Comply with land use or resource use restrictions established or relied on in connection with the response activities at the facility.
- Not impede the effectiveness or integrity of any land use or resource restriction employed at the facility in connection with response activities.

AKT Peerless will prepare the DDCC based on the subsurface investigation completed at the site. This plan will be prepared for Client use but is not intended for submittal or review by any regulatory agency.

Schedule

AKT Peerless will implement work immediately and will provide the Environmental Construction Management Plan (ECMP) within two weeks of authorization and a Documentation of Due Care Compliance (DDCC) within two weeks following the completion of the ECMP.

Fees

AKT Peerless proposes to provide the services described in this proposal for the total estimated cost described below:

Estimated Cost - ECMP	\$2,950
Estimated Cost – DDCC	<u>\$3,500</u>
TOTAL COST	\$6,450

Unless requested otherwise, AKT Peerless will provide an electronic copy of the final report. Paper copy reports, if requested, will be provided at a rate of \$75 per copy.

Limitations

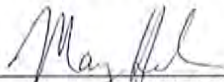
This proposal and the associated cost estimate are valid for 30 days. After 30 days have elapsed, AKT Peerless reserves the right to alter the scope of work and estimated cost. Any unexpected or extraordinary concerns that become apparent during the assessment may require a revision in the scope of work and cost and could delay the project. AKT Peerless will notify you of any concerns or necessary changes in the proposed scope of work. Changes in the scope of work and the estimated price would be dependent on potential changes in the amount of available site information, regulatory requirements, seasons, economic conditions, etc. If necessary, AKT Peerless will provide an altered scope of work and the associated price estimate for approval prior to initiating project activities.

This proposal, including: descriptive material, pricing, discussion of proposed methods to be used or implemented by AKT Peerless, and related information set forth herein are confidential; these items constitute trade secrets of and are proprietary to AKT Peerless. AKT Peerless is submitting this information for informational purposes only, based on the express understanding that it will be held in strict confidence; will not be disclosed, duplicated, or used, in whole or in part, for any purpose other than the evaluation of this information; and will not, in any event, be disclosed to third parties, without prior written consent of AKT Peerless.

Terms and Conditions

By signing this proposal, the Client agrees to the terms and conditions presented as Appendix A. Unless otherwise noted, AKT Peerless will prepare and render invoices for work performed to date on a monthly basis.

**PROPOSAL ACCEPTANCE FOR AN ENVIRONMENTAL
CONSTRUCTION MANAGEMENT PLAN AND A
DOCUMENTATION OF DUE CARE COMPLIANCE REPORT
1150 Midway Road, Ypsilanti Township, Michigan**

This proposal submitted by: 
Mary C. Hoeh, CHMM
Group Leader


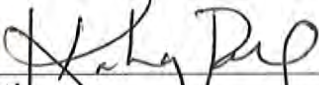
Proposal submitted on: July 1, 2019

Please authorize the proposal by executing below:

Proposal amount: **\$6,450**

Client contact:
Ms. Brenda Stumbo
Charter Township of Ypsilanti
7200 South Huron River Drive
Ypsilanti, Michigan 48197

AKT Peerless Proposal No. PF-24729
AKT Peerless Project No. 14118

Acceptance:	<u></u>	<u></u>
Print Name:	<u>Brenda L. Stumbo</u>	<u>Karen Lovejoy Roe</u>
Title	<u>Supervisor</u>	<u>Clerk</u>
Date	<u>July 3, 2019</u>	

TO EXPEDITE COMPLETION OF THIS PROJECT, PROVIDE THE FOLLOWING:

PROPERTY OWNER NAME: PROPERTY OWNER CONTACT INFORMATION:

KEY SITE CONTACT NAME: KEY SITE CONTACT INFORMATION:

LENDER NAME: LENDER CONTACT INFORMATION:

Appendix A
Terms and Conditions

AKT PEERLESS TERMS AND CONDITIONS

The following Terms and Conditions govern the services (referred to herein as "work" or "services") to be performed by AKT Peerless ("we", "us", "our", "AKT Peerless" or "Consultant") for you ("you", "your" or "Client"). By accepting the proposal or authorizing all, or any portion, of the work to be performed by Consultant, Client shall be deemed to accept these terms and conditions, as if set forth in full, in the proposal to which these terms and conditions apply (when accepted, the proposal and these Terms and Conditions constitute the "Agreement" (hereinafter, this "Agreement").

1. **Performance:** Consultant will provide advice, consultation and other environmental services to Client in a manner consistent with the level of care and skill ordinarily exercised by members of Consultant's profession currently practicing under similar conditions and in the same locality. Consultant shall use commercially reasonable best efforts to comply with all federal, state, and local statutes, codes, laws and administrative regulations relating specifically to the services to be performed by Consultant, including, but not limited those related to environmental, fire, safety and health matters. Finally, it is Consultant's obligation to have marked by appropriate utility companies the location of all underground utilities or improvements.

AKT Peerless prides itself in rapid responses to client inquiries. Therefore, we make extensive use of e-mail and facsimile machines to communicate with our clients. We will communicate with you via the e-mail address and/or facsimile number on file for you. In the case of facsimiles, please let us know if you would like us to call first before faxing. At present, AKT Peerless does not use any encryption programs for our outgoing e-mail. All written, telephone, facsimile or email communication between the Client and AKT Peerless shall not be considered unwanted commercial speech (e.g. "spam") unless written notification is provided.

2. **Client Cooperation:** Client shall use commercially reasonable best efforts to cooperate fully with Consultant in meeting Consultant's responsibilities herein. Such cooperation shall include but shall not be limited to providing: 1) access to the real estate, buildings or other property, 2) such surveys and other records concerning the subject matter of the project, and 3) all communications with regulatory agencies and other parties that may have an interest related to the project as may be in Client's possession or under its control. Client shall provide Consultant with a written description of all information required to enable Consultant to perform its services, including documents, data and other information concerning the presence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substances or conditions that Client knows or has reason to believe may be located at, on or under the property. Consultant shall not be liable for any incorrect advice, judgment, recommendation, finding, decision or conduct based upon any inaccurate or incomplete information supplied, or withheld, by Client, or errors or incorrect statements of governmental agencies or third parties relied on by Consultant. Client agrees to provide an on-site contact to identify utilities and improvements. Client acknowledges that, in the event any subsurface investigation is required, it is inevitable that some damage or destruction to the current property conditions shall occur. Repair of concrete and/or surface structures is not included as part of this proposal and Consultant shall have no liability to repair same, except as may be specifically set forth in the proposal.

3. **Payment:** The Client agrees to pay Consultant for all services and expenses, according to this agreement, through the termination or completion date, plus all interest, and expenses or costs incurred for early termination as set forth below and all costs of collections, including reasonable attorney fees. Any work requested hereunder, either in the proposal or subsequent change orders will be performed at the prices agreed to in the proposal and/or according to the provisions of the Consultant's standard rate schedule. If requested, prior to performing any services AKT Peerless may require a retainer ("Retainer"). AKT Peerless shall hold the Retainer and apply it to the final invoice from AKT Peerless to the Client (with any excess left over, immediately returned to the Client). Consultant reserves the right to amend the rate schedule in advance of any future work. Client understands that outside services contracted and paid for by Consultant which are included in the proposal will be billed to the

Client at cost plus fifteen percent (15%). All invoices submitted to Client shall be payable within thirty (30) days of issuance by Consultant. Any payment not received within that period will bear interest at the rate of one and one half percent (1.5%) per month thereafter. Client agrees that it shall pay Consultant at Consultant's then prevailing rate for all time spent on behalf of Client in preparation for any court, administrative, or other legal proceedings arising out of the services provided under this Agreement, whether or not Consultant is subpoenaed to appear at such proceeding by Client or any third party. In the event that payment is not received by Consultant on any invoice within thirty (30) days of the issuance of the invoice, Consultant may then, by written termination notice to Client, terminate this Agreement (and any other existing contracts between Client and Consultant) and apply any existing Retainer to outstanding invoices without incurring any liability to Client; such termination by Consultant shall be effective immediately upon Consultant's issuance of the termination notice. Any objection to any invoice must be made by the Client, in writing, within ten (10) business days after the invoice is issued by Consultant, or the objection shall be deemed waived.

4. **Termination:** In addition to any other rights of Consultant to terminate this Agreement, Consultant may terminate this agreement if, in its sole discretion, it believes that any request from Client may violate applicable professional standards, law, or regulations and the parties are unable to reach a satisfactory resolution of the issue. Additionally, this agreement may be terminated by either party upon thirty (30) days written notice, unless such termination shall irreparably harm either party. In the event that Client terminates this agreement prior to the completion of Consultant's work, Client agrees to pay Consultant for the work that has been performed through the date of termination and for efforts that are expended by Consultant to wrap up its work in a professional, businesslike manner (including, without limitation, costs and fees for demobilizing from a site, for proper handling and disposal of samples, for organization of files and reports and the like) and in addition, Client shall pay Consultant an additional amount equaling ten percent (10%) of the agreed initial estimated price, as a reimbursement for loss of opportunity. In no event shall any payment pursuant to this section 4 exceed the original agreement amount by ten percent (10%).

5. **Indemnification:** Client shall defend, indemnify, and hold harmless Consultant, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all liability, claims, demands, lawsuits, losses, damages, penalties, expenses and costs, including reasonable attorney fees ("**Damages**"), whether direct, indirect or consequential: that arise as a result of Client's negligence, gross negligence, or willful misconduct. All claims brought against Consultant, relating to the services provided by Consultant or otherwise, whether based upon contract, tort, statute or otherwise, must be brought within one (1) year from completion of the contracted services or they shall be forever barred. The Client acknowledges that Consultant has neither created nor contributed to the creation or existence of any hazardous, radioactive, toxic, irritant, pollutant or otherwise dangerous substance or condition at the real estate as to which Client has requested Consultant's services.

Consultant agrees to defend, indemnify, and hold harmless Client, its subcontractors, and their respective officers, directors, shareholders, members, attorneys, agents and employees from and against any and all Damages, whether direct, indirect, or consequential arising out of, or in any way connected with Consultant's negligence, gross negligence or willful misconduct in the performance of services under this Agreement.

In addition to the other limitations contained in this section 5 and elsewhere in these Terms and Conditions, a party's obligation to the other hereunder shall be limited to the party's relative fault among all persons or entities that may have contributed to or caused the Damages at issue, as determined by a court of competent jurisdiction or as the allocation of fault may otherwise be agreed by the parties.

The Client understands that its incentive services involve incentive programs, not entitlement programs, and, as such, approval of any incentive benefit is not guaranteed. Strict compliance with the applicable incentive legislation is needed in order to even qualify for consideration by the applicable government agency. This compliance is the responsibility of the Client. Tax increment finance tables involve projected revenue that is highly dependent on post-development taxable values determined through the normal assessment process. The Client

agrees to indemnify and hold harmless AKT Peerless from all claims, losses, expenses, fees including reasonable attorney fees, costs, and judgments that may be asserted against the Client arising out of this Agreement, or the Client's application and/or qualification for incentive programs (provided, however, this indemnity shall not apply to claims arising out of the gross negligence of AKT Peerless or its employees or agents). The Client is strongly encouraged to seek legal advice, at the Client's own expense, on all legal matters or questions that may arise regarding these incentives and to have any documents prepared by AKT Peerless for submission to any federal, state or municipal government or agency reviewed by competent legal counsel before submission. The Client is strongly encouraged to seek accounting services, at the Client's own expense, on all tax matters or questions that may arise regarding these incentives and to consult with the Client's accountant prior to submission of any tax forms. In no event shall the liability of AKT Peerless under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Further, in the event AKT Peerless is successful in obtaining governmental incentives for Client, they require strict compliance after approval of same to obtain their benefits. Certain failures to comply on an ongoing basis can terminate or limit the availability of the full benefits received, require repayment or have negative tax consequences. AKT Peerless assumes no liability for post award actions of Client.

6. **Insurance and Limitations of Liability:** Consultant and its subcontractors shall procure and maintain at its own expense, during the term of this Agreement, the following insurance, with limits of liability at least as set forth below, and upon such terms and conditions as are customary in the industry:

- (a) Comprehensive general liability insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined per aggregate;
- (b) Professional liability (errors and omissions) insurance in the amount of \$1,000,000 combined per occurrence and \$2,000,000 combined aggregate limit;
- (c) Pollution liability insurance in the amount of \$1,000,000 per occurrence and \$2,000,000 aggregate;
- (d) Automobile liability insurance in the amount of \$1,000,000 combined single limit for bodily injury for property damage; and
- (e) Workers' Compensation insurance complying with the laws of the state(s) in which Consultant's services are performed hereunder.

Notwithstanding anything contained herein to the contrary, Consultant's liability to Client for any claimed Damages arising out of or in any way related to this Agreement or the services provided by Consultant shall be limited to the amounts available under the above insurance policies. However, in no event shall the liability of AKT Peerless for any redevelopment incentive or tax credit service under this Agreement for any claim whatsoever exceed amounts paid by Client to AKT Peerless for the particular task giving rise to such claim. Consultant will not be responsible for any claims arising out of the negligence, gross negligence, or willful misconduct by Client or by any person or entity not under the direct control of Consultant. In no event shall Consultant have any liability for any claims (whether based upon contract or tort) for any loss of business opportunity, profits or any special, incidental, consequential or punitive damages. In the event Client perceives that it has suffered any Damages as a result of the services provided by Consultant or in any way arising out of or related to this Agreement, Client agrees to provide Consultant with reasonable notice of and an opportunity to cure the claimed Damages, prior to or within ten (10) days of discovery of same. Failure to so provide said notice and opportunity to cure shall act as an absolute bar to any recovery for any Damages. Unless an emergency otherwise dictates, Consultant shall have no more than thirty (30) days after receiving notice as provided herein to cure any defect for which Client provides notice hereunder, unless such cure requires additional time to implement or complete, in which case Consultant shall be provided a commercially reasonable amount of time to complete the cure. Failure by Consultant to cure any defect as provided herein shall in no event bar or preclude any defense to which Consultant may otherwise be entitled. Finally, Consultant shall have no liability or obligation to Client for Damages greater than the minimum requirements as set forth under the applicable state law and the most cost effective and reasonable remedy provided thereunder in consideration of all relevant facts.

Consultant shall not be liable to Client for failure to comply with the terms of Section 1 unless such non-compliance is due to the negligence, gross negligence, or intentional misconduct of Consultant. Client acknowledges that Consultant has made no representations, express or implied, and no warranty or guarantee is included or intended in any report, opinion, or document regarding the results to be achieved upon completion of the services except as set forth herein. In the case of incentives work, Client understands that the decision to grant any incentives is wholly that of the applicable governmental agencies.

7. **Confidentiality:** Consultant shall retain as confidential all information, samples and data furnished to it by Client or collected by it during the course of the work performed under the Agreement or any amendment thereto. Such information shall not be disclosed to any third party except as directed by Client or as required by law, regulation or court order. Prior to making any disclosure required by law, regulation or court order, Consultant shall notify client of the obligation to make such disclosure and provide Client with a reasonable opportunity to lawfully challenge the need to make such disclosure. Any such challenge shall be performed at Client's sole cost and expense, including but not limited to any payments to Consultant for its time spent assisting in such challenge. Consultant shall retain all reports generated for a period of three (3) years after completion of any project. Client authorizes Consultant to destroy any file or retain portions thereof, in the discretion of Consultant after said time. Any samples obtained by a Consultant under this Agreement will be discarded within thirty (30) days after laboratory analyses unless another time period is mutually agreed to in writing.

8. **Final Product:** Client acknowledges that any environmental report is merely a "snapshot" of the subject property at the time the investigation was performed and any material change in the use or condition of the property shall directly terminate any further obligation of Consultant for the accuracy of the report. In no event shall this report be relied on for more than one-hundred eighty (180) days after the date of issuance. If at any time after the issuance of the final report, Client becomes aware of any information previously unknown that would materially alter the findings or conclusions contained therein, Client agrees to immediately provide Consultant with same and allow Consultant to revise the report accordingly, except that Consultant shall not be required to make such revisions if such information was withheld by Client in violation of this Agreement. Client further understands that the failure to discover hazardous, radioactive, toxic, irritant, pollutant, petroleum or otherwise dangerous substances, products, or conditions does not guarantee that these materials do not exist at the property, and that hazardous materials may later be found on such a site. Client agrees that Consultant is not responsible for any failure to detect or clean up the presence of hazardous materials unless: (1) the failure to detect same is caused by Consultant's negligence, gross negligence or willful misconduct; and (2) Client suffers Damages as a result. Client agrees that any Damages related to said failure shall be further limited by the provisions of this Agreement.

All tax increment finance projections and other incentive related documents shall be supplied in paper or printable document file (PDF) format. The source documents are considered work product and will only be released at the sole discretion of AKT Peerless. If source documents are released, it is under a one (1) month license only to the Client who shall not modify, alter, copy or distribute the source documents without the expressed written permission of AKT Peerless and shall destroy or return the source documents and all copies to AKT Peerless upon expiration of the license.

AKT Peerless ordinarily retains client files for a reasonable period of time after the conclusion of a matter. If requested, AKT Peerless will provide these files to you (excluding our notes and other work products) at the conclusion of the matter upon your request. If you do not request the files, after a reasonable period of time, unless you advise us in writing to the contrary, we shall be free to dispose of them. If you request that we turn our files over to you or to another firm and you have not fully satisfied all of your obligations to us under this agreement, including the payment of all fees and costs, we shall be entitled to hold the files as security for performance of those obligations.

9. **Lien:** In order to secure repayment of the amounts required hereunder, Consultant hereby notifies client that it intends to utilize any rights it may have under Michigan's Construction Lien Act (MCLA 570.1101 *et seq*) or

such similar provision which may be in force in the jurisdiction where the work under the Agreement is performed. Client further agrees to execute and deliver to Consultant any and all documents necessary and/or grants Consultant power of attorney to execute and record on their behalf all documents in order to comply with the requirements of the Act.

10. **Changes:** The parties acknowledge that neither this Agreement nor any proposal may be modified except upon written agreement by both parties. If changes occur in the project, or events are discovered during Consultant's work, these events may require alterations to the scope of work. If such changes are required by changes in the statutes, regulations, governmental authorities or the interpretations thereof, this agreement and proposal shall therefore be amended to incorporate those changes and the compensation to Consultant shall be adjusted accordingly. If the Client alters the scope of work proposed by Consultant, Consultant shall have no liability whatsoever for any Damages based upon the final product, if in the performance of the Consultant's original proposal; the claimed defect could have been discovered. Client further acknowledges that the costs in the proposal are merely estimates. These estimates are made by Consultant on the basis of its experience, qualifications, and professional judgment, but are estimates and not guaranteed.

11. **Delays:** Consultant shall use commercially reasonable best efforts in performing the services under this agreement. However, Consultant shall not be responsible for any delay or failure to perform its services if there is any failure to provide or delay in providing Consultant with necessary access to the properties, documentation, information, materials or contractors retained by Client or its representatives, or due to any act of God, labor trouble, fire, inclement weather, act of governmental authority or the failure to gain cooperation of any necessary third party or any other act beyond the control of Consultant. In the event said events do occur, then the time for Consultant's for completion of this Agreement shall be extended by a commercially reasonable period under the circumstances. If any delay is caused by either the acts or omissions of Client or by any third party (including Governmental agencies) Consultant shall be entitled to additional compensation, based upon standard rates, for the additional efforts required in obtaining said approvals, documentation or access.

12. **Reliance and Reliance Letters:** The services performed and issuance of any report which is to be generated is for the sole benefit of Client and no other individual or entity may therefore rely on same without the express written permission of Consultant. Consultant acknowledges that, from time to time, Client may require that Consultant issue to Client's financial institution or other third party a Reliance Letter. Consultant agrees, at no additional cost, to provide same, so long as it is subject to these Terms and Conditions and that said request is made within one hundred eighty (180) days of the final report. Client agrees that it shall provide a copy of these Terms and Conditions to its financial institution or other third party and that the financial institution shall accept same and shall acknowledge that any such reliance shall be effective only as to the condition of the property on the date the final report was written. Consultant shall not be required to provide reliance on any report older than 180 days. In the event that Consultant does agree to provide a Reliance Letter, the party seeking reliance must agree in writing to be bound by these Terms and Conditions. Any reliance shall only be as of the date the report was published. For reliance requests based upon these reports, Consultant's liability for any and all Damages in any way related to the services provided by Consultant, either directly or indirectly, whether by agreement or otherwise, shall be limited to the cost of the services provided by Consultant hereunder. In accepting this limitation, Client and any other relying party shall acknowledge that ASTM E-1527, Section 4.6, states that any Phase I Environmental Site Assessment older than one hundred eighty (180) days is no longer valid and therefore acknowledges that this reduced limitation of liability is reasonable.

**CHARTER TOWNSHIP OF YPSILANTI
2019 BUDGET AMENDMENT #11 REVISION #2**

July 2, 2019

AMOUNTS ROUNDED UP TO THE NEAREST DOLLAR

101 - GENERAL OPERATIONS FUND	Total Increase	<u><u>\$55,690.00</u></u>
--------------------------------------	-----------------------	----------------------------------

Request to increase the budget for Washtenaw County Road 3rd Agreement for crack sealing improvement at Partridge Creek Subdivision. The total road improvement project is estimated at \$40,000. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$40,000.00
		Net Revenues	<u><u>\$40,000.00</u></u>
Expenditures:	Highway & ST-Road Construction	101-446-000-818.022	\$40,000.00
		Net Expenditures	<u><u>\$40,000.00</u></u>

* Request to increase the budget for the professional service of AKT Peerless for subsurface investigation of property located at 1165 Ecorse Road for a total of \$15,690. There will be a Washtenaw County Brownfield Grant in the amount of \$15,000 and \$690 will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	County Grant - Special Project	101-000-000-540.400	\$15,000.00
	Prior Year Fund Balance	101-000-000-699.000	\$690.00
		Net Revenues	<u><u>\$15,690.00</u></u>
Expenditures:	Prof Serv - Special Land Project	101-950-000-801.400	\$15,690.00
		Net Expenditures	<u><u>\$15,690.00</u></u>

212 - BIKE, SIDEWALK, REC, ROADS GENERAL FUND (BSRII)	Total Increase	<u><u>\$6,450.00</u></u>
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** Request to increase the budget \$6,450 for the professional services of AKT Peerless to perform Phase 2 - Environmental Construction Management Plan and Documentation of Due Care Compliance at the future site of the Skate Park located at 1150 Midway Road. This will be funded by reimbursement from a Grant provided by the Washtenaw County Brownfield Authority.

Revenues:	County Grant - Park	212-000-000-540.100	\$6,450.00
		Net Revenues	<u><u>\$6,450.00</u></u>
Expenditures:	Prof Serv - Skate Park	212-212-000-801.300	\$6,450.00
		Net Expenditures	<u><u>\$6,450.00</u></u>

* Revision Requested by Clerk Roe 06/27/19

** Revision Requested by Clerk Roe 07/2/19

Motion to Amend the 2019 Budget (#11) Revision #2

Move to increase the General Fund budget by \$55,690 to \$10,146,631 and approve the department line item changes as outlined.

Move to increase the Bike, Sidewalk, Rec, Roads, General Fund II budget by \$6,450 to \$2,168,948 and approve the department line item changes as outlined

Supervisor
BRENDA L. STUMBO
Clerk
KAREN LOVEJOY ROE
Treasurer
LARRY J. DOE
Trustees
STAN ELDRIDGE
HEATHER ROE
MONICA ROSS-WILLIAMS
JIMMIE WILSON



ACCOUNTING DEPT

7200 S. Huron River Drive
Ypsilanti, MI 48197
Phone: (734) 484-3702
Fax: (734) 484-5154

Charter Township of Ypsilanti

STATEMENTS AND CHECKS

JULY 16, 2019 BOARD MEETING

ACCOUNTS PAYABLE CHECKS -	\$	1,138,885.62
HAND CHECKS -	\$	71,677.09
CREDIT CARD PURCHASES-	\$	<u>2,689.90</u>
GRAND TOTAL -	\$	1,213,252.61

Clarity Health Care Deductible –

ACH EFT - \$ 39,448.48 (JUNE)

ADMIN FEE - \$ 1,109.50 (MAY)

07/10/2019 10:48 AM
User: mharris
DB: Ypsilanti-Twp

Check Date	Check	Vendor Name	Amount
Bank AP AP			
07/01/2019	182554	AT & T	177.56
07/01/2019	182555	AT & T	32.01
07/01/2019	182556	COMCAST CABLE	106.85
07/01/2019	182557	COMCAST CABLE	214.90
07/01/2019	182558	DTE ENERGY**	64,495.77
07/01/2019	182559	HONIGMAN	6,500.00
07/01/2019	182560	WASTE MANAGEMENT	150.00
AP TOTALS:			
Total of 7 Checks:			71,677.09
Less 0 Void Checks:			0.00
Total of 7 Disbursements:			71,677.09

HAND CHECKS

Check Date	Check	Vendor Name	Amount
Bank AP AP			
07/16/2019	182561	A.F. SMITH ELECTRIC	895.00
07/16/2019	182562	AARON SIEGFRIED	135.00
07/16/2019	182563	ACCUSHRED LLC	90.00
07/16/2019	182564	ALL SEASONS LANDSCAPING CO.	179.95
07/16/2019	182565	ALLIE BROTHERS, INC.	390.00
07/16/2019	182566	AMAZON CAPITAL SERVICES	1,026.30
07/16/2019	182567	ANN ARBOR CLEANING SUPPLY	440.66
07/16/2019	182568	ANN ARBOR WELDING SUPPLY CO	8.37
07/16/2019	182569	ANNETTE GONTARSKI	79.34
07/16/2019	182570	ANTHONY SCOTT	15.00
07/16/2019	182571	ATCHINSON FORD	1,180.85
07/16/2019	182572	AUTO VALUE YPSILANTI	183.33
07/16/2019	182573	BENJAMIN DEMOND	16.00
07/16/2019	182574	CARLISLE/WORTMAN ASSOCIATES	2,200.00
07/16/2019	182575	CASSANDRA KELLY	45.00
07/16/2019	182576	CHELSEA TIDERINGTON	1,287.50
07/16/2019	182577	COLD CUT KRUISE	188.40
07/16/2019	182578	COMPLETE BATTERY SOURCE	54.31
07/16/2019	182579	COURT INNOVATIONS INC	540.00
07/16/2019	182580	CRYSTAL FLASH, INC.	923.12
07/16/2019	182581	DAKOTA DEMOND	60.00
07/16/2019	182582	DAWID & GATTI, PLLC	90.00
07/16/2019	182583	DAYLAN JACKSON	90.00
07/16/2019	182584	DETROIT LEGAL NEWS	116.00
07/16/2019	182585	DIUBLE EQUIPMENT INC.	142.87
07/16/2019	182586	ELITE TECHNICAL SERVICES GROUP	250.00
07/16/2019	182587	EMERGENCY VEHICLE SERVICES	572.28
07/16/2019	182588	FERGUSON ENTERPRISES, INC.	584.50
07/16/2019	182589	FERRELLGAS	24.00
07/16/2019	182590	FIRST CLASS UPHOLSTERY	1,800.00
07/16/2019	182591	GARY STAFFORD	99.00
07/16/2019	182592	GOVERNMENTAL CONSULTANT SERVICES	3,023.50
07/16/2019	182593	GRAINGER	346.35
07/16/2019	182594	HENDERSON GLASS	156.81
07/16/2019	182595	HERITAGE-CRYSTAL CLEAN, LLC	348.27
07/16/2019	182596	HOME DEPOT	1,570.53
07/16/2019	182597	J & R TRACTOR, LLC	128.40
07/16/2019	182598	JUMP-A-RAMA	1,479.80
07/16/2019	182599	KAREN LOVEJOY ROE	125.98
07/16/2019	182600	LAWRENCE HENDRICKS	30.00
07/16/2019	182601	LINDA SHEDD	88.00
07/16/2019	182602	LISA GODO	112.00
07/16/2019	182603	LISA STANFIELD	148.71
07/16/2019	182604	LOOKING GOOD LAWNS	7,998.00
07/16/2019	182605	LOWE'S	212.38
07/16/2019	182606	LOWER HURON SUPPLY	60.40
07/16/2019	182607	MAIL FINANCE	1,058.70
07/16/2019	182608	MARIALANA BRANCH	60.00
07/16/2019	182609	MARK HAMILTON	1,750.00
07/16/2019	182610	MAYA EL-AMIN	10.00
07/16/2019	182611	MCLAIN AND WINTERS	138,194.83
07/16/2019	182612	MCMASTER-CARR	100.59
07/16/2019	182613	MENARDS, INC.	159.96
07/16/2019	182614	MICHAEL BODARY	90.00
07/16/2019	182615	MICHIGAN LINEN SERVICE, INC.	919.65
07/16/2019	182616	MOHAMMED ABD ELSAYED	60.00
07/16/2019	182617	MUNICIPAL CODE CORPORATION	450.00
07/16/2019	182618	NATALIE HUNTER-DAVIS	45.00
07/16/2019	182619	OFFICE EXPRESS	144.14
07/16/2019	182620	ORCHARD, HILTZ & MCCLIMENT INC	3,893.25
07/16/2019	182621	PARKER ALLEN	60.00
07/16/2019	182622	PARKWAY SERVICES, INC.	270.00
07/16/2019	182623	PEPSI BEVERAGES COMPANY	394.62
07/16/2019	182624	PLANNING & ZONING CENTER, INC.	185.00
07/16/2019	182625	PNC EQUIPMENT FINANCE, LLC	7,022.07
07/16/2019	182626	PRINTING SYSTEMS	1,707.28
07/16/2019	182627	PRIORITY ONE EMERGENCY	249.96
07/16/2019	182628	RAND ROBINSON	90.00
07/16/2019	182629	RESIDEX, LLC	1,944.29
07/16/2019	182630	RHETT REYES	972.00
07/16/2019	182631	S & S ASSOCIATES, INC	226.80
07/16/2019	182632	SAFEGUARD BUSINESS SYSTEMS	412.59
07/16/2019	182633	SAM'S CLUB DIRECT	118.20
07/16/2019	182634	SANDRA KAY KNAUP	16.00
07/16/2019	182635	SHERWIN WILLIAMS COMPANY	197.12
07/16/2019	182636	SITBONE LANDSCAPE SUPPLY, LLC	469.01
07/16/2019	182637	SPARTAN DISTRIBUTORS	433.48
07/16/2019	182638	STADIUM TROPHY	326.42

07/10/2019 10:43 AM
User: mharris
DB: Ypsilanti-Twp

CHECK REGISTER FOR CHARTER TOWNSHIP OF YPSILANTI Page: 2/2
CHECK NUMBERS 182561 - 182661

Check Date	Check	Vendor Name	Amount
07/16/2019	182639	STANDARD PRINTING	245.00
07/16/2019	182640	STANTEC	53.50
07/16/2019	182641	STERICYCLE INC	211.95
07/16/2019	182642	TERRY CONDIT	60.00
07/16/2019	182643	THOMAS PIOTROWSKI	2,025.00
07/16/2019	182644	TINA HOTCHKISS	360.00
07/16/2019	182645	TODD BARBER	4,525.00
07/16/2019	182646	TRACTOR SUPPLY COMPANY	561.92
07/16/2019	182647	TRANE U.S. INC	27.06
07/16/2019	182648	TRANSUNION RISK & ALTERNATIVE	75.00
07/16/2019	182649	TYONNA SANTIAGO	80.00
07/16/2019	182650	U.S. POSTAL SERVICE*	235.00
07/16/2019	182651	UNIFIRST CORPORATION	193.85
07/16/2019	182652	WASHTENAW COUNTY LEGAL NEWS	155.00
07/16/2019	182653	WASHTENAW COUNTY SHERIFF'S OFFICE	78.00
07/16/2019	182654	WASHTENAW COUNTY TREASURER#	468,562.50
07/16/2019	182655	WASHTENAW COUNTY TREASURER#	468,562.50
07/16/2019	182656	WEINGARTZ	146.29
07/16/2019	182657	XTREME PLAY N' GO, LLC	334.37
07/16/2019	182658	YPSILANTI ACE HARDWARE	153.54
07/16/2019	182659	YSHELU JOHNSON	142.50
07/16/2019	182660	ZAID HIRZALLAH	13.00
07/16/2019	182661	ZEP SALES & SERVICE	527.77

AP TOTALS:

Total of 101 Checks:	1,138,885.62
Less 0 Void Checks:	0.00
Total of 101 Disbursements:	1,138,885.62

Check Date Check Vendor Name Description Amount

CREDIT CARDS

Bank CARDS COMERICA COMMERCIAL CARD

07/16/2019	46(E)	COMERICA BANK	OPERATING SUPPLIES AND FOOD FOR RESALE	335.82
			NETWORK CABLES	154.14
			ORACLE JAVA SE DESKTOP SUBSCRIPTION	300.00
			KEY FOR TIME CLOCK	13.70
			GOOGLE DEVELOPER ACCOUNT	25.00
			CPR & AED STUDENT BOOKS FOR TRAINING	213.85
			JOOMLA PLUGIN	44.90
			PICTURE FOR 2ND FLOOR BATHROOM - WILDFLO	93.26
			BEE SUPPLIES	326.00
			FRAMES	619.00
			OPERATING SUPPLIES FOR THE GOLF SHOP	116.23
			FREEPBX MODULES	448.00
				<u>2,689.90</u>

CARDS TOTALS:

Total of 1 Checks:	2,689.90
Less 0 Void Checks:	0.00
Total of 1 Disbursements:	<u>2,689.90</u>

OFFICE OF THE TREASURER
LARRY J. DOE



MONTHLY TREASURER'S REPORT
JUNE 1, 2019 THROUGH JUNE 30, 2019

<u>Account Name</u>	<u>Beginning Balance</u>	<u>Cash Receipts</u>	<u>Cash Disbursements</u>	<u>Ending Balance</u>
101 - General Fund	6,807,493.09	1,674,850.18	1,664,578.37	6,817,764.90
101 - Payroll	257,520.06	719,655.95	713,469.32	263,706.69
101 - Willow Run Escrow	144,157.25	118.48	0.00	144,275.73
206 - Fire Department	4,784,718.92	242,299.73	317,131.39	4,709,887.26
208 - Parks Fund	30,501.37	54.78	808.24	29,747.91
212 - Roads/Bike Path/Rec/General Fund	1,402,137.71	50,899.04	9,798.85	1,443,237.90
226 - Environmental Services	2,948,609.41	105,589.75	218,158.07	2,836,041.09
230 - Recreation	161,706.54	157,062.71	111,715.39	207,053.86
236 - 14-B District Court	245,909.74	125,436.54	122,649.65	248,696.63
244 - Economic Development	69,453.39	126.90	0.00	69,580.29
248 - Rental Inspections	185,985.87	23,682.76	23,414.96	186,253.67
249 - Building Department Fund	1,330,754.23	92,735.00	52,954.80	1,370,534.43
250 - LDFA Tax	251,975.11	446.88	225,270.00	27,151.99
252 - Hydro Station Fund	413,817.68	57,042.93	27,156.50	443,704.11
266 - Law Enforcement Fund	6,726,878.45	287,270.20	71,895.98	6,942,252.67
398 - LDFA 2006 Bonds	18,323.59	225,317.02	0.00	243,640.61
584 - Green Oaks Golf Course	146,153.30	130,041.74	188,253.93	87,941.11
590 - Compost Site	784,605.96	54,705.46	33,820.88	805,490.54
595 - Motor Pool	225,654.28	416.82	5,980.05	220,091.05
701 - General Tax Collection	84,089.91	37,298.85	85,382.57	36,006.19
703 - Current Tax Collections	49,849.63	1,538.03	1,241.22	50,146.44
707 - Bonds & Escrow/GreenTop	1,689,855.09	16,425.98	32,361.46	1,673,919.61
708 - Fire Withholding Bonds	113,524.84	93.31	0.00	113,618.15
893 - Nuisance Abatement Fund	89,727.55	6,522.59	2,617.00	93,633.14
GRAND TOTAL	<u>28,963,402.96</u>	<u>4,009,631.63</u>	<u>3,908,658.63</u>	<u>29,064,375.96</u>

ATTORNEY REPORT

GENERAL LEGAL UPDATE

OLD BUSINESS

CHARTER TOWNSHIP OF YPSILANTI

**RESOLUTION 2019-27
(In Reference to Ordinance 2019-488)**

**Adoption of the 2018 Edition of the
International Fire Prevention Code**

Whereas, the Charter Township of Ypsilanti Board of Trustees recognizes the need for a modern, up-to-date fire code addressing conditions hazardous to life and property from fire and explosion hazards; the storage, handling and use of hazardous substances and materials; and the use and occupancy of buildings and premises; and

Whereas, the International Fire Code, 2018 Edition, is designed to meet these needs through model code regulations that safeguard public health and safety; and

Whereas, the International Fire Code, 2018 Edition, is fully compatible with the Michigan Building Code, Michigan Residential Code, Michigan Rehabilitation Code and the International Property Maintenance Code.

Whereas, the Township Fire Department recommends adoption of Ordinance 2019- 488.

Now Therefore,

Be it resolved, that the Charter Township of Ypsilanti Board of Trustees hereby adopts by reference attached Ordinance No. 2019-488 amending the Code of Ordinances of the Charter Township of Ypsilanti, Article II, Fire Prevention Code.

CHARTER TOWNSHIP OF YPSILANTI

PROPOSED ORDINANCE NO. 2019-488

*An Ordinance Amending the Code of Ordinances,
Charter Township of Ypsilanti, Chapter 30, Article II
Entitled Fire Prevention Code by Adoption of the
2018 Edition of the International Fire Prevention Code*

The Charter Township of Ypsilanti hereby **Ordains** that Chapter 30 of the Code of Ordinances for Ypsilanti Township, Article II entitled Fire Prevention Code is hereby amended as follows:

DELETE in its entirety the current Article II entitled Fire Prevention Code (Sections 30-26 through 30-31, inclusive).

ADD the following new provision:

A. Adoption by Reference.

A certain document, copies of which are on file with the office of the Township Clerk and the Bureau of Fire Prevention, being marked and designated as the "**International Fire Code, 2018 Edition, International Code Council,**" is adopted by reference, including Appendix Chapters A through N, and all references therein printed – except those section and appendices herein amended, deleted or added. This document shall be known and may be cited as the "**Fire Prevention Code of the Charter Township of Ypsilanti,**" regulating and governing conditions hazardous to life and property from the standpoint of fire and explosion and for defining the scope of authority of the chief of the fire department and the bureau of fire prevention.

B. Purpose of Article.

The purpose of this article is to provide for the prevention of fires and the protection of persons and property from exposure to the dangers of fire and explosion; to authorize the investigation of fires and the discovery of crime or other offenses in relation thereto; to require the razing, repair and alterations of building, and the clearing and improvement of premises which constitute a fire hazard or a menace to the peace, security or safety of persons or property; to control the use and occupancies of such premises; to provide for the transportation, use and storage of inflammable liquids, compressed gases, and corrosive liquids; to prohibit the use of certain fire extinguishers and fire extinguishing agents; to provide for the administration of this article; and to fix penalties for violation of the provisions of this article.

C. Code Available for Public Use and Inspection.

Complete printed copies of the **Fire Prevention Code** of the Charter Township of Ypsilanti and supplements, therein adopted, are available for public use and inspection at the office of the Township Clerk and at the office of the Bureau of Fire Prevention.

D. References in Code.

References in the **Fire Prevention Code** of the Charter Township of Ypsilanti and supplements to the word “*state*” shall mean the State of Michigan; reference to the word “*municipality*” shall mean the Township of Ypsilanti; references to the term “*corporation counsel*” shall be held to mean the attorney for the township; reference to the term “*bureau of fire prevention*” shall mean the township fire department; and reference to the term “*fire official*” shall be held to mean the chief of the fire department or his authorized designee.

E. Code Revisions.

The following sections of the International Fire Code, 2018 Edition, International Code Council, are hereby revised.

Section 101.1 - insert Charter Township of Ypsilanti

Section 110.4 – delete in its entirety and replace with the following provision:

Section 110.4 Persons who shall violate a provision of this code or shall fail to comply with any of the requirements thereof or who shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the code official, or of a permit or certificate used under the infraction, and shall be subject to a fine as follows:

- a. The fine for any first violation of Article II shall be \$100.00.
- b. The fine for any violation which the violator has, within the past two years, been found in violation of once before, shall be \$250.00.
- c. The fine for any violation which the violator has, within the past two years, been found in violation of twice before, shall be \$500.00.

The imposition of one penalty for any violation shall not excuse the violations or permit it to continue. All such persons shall be required to correct or remedy such situation or defects within a reasonable time, and, when not otherwise specified, each act or violation and every day upon which such violation shall occur shall constitute a separate offense.

The application of the penalties of this section shall not be held to prevent the enforced removal of prohibited conditions by injunctive or other relief.

Each day that a violation continues after due notice has been served shall be deemed a separate violation.

Section 112.4 – insert \$100 or more than \$500

Section 901.2 – Fire Sprinkler Plan Submittal (Added to read)

All fire sprinkler plans shall be submitted to the *fire official* for review. The *fire official* may request review of the sprinkler plans by a third party. The third party shall be included on a list of companies approved by the Charter Township of Ypsilanti Fire Prevention Bureau. The Charter Township of Ypsilanti Fire Prevention Bureau shall witness

all required tests and field inspections of all fire sprinkler systems.

- a. A list of approved companies will be available in the Fire Prevention Bureau and the Office of Community Standards.
- b. No company will be allowed to review its own plans.

Section 906.1 - Residential Fire Extinguisher Requirements Rental Units. *2015 Property Maintenance Code language (Added to read)

- a. It shall be the responsibility of the owner(s) of single family and multiple family rental units to provide each living unit with a portable fire extinguisher.
- b. The fire extinguisher shall have a minimum 1A-10BC rating or higher, and shall be mounted in a readily accessible location within each dwelling unit. Each extinguisher shall be tagged to include a maintenance and inspection record and must be operable at all times.
- c. It shall be the owner's responsibility to maintain the extinguisher in accordance with NFPA 10, and such maintenance shall include, but is not limited to, recharging the extinguisher of the unit which was discharged when attempting to extinguish a documented fire. For the purpose of this section, a documented fire shall mean any fire that the Ypsilanti Township Fire Department has responded to and/or has a record of. In all other cases it shall be the responsibility of the resident to recharge the extinguisher.
- d. The resident of a single family or multiple family rental unit shall be responsible to advise the building owner, or his designated agent, whenever a required fire extinguisher is missing, damaged, discharged or in need of service.
- e. Anyone tampering with, damaging or interfering with the effectiveness of a fire extinguisher shall be in violation of this code.

Section 907.2 - Minimum Smoke Detection Requirements Rental Units. *2015 Property Maintenance Code language (Added to read)

- a. Each apartment, suite, or sleeping area of every single or multiple dwelling units shall be provided with a minimum of one smoke detector capable of sensing visible or invisible products of combustion.
- b. The smoke detector shall be approved or listed by recognized or independent testing laboratories and, when actuated, shall provide an alarm suitable to warn the occupants within the individual dwelling unit.
- c. A minimum of one smoke detector shall be located in the immediate area of all sleeping quarters.
- d. All single family and multiple dwelling units, including duplexes, shall comply with this section.

e. It shall be the responsibility of the owner(s) of each rental unit to install and maintain in operating condition smoke detectors in each dwelling unit as herein provided.

f. All devices, combination of devices and equipment required herein are to be installed in conformance with the Michigan Building and Residential Codes and this section.

g. At least one smoke detector shall be installed to protect each sleeping area. A sleeping area is defined as the area or areas of the family living unit in which the bedrooms or sleeping rooms are located. When bedrooms ordinarily used for sleeping are separated by other used areas, such as kitchens or living rooms, but not bathrooms or closets, they shall be considered as separate sleeping areas for the purpose of this section.

F. Geographic Limits Referred to in Certain Sections of the Code.

The geographic limits referred to in certain sections of the 2018 International Fire Code are hereby established as follows:

Section 5704.2.9.6.1 (geographic limits in which the storage of Class I and Class II liquids in above-ground storage tanks outside of buildings is prohibited): *Storage of greater than 50 gallons is prohibited within 50 feet of a structure.*

Section 5706.2.4.4 (geographic limits in which the storage of Class I and Class II liquids in above-ground ground storage tanks is prohibited): *Amend to add the following language:*

- a. *An above ground storage tank shall not be erected less than 300 feet (92 meters) from any of the following:*
 - i. *a mineshaft.*
 - ii. *an air escape shaft for a mine.*
 - iii. *a school*
 - iv. *a church*
 - v. *a hospital*
 - vi. *a theater*
 - vii. *assembly occupancies for 50 or more persons.*
- b. *The above ground storage tank, loading operation, or unloading operation shall not be installed closer than 25 feet (7.6 meters) plus 1 inch (25 millimeters) per 1,000 volts, measured horizontally from the nearest conductor or power lines, except that a service entrance and service line may be closer than 25 feet (7.6 meters), but shall not be over a tank loading or unloading area.*

Section 5806.2 (geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited): *Amend to add the following language:*

- a. *Stationary containers with storage greater than 45 gallons is prohibited within 50 feet of the following:*
 - i. *Places of public assembly*
 - ii. *Non-ambulatory patient areas*
- b. *Stationary containers with storage greater than 45 gallons is prohibited within 15 feet of the following:*

- i. *Combustible materials such as paper, leaves, weeds, dry grass or debris exposure hazards*
- c. *Stationary containers with storage greater than 45 gallons is prohibited within 10 feet of the following:*
 - ii. *Air intakes*
- c. *Stationary containers with storage greater than 45 gallons is prohibited within 5 feet of the following:*
 - i. *Lot lines*

Section 6104.2 (geographic limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas): *Amend to add the following language:*

For the protection of heavily populated and congested areas, the maximum aggregate capacity of any installation of liquefied petroleum gas shall not exceed a water capacity of 2,000 gallons within 50 feet (15.2 meters) of a structure.

G. Rights and Remedies are Cumulative.

The rights and remedies provided herein are cumulative and in addition to any other remedies provided by law.

H. Severability Clause.

That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The Charter Township of Ypsilanti hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsection, sentences, clauses or phrases by declared unconstitutional.

I. Publication.

This Ordinance shall be published in a newspaper of general circulation as required by law.

J. Effective Date.

This Ordinance shall be effective upon publication in a newspaper of general circulation as required by law.

CHARTER TOWNSHIP OF YPSILANTI

RESOLUTION 2019-26

(In Reference to Ordinance 2019-487)

A Resolution Amending the Zoning Ordinance of the Charter Township of Ypsilanti to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses and to rezone Ecorse Road to be consistent with the Article XI-A Zoning Ordinance language.

Whereas, the Charter Township of Ypsilanti adopted the Ecorse Road/East Michigan Avenue Placemaking Plan in 2018; and

Whereas, changes to the zoning on Ecorse Road are key to the implementation of that plan; and

Whereas, the Township Planning Consultants have recommended amendments to the Charter Township of Ypsilanti's (Township) Planning Commission (Commission) to the Township's Zoning Code; and

Whereas, at its regularly scheduled meeting held April 23, 2019, the Commission recommended approval to the Ypsilanti Township Board of the Planning Consultant's proposed amendments to the Township's Zoning Code to the Township Board to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses; and

Whereas, at its regularly scheduled meeting held April 23, 2019, the Commission recommended approval to the Ypsilanti Township Board of the Planning Consultant's proposed amendments to Ypsilanti Township's Zoning Map to be consistent with the recommended addition to the Township's Zoning Code to the Township Board to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses; and

Whereas, proposed Ordinance No. 2019-487 has revised the current existing Ordinance in such a fashion as to incorporate the above changes recommended; and

Whereas, the Charter Township of Ypsilanti Board of Trustees (Board) agrees with the request of the Planning Commission; and

Whereas, Ecorse Road has a high concentration of automobile uses including nine (9) automobile repair shops, four (4) gas stations, and one (1) car wash that can meet the needs of the surrounding neighborhoods and more automobile uses will hinder the development of a pedestrian-friendly, walkable neighborhood corridor; and

Whereas, at its regularly scheduled meeting held June 18, 2019, the Board amended proposed Ordinance No. 2019-487 to remove Use Group Six (6), Automotive Uses, including automobile car wash and gasoline service station;

Now Therefore,

Be it resolved, that the Charter Township of Ypsilanti Board of Trustees does hereby approve Ordinance No. 2019-487 as attached, by amending the Zoning Ordinance to include Article XI-A of the Township's Zoning Code as noted, with proposed Ordinance No. 2019-487, which ordinance reflects the suggestions and input of the Township's Planning Consultant as recommended by the Commission.

CHARTER TOWNSHIP OF YPSILANTI

PROPOSED ORDINANCE 2019-487

Amending the Zoning Ordinance of the Charter Township of Ypsilanti to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses and to rezone Ecorse Road to be consistent with the Article XI-A Zoning Ordinance language.

SECTION 1. AMENDMENT TO TOWNSHIP ZONING ORDINANCE TO ADD ARTICLE XI-A:

ARTICLE XI – A ECORSE ROAD FORM BASED DISTRICT (ERFB)

SECTION 1140 - GENERAL INTENT AND PURPOSE

- A. Intent.** The **ECORSE ROAD FORM BASED DISTRICT (ERFB)** is intended to implement the vision established by the Township Master Plan and the E. Michigan Avenue and Ecorse Road Placemaking Plan, to transform the Ecorse Road corridor into a vibrant, dynamic area through placemaking and the attraction of new investment. The Ecorse Road Form Based District allows for the consolidation and creative redevelopment of parcels.

Development of buildings and sites, including retrofitting and redevelopment of existing sites and buildings, can include residential, retail, office, and service uses. Uses designed to support the residents and local workers are also encouraged, such as mixed-use developments with small scale retail or restaurant uses incorporated with housing units. The redeveloped corridor will help diversify the Township housing and commercial stock and incorporate architecturally interesting buildings.

Consolidation of parcels in the District is encouraged in order to provide for a quality and consistent development pattern. Incentives include additional building forms and more permitted uses.

- B. Purpose.** The general purpose of these regulations is as follows:
- a. Promote new investment opportunities by allowing a wide range of potential uses and techniques to expand the employment and economic base.
 - b. Ensure that development is of human scale, primarily pedestrian-oriented, and designed to create attractive streetscapes and pedestrian spaces.
 - c. Ensure that development is designed for all modes of transportation.
 - d. Promote mixed-use development.
 - e. Ensure reasonable transition between higher intensity development and adjacent neighborhoods.
 - f. Improve mobility options and reduce the need for on-site parking by encouraging all modes of transportation, through shared parking, and through on-street parking.

- g. Provide predictable development approval process.
- h. Encourage lot consolidation to provide for larger consistent developable sites.

C. Factors for Regulation. These regulations are based on two (2) significant factors: site context and building features.

- 1. Site context is derived from existing and desired characteristics of an area and recognizes the inherent conditions of the areas where these regulations are applied. Regulated sites types are organized by shape, size, orientation and location.
- 2. Building feature addresses the manner in which buildings and structures relate to their lots, surrounding buildings, and street frontage. The shape of the building, the land area to volume ratio, and the orientation of the building has a significant impact upon the character of an area. Building form standards control height, placement, building configuration, parking location, and building transparency applicable to the site context.

SECTION 1141 - APPLICABILITY AND ORGANIZATION

A. Applicability.

- 1. Any new use or expansion of existing use that requires site plan review shall comply with the requirements of this Article and other applicable requirements of this Ordinance.
- 2. The requirements of this Article shall not apply to:
 - a. Continuation of a permitted use within an existing structure.
 - b. Changes of use within existing structures that do not require increased parking.
 - c. Normal repair and maintenance of existing structures that do not increase its size or parking demand.

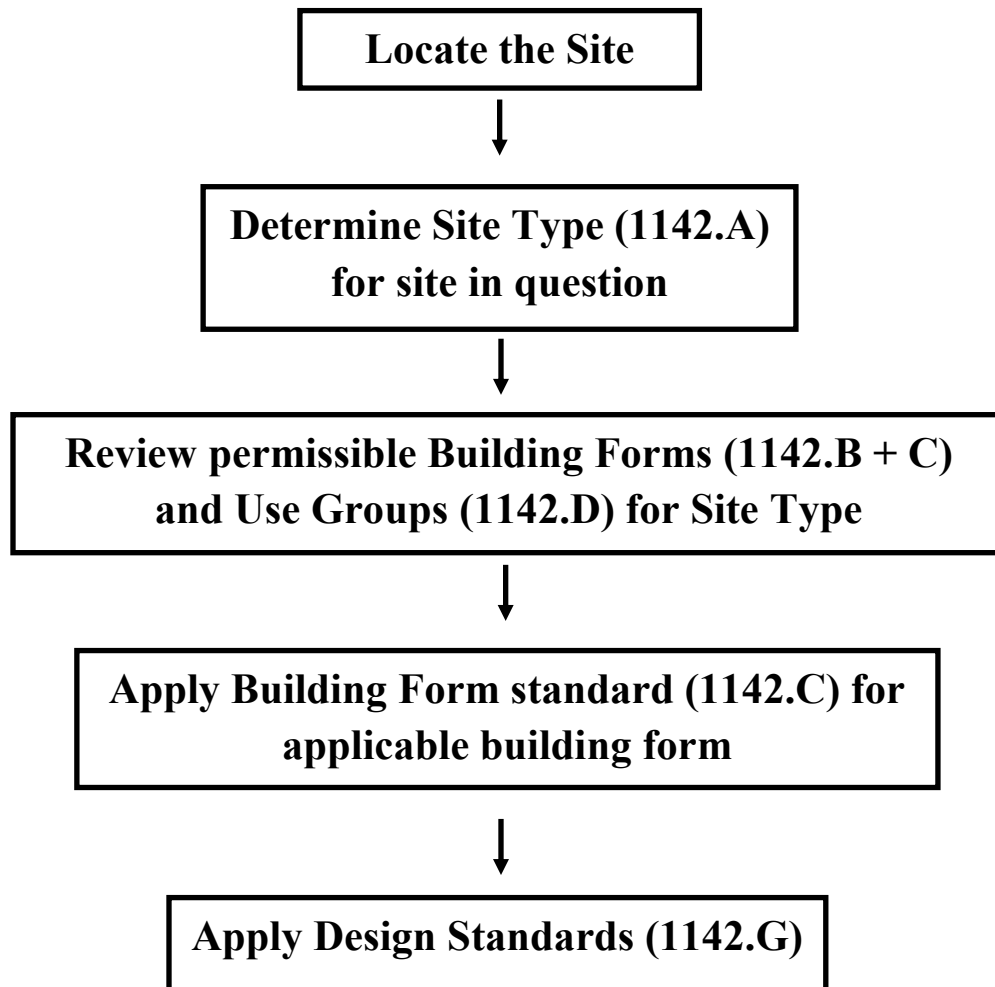
B. Regulating Plan. The Ecorse Road Form Based District shall be governed by a Regulating Plan that is specific to the area.

- 1. The Regulating Plan based on the site type determines building form and allowable use for each property within a form-based district
- 2. The Regulating Plan is based on three (3) factors: Site Type; Building Form; and Use Group.
 - a. **Site Types.** Site Types, as set forth in Section 1142.A, are determined by street orientation, lot size, lot configuration, location, and relationship to neighboring sites. Site type provides the basis for building forms and authorized use groups.
 - b. **Building Form Standards and Types.** Building form standards and types, set forth in Section 1142.B + C, establish the parameters for building form, height,

and placement, and are specifically applied to each district based upon the regulating plan.

- c. **Authorized Use Groups.** Authorized land uses are organized by use groups. Authorized use groups, as set forth in Section 1142.D, are specifically applied to each District based upon the regulating plan.

- 3. The steps to determine the regulations that apply to a specific property within a form-based district are as follows:
 - a. Find the site in question on the regulating plan map
 - b. Identify the site type for the site in question. Sites will be classified Site Type A, B, or C.
 - c. Consult the Use Groups and Building Forms Permitted table in which the site is located. The table will identify if a use group or building form is permitted, permitted with conditions, or not permitted for the site type and street type combination of the site in question.
 - d. Follow the regulations for the chosen building form when designing the development application. Building form regulations are established in Section 1142.B and 1142.C.
 - e. Follow the design standards as listed in Section 1142.G.
 - f. Obtain site plan approval or special use approval for the chosen building form and use, as appropriate.





Submit site plan for approval

- C. Design Standards.** General design standards, set forth in Section 11.42.G, are supplementary to other requirements of the Ordinance. Generally, the design standards regulate building placement, parking orientation, landscaping, and other site design requirements.
- D. Modification of District Boundaries.** Any modification to the boundaries of any form-based district shall require rezoning, in accordance with the provisions of Article XXVII, Changes and Amendments.
- E. Modification of Regulating Plan.** Specific building form, use group, and design standards applied within each Regulating Plan are based upon the designation of site type. Any modification of site type may be determined by the Planning Commission, notice and after conducting a public hearing in accordance with Sec. 2703.

The Planning Commission shall consider the following in making a determination to modify a site type or street type designation:

1. The applicant’s property cannot be used for the purpose permitted in the form-based district.
 2. Area has been added to or deleted from the subject property in question, requiring the modification.
 3. The proposed modification and resulting development will not alter the essential character of the area.
 4. The proposed modification meets the intent of the district.
 5. Existing streets have been improved and/or new streets constructed that may result in the modification of a specific site type.
 6. Modification to the Regulating Plan is in conformance to the Master Plan and Placemaking Plan.
- F. Nonconformities.** Nonconformities shall be regulated in accordance with Article XXII of the Zoning Ordinance.

SECTION 1142 - STANDARDS

A. Site Types

1. **Site Type A** (neighborhood residential or mixed-use sites)

Site Type A is composed of lots one-half (0.5) acre or smaller and is reserved primarily for residential use and for smaller non-residential use which is compatible with a residential setting. Site Type A is generally located in areas which serve as a transition between the Ecorse Road and neighboring residential areas. The building form selected for these sites must consider both the front elevation that fronts on the street but also the rear/side elevation that is adjacent to residential in order to maintain compatibility with adjacent uses.

2. **Site Type B** (neighborhood commercial/office or mixed-use sites)

Made up mostly of lots between one-half (0.5) and one (1) acre in area, the Site Type B category may include free standing single-use sites developed for commercial and office uses serving the surrounding neighborhood or mixed-use developments. Size and character may vary based on the unique characteristic of each parcel. Small retail and food-service uses would often be found in this category, as well as small single or multi-tenant commercial or office buildings.

3. **Site Type C** (Community commercial/office and mixed-use sites)

The sites in Site Type C are mostly larger than one (1) acres in area. Site Type C size and character may vary based on the unique characteristic of each parcel. This category can include free standing single-use or mixed-use developments that are designed to serve a broader community-wide market.

B. Building Form Standards.

1. The ERFC district permit a series of building forms, dependent on the site context. The building forms, set forth in 1142.C, are designated within the district location based on the regulating plan. Building forms are classified in the following manner:
 - a. Permitted Building Forms. These building forms are permitted as of right in the locations specified.
 - b. Prohibited Building Forms. Building forms that are not identified as permitted in the locations specified are prohibited.
 - c. Exceptions: For all building forms in all locations, awnings, signs, other projections (architectural projections, bay windows, etc.) may project beyond the required building line by up to 5 feet. Projections will be reviewed by the Township to ensure public safety.
2. The regulating plan dictates the site type for each individual property in the district. Building forms are identified within each district as permitted or not permitted based upon the site type.
3. Non-Residential Development Height, Setback, and Greenbelt Provisions when adjacent to any Residentially Zoned or Used Property.
 - a. Setback and Greenbelt:

- i. Site Type A and B. The following setback and greenbelt shall be provided for any parcel zoned Site Type A or B that is adjacent to a residentially zoned or used parcel.
 - a. When a parcel is abutting or adjacent to a residentially zoned or used parcel without an intervening constructed alley or street, the building setback from the property line of the residentially zoned or used parcel shall be no less than the height of the building on the parcel zoned ERFB.
 - b. When a parcel is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, a minimum 10-foot landscaped greenbelt shall be maintained from the property line of the residentially zoned or used parcel. The greenbelt shall be landscaped and screened with a solid fence or decorative wall up to six feet in height erected parallel to any common lot line, with a ten-foot wide planting strip along the base of the wall or fence that consists of one evergreen tree and one canopy tree per 30 lineal feet along the property line.
 - c. The Planning Commission may deviate from these setback and greenbelt provisions in the course of its site plan review process; however, the Planning Commission shall not permit a setback or greenbelt that is less than required in the building form. In the review of the deviation, the Planning Commission shall consider the standards as set forth in Section 1142.B.3.b.
- ii. Site Type C. The following setback and greenbelt shall be provided for any parcel zoned Site Type C that is adjacent to a residentially zoned or used parcel.
 - a. When a property is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, the setback from the property line of the residentially zoned or used parcel shall be no less than 1.5 times the height of the building on the non-residential parcel.
 - b. When a property is abutting or adjacent to a residentially zoned or used parcel without an intervening alley or street, a minimum 20-foot landscaped greenbelt shall be maintained from the property line of the residentially zoned or used parcel. The greenbelt shall be landscaped in accordance with Section 2108.C.
 - c. The Planning Commission may deviate from these setbacks and greenbelt provisions in the course of its site plan review process; however, the Planning Commission shall not permit a setback or greenbelt that is less than required in the building form. In the review of the deviation, the Planning Commission shall consider the standards set forth in Section 1142.B.3.b.

- b. Deviation Standards:
 - i. Height, setback, and greenbelt deviations may be granted by the Planning Commission if the following is found:
 - a. The deviation shall not adversely impact public health, safety, and welfare.
 - b. The deviation shall maintain compatibility with adjacent uses.
 - c. The deviation shall be compatible with the Master Plan and in accordance with the goals and objectives of the Master Plan and any associated subarea and corridor plans.
 - d. The deviation shall not adversely impact essential public facilities and services, such as: streets, pedestrian or bicycle facilities, police and fire protection, drainage systems, refuse disposal, water and sewage facilities, and schools.
 - e. The deviation shall be in compliance with all other zoning ordinance standards.
 - f. The deviation shall not adversely impact any on-site or off-site natural features.

C. Building Form Types

**Table 1142a-1
Building Form A.1**

Building Form A.1: Small, generally single-purpose buildings for residential. Typically situated on a smaller lot, adjacent to single family residential.

Building Height

Minimum 1 story, 14-foot height, Maximum 2 stories, 28-foot height (Site type A & B), Max: 2 stories, 38-foot height (Site type C)

Building Placement

Front Yard: 10-foot required build-to line ¹
75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration.

Side Yard: No minimum side setback
if provided, minimum 5 feet.
For corner lots, side street yard, minimum 5 feet.

Rear Yard: Minimum 10-foot rear setback

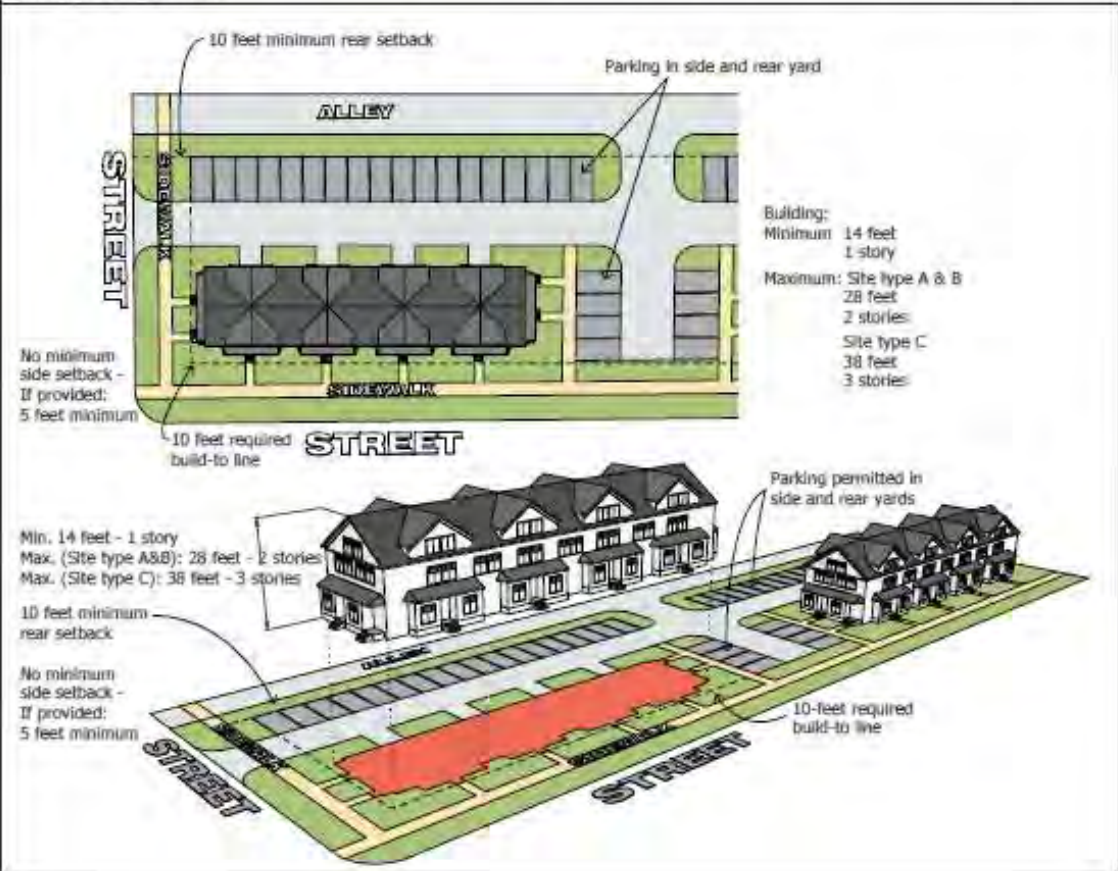
Lot

Impervious Surface: Maximum 80%

Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.

Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.

¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafés or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.



**Table 1142a-2
Building Form A.2**

Building Form A.2: Small, generally single-purpose buildings for retail, office, restaurant, or service uses. Typically situated on a smaller lot within the district. Adjacent to single-family residential.

Building Height

Minimum 1 story, 14-foot height, Maximum 2 stories, 30-foot height

Building Placement

Front Yard: 10-foot required build-to line¹. 75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration.

Side Yard: No minimum side setback. If provided, minimum 5 feet. For corner lots, side street yard, minimum 5 feet.

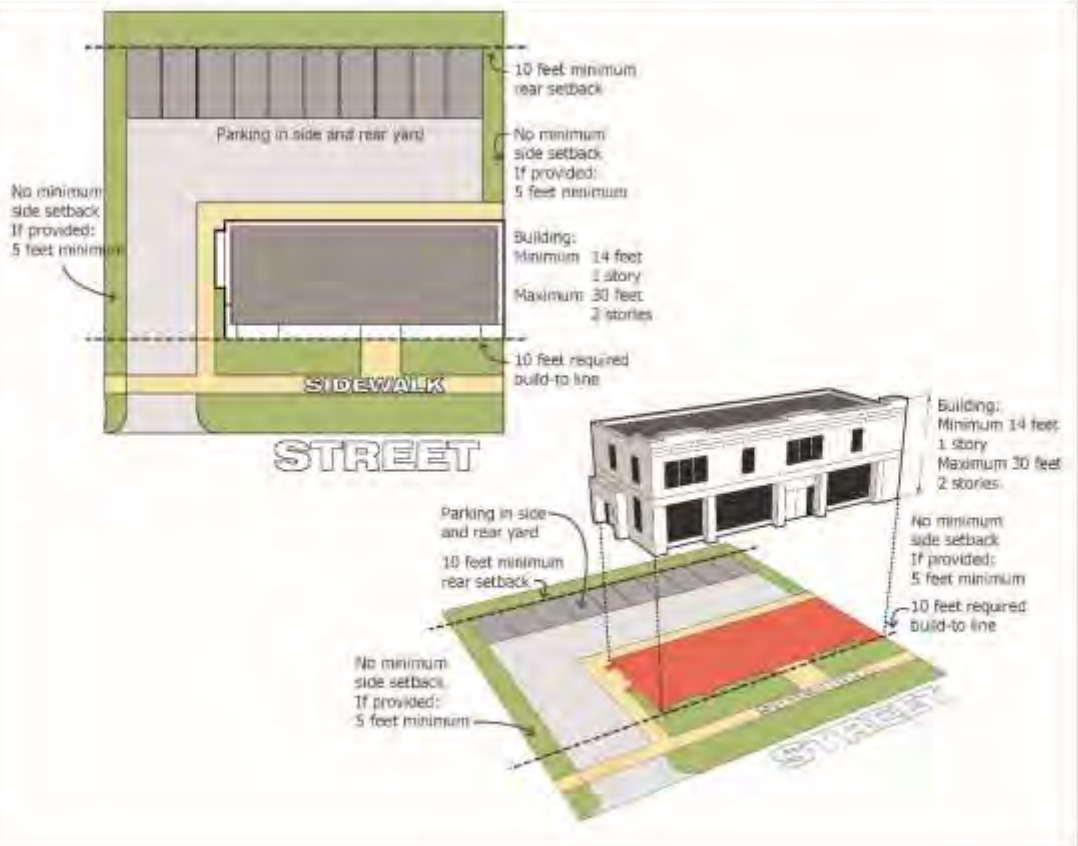
Rear Yard: Minimum 10-foot rear setback.

Lot

Impervious Surface: Maximum 80%.
Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.

Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.

¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafes or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.



**Table 1142a-3
Building Form B**

Building Form B: Small, generally single-purpose buildings for retail, office, restaurant, or service uses. Typically situated in an out lot of a larger classification building form, or on a smaller, more remote site location within the district.

Building Height

Minimum 1 story, 14-foot height, Maximum 2 stories, 28-foot height (Site type B), Max: 3 stories, 38 foot height (Site type C)

Building Placement

Front Yard: 10-foot required build-to line ¹ 75% of the building façade must meet the required build-to line, while up to 25% of the façade can be setback to allow for architectural consideration	Side Yard: No minimum side setback If provided, minimum 5 feet	Rear Yard: Minimum 10-foot rear setback
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Lot

Impervious Surface: Maximum 80% Access and circulation: Driveways may access the site from any side, pedestrian pathways must be provided from the right-of-way.	Parking location: Parking shall be located in a side or rear yard; when located in a side yard and abutting the required build-to line adjacent to the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line.
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¹ The Planning Commission may adjust the required build-to line to a maximum of 30 feet beyond the property line for projects incorporating a permanent space for an outdoor café, public space, or a cross access drive with an adjacent parcel. Outdoor cafés or public spaces must be developed as part of the primary building and must incorporate a permanent wall or landscaping area along the required build-to line.

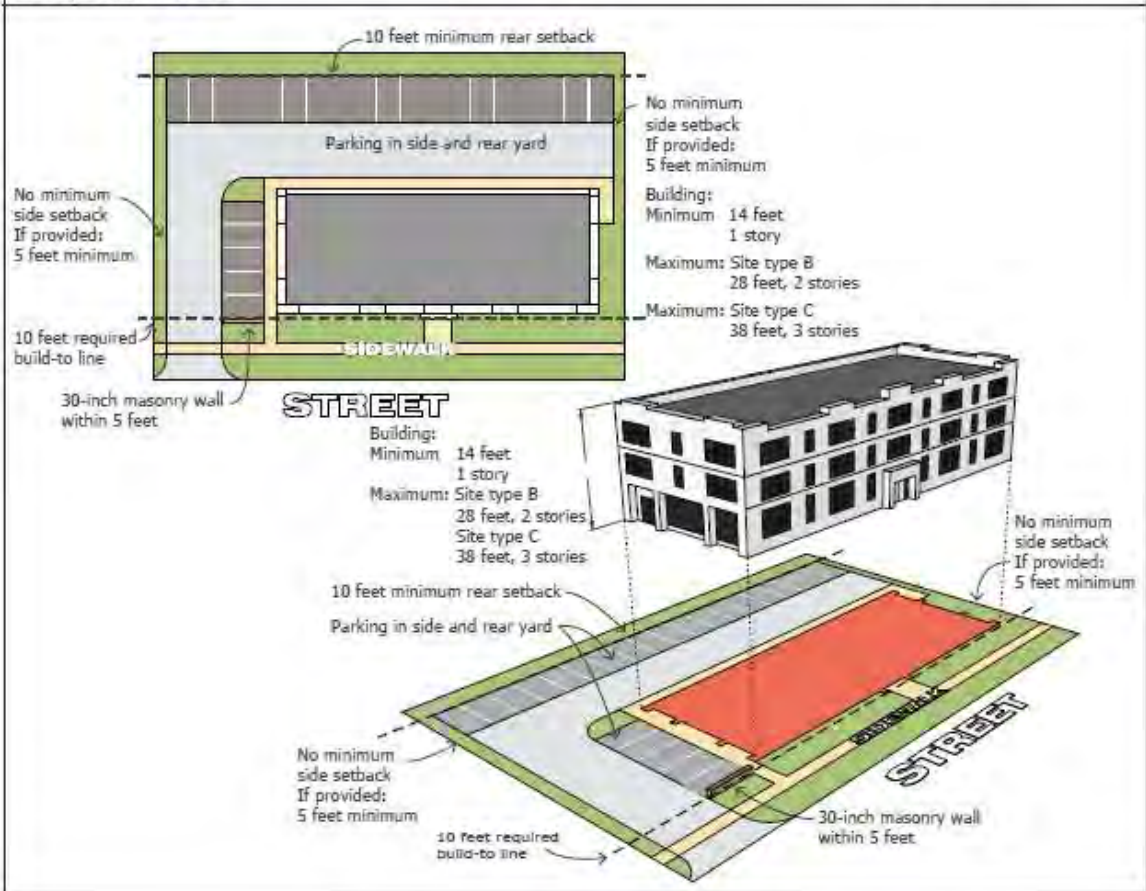


Table 1142a-4 Building Form C		
Building Form C: Single or multiple-tenant buildings for retail, restaurant, office, service, or residential uses. This category also includes multiple-tenant development, although it requires a second story to encourage a mix of use.		
Building Height		
Minimum 1 story, 14-foot height, Maximum 3 stories, 38-foot height, Ground floor 14-foot minimum height		
Building Placement		
Front Yard: Maximum 60-foot required build-to line.	Side Yard: No minimum side setback If provided, minimum 5 feet	Rear Yard: Minimum 30-foot rear setback
Lot		
Impervious Surface: Maximum 80%	Parking location: Parking may be located in any yard; when located in a front or side yard adjacent to the primary building and abutting the right-of-way, parking shall be screened with a minimum 30-inch masonry wall on the required build-to line, or within 5 feet of the required build-to line, provided that a landscape treatment is added between the wall and the required build-to line; if parking is provided in the front yard only 1 row is permitted	
<p>30 feet minimum rear setback</p> <p>No minimum side setback</p> <p>60 feet required build-to line</p> <p>Cross access</p> <p>Parking in any yard</p> <p>No minimum side setback - if provided 5 feet minimum</p> <p>30-inch masonry wall within 5 feet</p> <p>30 feet minimum rear setback</p> <p>No minimum side setback - if provided 5 feet minimum</p> <p>60 feet required build-to line</p> <p>30-inch masonry wall within 5 feet</p> <p>Cross access</p> <p>Building Minimum 14 feet Maximum 38 feet 3 stories</p> <p>If parking provided in front yard, only 1 row permitted</p>		

D. Authorized Use Groups.

1. Authorized uses are categorized by use groups as set forth in Table 1142.D. Use groups generally contain similar types of uses in terms of function, character, and intensity.
2. Use groups are designated in locations within each district based on the regulating plan. Use groups are classified in the following manner:
 - a. Permitted Use Groups. These use groups are permitted as of right in the locations specified.
 - b. Special Use Groups. These use groups are permitted after review and approval by the Planning Commission, in accordance with the procedures set forth in Section 2119 and the standards in this Ordinance.
 - c. Prohibited Use Groups. These use groups not indicated as permitted are prohibited in the locations specified.
 - d. Uses permitted in all locations within the District. Public parks and essential public services are permitted by right in all locations.
 - e. Similar Uses. If a use is not listed but is similar to other uses within a use group, the Zoning Administrator may make the interpretation that the use is similar to other uses within a use group.

The Zoning Administrator may also make the determination whether the use is permitted as of right, permitted in upper stories only, or permitted as a special use. The Zoning Administrator may obtain a recommendation from the Planning Commission as to whether or not the proposed use is similar to a use permitted as of right, permitted in upper stories only, or permitted as a special use.

**Table 1142.D
Use Groups by Category**

Use Group 1 Residential Uses:
One-Family detached and attached dwellings, subject to regulations in Section 1801
Two-Family dwellings
Use Group 2 Misc. Residential / Related Uses:
Multiple-Family dwellings
Live/Work units
Child care centers, subject to regulations in Section 1861
Bed and Breakfast, subject to regulations in Section 1808

Use Group 3
Office / Institutional:
Civic Buildings
General office
Professional and medical office
Primary/secondary schools (private)
Publicly owned/operated office and service facilities
Veterinary clinics or veterinary hospitals, subject to regulations in Section 1820 and Section 1821, respectively
Use Group 4
Retail, Entertainment, and Service Uses:
Financial institutions
General retail
Food use without a drive-through
Personal services
Business services
Use Group 5
Misc. Uses:
Commercial kennels / pet day care
Medical Clinics and Hospitals
Technology centers / office research / data center
Funeral homes
Senior assisted/independent living
Group day care homes, subject to regulations in Section 1861
Lodging
Places of Worship
Fitness, gymnastics, and exercise centers
Theatres and places of assembly
Indoor commercial recreation establishments
Use Group 6
Automotive Uses:
Automobile car wash, subject to conditions in Section 1833
Gasoline service station, subject to conditions in Section 1829

E. Ecorse Road Form Based Code District Regulating Plan



F. Ecorse Road Form Based Code District Regulating Plan Table

Site Type	Building Form		Use Group	
			Permitted Use Group	Special Use Group
Site Type: A	Permitted Building Form	A1, A2	Permitted Use Group	1, 2, 3, 4
			Special Use Group	—
Site Type: B	Permitted Building Form	A1, A2, B	Permitted Use Group	2, 3, 4
			Special Use Group	6
Site Type: C	Permitted Building Form	B, C	Permitted Use Group	2, 3, 4
			Special Use Group	5, 6

G. Design Standards. In addition to standards set forth in this Ordinance, all proposed development shall comply with the standards set forth herein.

1. **Pedestrian/Non-Motorized Access**

- a. **Intent.** To ensure that site layout and building design provides safe and convenient pedestrian and bicycle access both to and within a site and between adjacent sites.
- b. **Standards**
 - i. A pedestrian connection shall provide a clear connection between the primary street upon which the building fronts and the building. Connection may include pavement striping.
 - ii. Pedestrian access shall be clearly identified from parking areas and all entrances to a building.
 - iii. Where appropriate, sidewalks fronting the public right-of-way should be designed to accommodate space for activities such as outdoor dining.
 - iv. All sites shall provide a bike rack for at least two (2) bicycles within fifty (50) feet of the building entrance.

2. **Building Placement and Orientation**

- a. **Intent.** To require building placement that provides a strong visual and functional relationship with its site, adjacent sites, and the primary street upon which the site is located. Ensure consistency within sites and to adjacent sites to provide distinct building groups which exhibit similar orientation, scale, and proportion.
- b. **Standards**
 - i. Setbacks and building orientation shall reinforce a consistent pattern of siting.
 - ii. Primary building entrances shall be located so that they are easily identifiable with convenient public access.
 - iii. Buildings should enhance street corners through the use of prominent architectural or site features.

3. **Parking Placement, Orientation, and Screening**

- a. **Intent.** To provide a circulation system that efficiently moves vehicles in a well-defined manner, while reducing the visual impact of parking areas and mitigating conflict between pedestrians, bicycles, and automobiles.
- b. **Standards**

- i. Required Parking. Off-street parking shall be provided for a principal use erected, altered, or expanded after the effective date of this Ordinance in accordance with the standards set forth in Sec. 2104.
 - a. The Form Based districts are intended to encourage pedestrian and friendly design and compact mixed-use developments. Applicants are encouraged to consider the provisions for shared parking and flexibility in application set forth in Sec. 2104.
 - b. The placement and design of parking areas and structures shall foster safe pedestrian access and circulation and clearly identifiable public access and visitor parking. Pedestrian access shall be provided between all parking areas and public building entrances. .

- ii. **Location**

- a. When parking is located in a side yard (behind the front building line) but fronts on the required building line, no more than twenty-five (25) percent of the total site's linear feet along the required building line or sixty (60) feet, whichever is less, shall be occupied by parking.
- b. For a corner lot, no more than twenty-five (25) percent of the site's cumulative linear feet along the required building lines or sixty (60) feet, whichever is less, shall be occupied by parking. The building shall be located in the corner of the lot adjacent to the intersection.
- c. Where off-street parking is visible from a street, it should be screened in accordance with the standards set forth in 2108.

4. **Architectural Design and Building Materials**

- a. **Intent.** To create a character for the form-based district that encourage the greatest amount of visual interest, architectural consistency, and high-quality material use. The standards are not intended to limit imagination, innovation, or variety.

- b. **Architectural Design Standards**

- i. **Building Massing and Scale**

- a. Rooflines and pitches shall be proportionate to nearby structures so as to provide transition or mitigation of significant changes to scale. Variety in massing can occur though step-backs as a building ascends upward

- b. Buildings shall maintain a consistent street wall with the longest edge of the buildings oriented parallel to the roadway, where possible.
- c. Buildings within the same development shall be designed to provide a unified and easily identifiable image. Methods to achieve this include using similar architectural styles and materials, complementary roof forms, signs, and colors.

ii. **Façade Variation.**

- a. Façade articulation or architectural design variations for building walls facing the street are required to ensure that the building is not monotonous in appearance, using the following architectural techniques: Building wall offsets (projections and recesses); cornices, varying building materials or pilasters used to break up the mass of a single building; staggering of vertical walls; recessing of openings; providing upper-level roof overhangs; contrasting compatible building materials; use of variety and rhythm of window and door openings; use of horizontal and vertical architectural elements, use of horizontal bands of compatible colors; and providing changes in roof shape or roof-line.
- b. Materials shall be selected for suitability to the type of buildings and the architectural design in which they are used.
- c. Material selection shall be consistent with architectural style in terms of color, shades, and texture, however monotony shall be avoided.

5. **Transparency**

- a. **Intent.** The first floors of all buildings shall be designed to encourage and complement pedestrian-scale activity and crime prevention techniques. It is intended that this be accomplished principally by the use of windows and doors arranged so that active uses within the building are visible from or accessible to the street, and parking areas are visible to occupants of the building.
- b. **Transparency Standards.** These standards apply only to buildings with non-residential uses on the ground floor:
 - 1. Façade transparency shall be defined as the use of glass or transparent material that provides from the building exterior a view into the building of interior habitation and human scale. Signs covering windows, and the use of tinted, reflective or opaque glass do not meet the definition of façade transparency.
 - 2. The first floors of all buildings shall be designed to encourage and complement pedestrian-scale activity and crime prevention

techniques. It is intended that this be accomplished principally by the use of windows and doors arranged so that active uses within the building are visible from or accessible to the street, and parking areas are visible to occupants of the building. The first floor of any front façade facing a right-of-way shall be no less than fifty (50) percent windows and doors, and the minimum transparency for facades facing a parking area shall be no less than thirty (30) percent of the façade.

3. First-floor transparency is measured between two and eight feet above the first-floor elevation.
4. Nothing shall be placed on or inside window to reduce transparency less than the 50% requirement.
5. For multiple tenant buildings, the minimum transparency requirement must be met by each suite or tenant.

6. **Landscaping**

- a. **Intent.** To incorporate appropriate landscaping to enhance visual appearance, provide transitions between properties, and screen unsightly areas
- b. **Landscaping Standards.**
 1. In addition to the standards set forth in Sec. 2108, the following standards shall be met.
 2. Landscaping shall conform and incorporate existing landscape and topographic features.
 3. Landscaping within courtyards, patios, and pedestrian realm may include hardscape and softscape materials.
 4. Landscaping shall maintain adequate sight lines for visual safety, visibility and efficient security.
 5. Landscaped areas, including landscaped parking islands and medians, shall be separated from vehicular and pedestrian encroachment by curbs and raised planting areas.

8. **Loading and Storage Areas**

- a. **Intent.** To ensure that loading, storage, and other building utility features are designed to be a part of the overall building as so to reduce the visual impact
- b. **Standards**
 1. **Utilities and Mechanical Screening**

- a. Utility structures located between the building and the public right-of-way shall be screened as set forth in Article XXI. Screening may include walls, fencing, or landscaping that is consistent with the character and materials of the development.
- b. Trash enclosures shall be placed adjacent to the rear wall of corresponding buildings or shall be located away from portions of the site which are highly visible from public roadways or private properties with dissimilar improvements. Trash enclosures shall be screened as set forth in Article XXI with walls, fencing or landscaping that are consistent with the character and materials of the development.

2. Loading

- a. Service areas shall be designated by markings and/or signage to delineate them from pedestrian access and limit conflicts between service/delivery vehicles and patrons (e.g. pedestrians, bicyclists and transit users).
- b. Loading and service areas shall be located on the sides or rears of the buildings.
- c. Loading and service areas shall be screened from the public right-of-way with the use of fencing, landscaping, or walls.

SECTION 4. PUBLICATION. This ordinance shall be published in a newspaper of general circulation as required by law.

SECTION 5. EFFECTIVE DATE: This ordinance shall become effective upon publication in a newspaper of general circulation as required by law.

SECTION 6. REPEAL: All Ordinances or parts of Ordinances in conflict herewith are hereby repealed.

CHARTER TOWNSHIP OF YPSILANTI

OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement • Police Services

To: Karen Lovejoy Roe, Clerk
From: Charlotte Wilson, AICP, Planning and Development Coordinator
Re: **Request to approve the 2nd Reading of Resolution 2019-26, Proposed Ordinance 2019-487, amending the Zoning Ordinance to add Article XI-A – Ecorse Road Form Based District to enact form-based zoning and updated uses and to rezone Ecorse Road to be consistent with the Article XI-A Zoning Ordinance language.**
Copy: McLain & Winters, Township Attorneys
Date: July 8, 2019

At the June 18, 2019 Township Board meeting, staff was directed to remove “Use Group 6 Automotive Uses”, including automobile car washes and gasoline service stations, as permitted special uses in the proposed amendments to the Township's Zoning Code to add Article XI-A – Ecorse Road Form Based District. The revised amendments are attached.

On July 5, 2019, staff surveyed the portion of Ecorse proposed for rezoning, through a field study and GoogleMaps, to determine the number of automotive establishments - nine (9) automobile repair shops, four (4) gas stations, and one (1) car wash. For a full list of the automotive establishments, please contact me. Please note that the revised resolution states that Ecorse Road has a high concentration of automobile uses that can meet the needs of the surrounding neighborhoods and more automobile uses will hinder the development of a pedestrian-friendly, walkable neighborhood corridor.

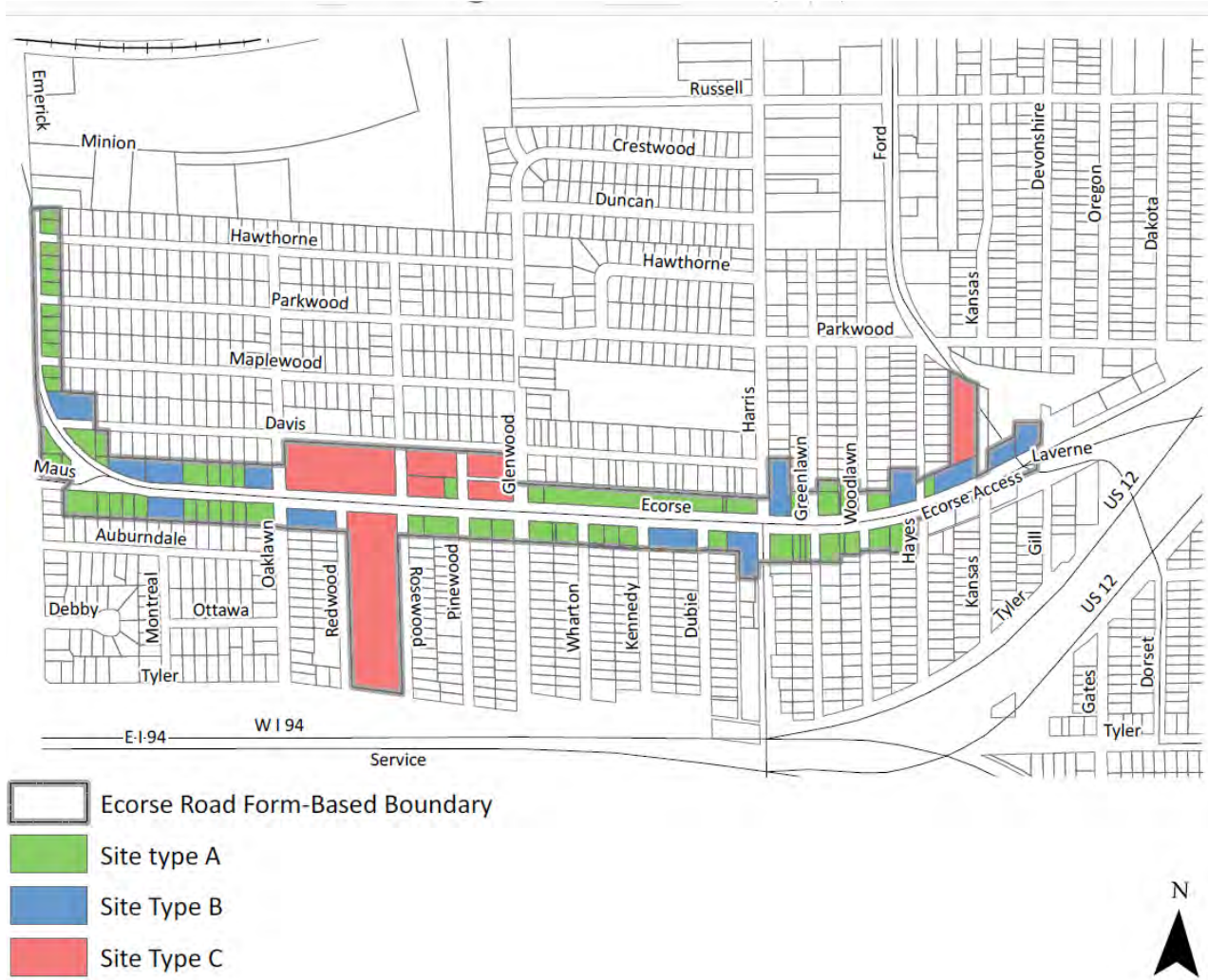
The enclosed packet includes the following components:

1. Resolution and ordinance (clean version) 7/8/19
2. Resolution and ordinance (red lined version) 7/8/19

For additional background information, please refer to the June 7, 2019 cover letter in the June 18, 2019 Township Board packet.

CHARTER TOWNSHIP OF YPSILANTI

For reference the rezoning map is shown below:



I respectfully request that you place this information packet and recommendation for approval on the **July 16, 2019** Board of Trustees meeting agenda for its consideration. Please contact me with questions or concerns.



Office (734) 544-4225
Fire Chief (734) 544-4110
Fire Marshal (734) 544-4107
Fax (734) 544-4195

FIRE DEPARTMENT
222 SOUTH FORD BOULEVARD
YPSILANTI, MICHIGAN 48198-6067

June 7, 2019

Charter Township of Ypsilanti
Supervisor Brenda Stumbo and Trustee Board
7200 S. Huron River Drive

In service to the Township, I am requesting at the June 18, 2019 Township Board regular meeting to present the following item(s) for consideration:

Authorization to accept the Spartan ER – Zahnen Companies bid proposal for a new stock unit fire/rescue engine **SO# 518025** for \$515,000 budgeted in line 206-970-000-979-000 CAPITAL OUTLAY FIRE APPARATUS in FY 2019 - FIRE FUND 206. See attachments:

- 2019 Engine Replacement - PowerPoint
- Spartan ER Bid Proposal
- Spartan S-180 / Model #2106-04 Customer View Specifications
- Spartan S-180 / Model #2106-04 Chassis Spec / photos

The new fire engine will replace the current Engine 14-4 housed at the Textile Rd fire station. The new stock unit truck will require lettering, graphics, equipment, and some re-fabrication of storage, hose and tools compartments. The installation of communication equipment, compartment storage tracking and a pump-compartment heater are included in the total cost of the proposal. This proposal is under budget and delivery is in 3-4 months.

The Fire Chief & Truck Committee members will utilize a PowerPoint presentation.

Thank You,

Eric Copeland
Fire Chief

ERC;

Bid Proposal



Gentlemen / Ladies: On June 5, 2019

The undersigned is prepared to manufacture for you, upon an order being placed by you, for final acceptance by **Spartan ER** at its main office in Brandon, South Dakota, the apparatus and equipment herein named and for the following prices:

One (1) Spartan Metro-Star EMFD Custom Chassis with a Flat Roof.

One (1) Tubular Aluminum body with a 1000-gallon poly booster tank.

One (1) 1500 GPM Waterous single stage pump.

All equipment specified in the bid packet.

TOTAL DELIVERED PRICE: \$515,000.00
Stock Unit SO# 518025
Subject to Prior Sale

Note: No State, Federal or local taxes are included.

Note: Discounts are listed in the bid packet.

Said apparatus and equipment are to be built and shipped in accordance with the specifications hereto attached, delays due to strikes, war or other causes beyond our control not preventing, within **90 to 120** calendar days after receipt of this order and the acceptance thereof at our offices at Brandon, South Dakota, and to be delivered to you at,


The Ypsilanti Township Michigan Fire Department.

The specifications herein contained shall form a part of the final contract, and are subject to changes desired by the purchaser, provided such alterations are interlined prior to the acceptance by the company of the offer to purchase, and provided such alterations do not materially affect the cost of the construction of the apparatus.

Unless accepted within **30** days from this date, the right is reserved to withdraw this proposal.

SPARTAN ER



By 
Michael R Zahnen

2019

Engine Replacement

- A. CURRENT FIRE DEPARTMENT FLEET LISTING
- B. FACTORS OF REPLACEMENT
- C. COMMITTEE RESEARCH: Truck Specifications, Type, Size, Etc.
- D. STOCK TRUCK SPECIFICATIONS, COST SUMMARY and COMPARABLES
- E. COMMITTEE RECOMMENDATION

Fire Department Vehicle Fleet

YEAR	MAKE	MODEL	DESIGNATION	PLATE	AGE
2015	Spartan	Gladiator	Frontline E14-1	044x446	3yrs
2008	Crimson	Gladiator	Frontline E14-3	044x445	11yrs
2008*	Crimson	Gladiator	Frontline E14-4	044x446	11yrs
1999	American LaFran	Pumper	Reserve E14-5	044x448	20yrs
1999	American LaFran	Telesquirt	Reserve L14-1	044x447	20yrs
1990** * replacement ** retirement	Spartan	Pumper	Reserve E14-2	044x444	29yrs

2008 Crimson "Gladiator" Engine 14-4



Replacement Factors/Indicators

- Use: type / no.# / area of responses annually
 - * largest response area for travel distances
 - * limited water supply areas
 - * rise in response calls
- Annual Maintenance & Legacy (aging) Costs
 - * 12 - 15 year frontline shelf life expectancy
 - * Increased responses = Increased wear & tear, upkeep

Committee Research

Specifications development basis:

- Response and Performance objectives
- Equipment and Staff use
- Size and Weight
- Storage capacity

Considerations included:

- Construction features
- Engineering
- Warranty
- Maintenance
- Delivery time*

Committee Research Specifications

- Allison Transmission
- Cummins Diesel Engine (450 hp)
- Waterous Pump (1500 gpm)
- UPF Water Tank (1000 gallon*)
- Heavy Duty (Air Ride) Suspension (47,000+/- lb. GVW) Independent front @ 20,000 lbs. - Rear 27,000 lbs.
- Braking: 4 wheel disc brakes
- Compartment storage - 250 cu/ft. minimum
- Equipment List: Pump compartment heater, Thermal Imaging Camera, battery operated tools - lights, fans, saws and fabricated EMS compartment in cab*.

Vendor Truck Specifications

- Stock item - pre-constructed available on 1st come 1st served basis.
- Meets Truck Committee base Specifications:
 - > 450 HP Diesel engine
 - > 4 passenger / full tilt cab
 - > 250 cu/ft compartments
 - > 750 - 1000 gl water tank
 - > 1500 GPM Pump
 - > Size: 32 ft length/10 ft width
 - > 45,000 GVM
 - > Warranties

Stock Truck Cost Summary

Stock unit SO# 518025 MetroStar EMFD \$447,500

Equipment: TFT Monitor Package w/pistol grip nozzle, LED flashlights w/charger, PPV fan, battery operated portable scene lights and saws, booster hose, wireless headsets (4), TFT PIV valves w/caps, Thermal Imaging Camera, Pac Trac tool board, generator, etc. \$50,000

Modifications: Install Cab dog-house console and pump compartment heater, add (2) duplex receptacles, mount Pac Trac tool boards in compartments, fabricate rear cab EMS compartment, Lettering/Striping/Graphics (Rosie), installation of Department VIU, computer mount, radios, antennas, Knox Box, pump heater, final inspection trip for two (2) people. \$17,500

Costs: Stock unit + Equipment + Modifications \$515,000

Stock Truck Cost Summary

TOTAL COST = \$515,000

Stock unit

Cost: \$447,500

- Stock unit SO# 518025
MetroStar EMFD

Equipment

Cost: \$50,000

- TFT Monitor Package w/pistol grip nozzle
- LED flashlights w/charger
- PPV fan
- Battery operated portable scene lights and saws
- Booster hose,
- Wireless headsets (4)
- TFT PIV valves w/caps
- Thermal Imaging Camera
- Pac Trac tool board
- Generator, etc.

Modifications

Cost: \$17,500

- Install Cab dog-house console and pump compartment heater
- Add (2) duplex receptacles,
- Mount Pac Trac tool boards in compartments
- Fabricate rear cab EMS compartment
- Lettering/Striping/Graphics (Rosie)
- Installation of Department VIU, computer mount, radios, antennas, Knox Box, pump heater,
- final inspection trip for two (2) people.

Comparable Cost Summary (HGACby.com)

VENDOR	TRUCK	EQUIPMENT	MODIFICATIONS	TOTAL COST
E- One Code: FS17HE04	Cyclone \$463,200 4dr, aluminum cab & body, *1250gpm mid pump	Static - \$50,000	Static - \$17,500 plus upgrade charges.	\$530,700
Pierce Code: FS17TC07	Dash CF \$559,450 4dr, aluminum cab & body, *1250gpm mid pump	Static - \$50,000	Static - \$17,500 plus upgrade charges.	\$576,950
Smeal Code: FS17ZC04	MetroStar \$453,605 4dr, aluminum cab & body, *1250gpm mid pump	Static - \$50,000	Static - \$17,500 plus upgrade charges.	\$521,005

Committee Recommendation

Information gathered based on annual response data, geographic and topographic limitations, maintenance & service contracts, total costs, warranty schedules and staff input the Truck Committee recommends authorizing acceptance of Spartan ER bid proposal for purchase of a stock unit Fire Engine / Pumper available June 15th 2019.

Committee Members:	Fire Chief Eric Copeland	Firefighter Steve Hubbard
	Fire Marshal Dan Kimball	Firefighter David
Brouillette		
	Fire Captain Fred Anstead	

NEW BUSINESS



MEMORANDUM

To: Charter Township of Ypsilanti Trustees
From: Fire Chief Eric Copeland
Date: July 10, 2019
Subject: Fire Truck purchases.

At the July 16th, 2019 Township Board meeting I am requesting authorization to waive the YT financial policy and sign purchase agreement contract with Zahnen Companies to purchase two (2) fire (engine) trucks in the amount of \$1,025,000 budgeted in line #206-970-000-979-000 **CAPITAL OUTLAY – FIRE APPARATUS – FY 2019** at \$525,000. The remainder \$500,000 to come from **APPROPRIATED PRIOR YEAR BALANCE #206-000-000-699-000 – FY 2019** and reimbursed Fund Balance from allocations budgeted in **CAPITAL OUTLAY – FIRE APPARATUS – FY 2020**.

Thank you,

Fire Chief Eric Copeland

McLAIN & WINTERS

ATTORNEYS AND COUNSELORS AT LAW

61 N. HURON
YPSILANTI, MICHIGAN 48197
(734) 481-1120

DENNIS O. McLAIN
WM. DOUGLAS WINTERS
ANGELA B. KING

FAX (734) 481-8909
[E-MAIL: mcwinlaw@gmail.com](mailto:mcwinlaw@gmail.com)

June 30, 2019

Brenda L. Stumbo, Supervisor
Karen Lovejoy Roe, Clerk
Larry Doe, Treasurer
Charter Township of Ypsilanti
7200 S. Huron River Dr.
Ypsilanti, MI 48197

Eric Copeland, Fire Chief
Dan Kimball, Fire Marshal
Fred Anstead, Captain

- Re: 1. Confirmation that Subsequent to the June 18, 2019 Meeting of the Ypsilanti Township Board of Trustees Regarding the Request of the Fire Department for the Township to Purchase Two “New Stock Unit Fire/Rescue Engines” from Spartan Motors Inc. I Have Received Voluminous Contractual Documents from YTFD Fire Captain Fred Anstead in Support of Said Request**
- 2. Confirmation that I Have Reviewed the Contract Along with All of the Separate Warranties in Support of Captain Anstead’s Request Which, for the Most Park, is in Proper Form to be Considered by the Township Board of Trustees at Its Regular Meeting Scheduled for Tuesday, July 16, 2019 so Long as Spartan Motors Agrees to a Change Regarding Indemnification Contained in Paragraph 8 of Their Contract**
- 3. Confirmation that the Township will Save \$5,000 by Purchasing the Two “Stock Unit Fire/Rescue Engines” and Likewise will Save a Significant Amount of Expenditures that are Utilized for Repairs to the Current Fire Engines as Reflected in the Documentation Provided by Captain Anstead**

Dear Board Members, Chief Copeland, Fire Marshal Kimball and Fire Captain Anstead:

As I am sure your respective files reflect, the Ypsilanti Township Board of Trustees at its regular meeting held on **June 18, 2019** tabled the request of the Fire Department to purchase two **“New Stock Unit Fire/Rescue Engines”** from

Township Board/Copeland/Kimball/Anstead
Re: Purchase of Fire Trucks
June 30, 2019
Page 2

Spartan Motors Inc. inasmuch as we did not have before us that evening a proposed "**Contract**" and furthermore there were a number of unanswered questions as it pertains to the different warranties that will apply to these two new rescue engines. Subsequent to the **June 18** Board meeting, I also forwarded to your offices a copy of my letter dated **June 22, 2019** requesting that the Fire Department forward "**...all of the standard contractual documents, warranties, etc. that we have become accustomed to and having in place prior to any purchase order being authorized and/or approved by the Township Board so as to insure we are proceeding in a business-like fashion.**" I have attached for your convenience a copy of my **June 22** letter.

That being said, on Tuesday, **June 25** and Wednesday, **June 26** I received a number of documents from YTFD Captain Fred Anstead wherein he forwarded a number of the standard contractual documents that we have become accustomed to reviewing whenever the Township enters into an agreement to purchase new fire trucks from Spartan Motors Inc. As a side note, I will forward in separate emails these documents since the actual "**Ypsilanti Township Fire Apparatus Proposal**" for the two trucks consists of 103 pages and you may wish to review and/or save that document separately from the proposed contract and warranties and other relevant documents. This proposal does, however, provide a good summary of all the warranties that will be discussed in greater detail in this letter.

In regards to the contract itself, please find enclosed a copy of the contract received from Spartan Motors Sales Representative Michael R. Zahnen dated **July 2, 2019**. As you can see from this contract, Spartan Motors has proposed to deliver to the Township "**...within 90 - 180 days**" these two new stock unit fire engines for the sum of **\$1,025,000**. Originally the cost for the two fire engines was **\$1,030,000** and per the request of Township Trustee Monica Ross-Williams, Captain Anstead was able to obtain a **\$5,000** reduction in the total sales price if the Township purchased two units as opposed to one. While this cost savings of **\$5,000** may be less than what we would have anticipated from purchasing two new fire engines, I believe this is the best that can be achieved at this moment in time.

However, this contract will need to be revised as it pertains to Paragraph 8 inasmuch as the Township cannot waive its legal defense of governmental immunity as it pertains to "**...any and all claims, action, suits and proceedings...whether based in negligence, tort, strict liability or otherwise...**" As all of you are aware, the Township, by having the defense of governmental immunity, can only be sued in situations where the Township has

Township Board/Copeland/Kimball/Anstead
Re: Purchase of Fire Trucks
June 30, 2019
Page 3

been found to be "**grossly negligent**" as opposed to ordinary negligence and, as such, Paragraph 8 needs to specifically state as such in that the Township does not waive its defense of governmental immunity in this context.

I am also attaching for your convenience copies of all the warranties that were provided by Captain Anstead which warranties are as follows:

1. **General Warranty (2 years)**
2. **Electrical System Warranty (4 years)**
3. **Fire Truck Chassis and Cab (2 year, 36,000 mile)**
4. **Ten year Body Structural Integrity Warranty**
5. **Ten Year Paint/Corrosion**
6. **Ten Year Plumbing/Piping Corrosion Warranty**
7. **Vibra Torq Mounting System (lifetime structural warranty)**

In addition, please find enclosed a copy of the "**Bid Proposal**" signed by Spartan Representative Zahnen confirming the purchase price for the two stock units in the amount of **\$1,025,000** however please note that the additional equipment being requested by the Fire Department to be installed on these two units will require a time period of 90 - 120 days and will be inspected at their office in Brandon, SD by representatives of the Township's Fire Department.

As a side note, I have discussed with the Firefighters' Negotiating Team that the Ypsilanti Township Fire Department continues to make more runs than any other Fire Department in Washtenaw County except for the City of Ann Arbor. In other words, according to the data received from Captain Anstead in 2018, our Fire Department is responding on the average of **12.61 calls per day** which is twice as much as the City of Ypsilanti, four times as much as Superior Township and one and a half times as much as Pittsfield Township. In fact, the number of Calls for Service by our Fire Department in 2018 was **4,602** which was only exceeded by the City of Ann Arbor which responded to **7,528** Calls for Service. However, please note that the City of Ann Arbor's Fire Department personnel totals 85 with five Fire Stations and six front line engines while our Fire Department's personnel totals 25 with three stations and three front line engines.

Suffice it to say that our department, on a firefighter basis, responds to more runs than any fire department in Washtenaw County.

Finally, please find enclosed the amount of costs that have been incurred during the last several years for the repairs to the two fire engines that will be replaced if this purchase order/contract is approved and according to Captain Fred Anstead,

Township Board/Copeland/Kimball/Anstead
Re: Purchase of Fire Trucks
June 30, 2019
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the purchase of these two fire units will greatly reduce the Township's maintenance and repair costs. I have no doubt in my mind that this cost savings will be seen once these fire trucks are in use. In any event, I wanted to follow up with the Township Board regarding this matter and believe the Fire Department has provided our office with the documents requested and would confirm that this proposal is in proper form (with the minor exception discussed herein) to be considered by the Township Board at its next regular meeting scheduled for Tuesday, **July 16, 2019**.

If after review of this correspondence and attachments you have any questions or I can be of further assistance, please contact me.

Very truly yours,

A handwritten signature in blue ink that reads "Wm. Douglas Winters".

Wm. Douglas Winters

/js

cc: Trustees
Karen Wallin
Javonna Neel
Dennis O. McLain

Bid Proposal



Gentlemen / Ladies: On July 2, 2019

The undersigned is prepared to manufacture for you, upon an order being placed by you, for final acceptance by **Spartan ER** at its main office in Brandon, South Dakota, the apparatus and equipment herein named and for the following prices:

- Two (2)** Spartan Metro-Star EMFD Custom Chassis with a Raised Roof.
 - Two (2)** Tubular Aluminum bodies with a 1000-gallon poly booster tank.
 - Two (2)** 1500 GPM Waterous single stage pump.
- All equipment specified in the bid packet.

TOTAL DELIVERED PRICE: \$1,025,000.00
Stock Unit SO# 518025
Stock Unit SO# 518026

Note: No State, Federal or local taxes are included.
Note: Discounts are listed in the bid packet.

Said apparatus and equipment are to be built and shipped in accordance with the specifications hereto attached, delays due to strikes, war or other causes beyond our control not preventing, within **90 to 120** calendar days after receipt of this order and the acceptance thereof at our offices at Brandon, South Dakota, and to be delivered to you at,

The Ypsilanti Township Michigan Fire Department.

The specifications herein contained shall form a part of the final contract, and are subject to changes desired by the purchaser, provided such alterations are interlined prior to the acceptance by the company of the offer to purchase, and provided such alterations do not materially affect the cost of the construction of the apparatus.

Unless accepted within **30** days from this date, the right is reserved to withdraw this proposal.

SPARTAN ER



By 
Michael R Zahnen



A Wholly Owned Subsidiary of Spartan Motors, Inc.
907 7TH AVENUE NORTH BRANDON, SD 57005-2003
(605) 582-4000 FAX (605) 582-4001

CONTRACT

THIS CONTRACT ("Contract") is made by and between Spartan Motors USA, Inc. ("Spartan ") and **Charter Township of Ypsilanti MI** ("Customer"). This Contract will not become binding upon Spartan until it is executed by an officer of Spartan, and the effective date of the Contract ("Effective Date") will be the date that the Spartan officer executes the Contract. The parties hereby agree as follows:

- (1) Subject to the terms of this Contract, Spartan shall furnish, and Customer shall purchase, the apparatus and equipment ("Apparatus and Equipment") described and in accordance in all material respects with the specifications ("Original Specifications") submitted with the bid proposal (the "Bid Proposal"). In the event there is any conflict between Original Specification and the Bid Proposal, the Bid Proposal will prevail.
- (2) This Contract for Apparatus and Equipment conforms to all Federal Department of Transportation (DOT) and Environmental Protection Agency (EPA) rules and regulations and to all National Fire Protection Association (NFPA) Guidelines for Automotive Fire Apparatus in effect as of the Effective Date. Any increased cost incurred by Spartan because of future changes in or additions to such DOT, EPA or NFPA standards will be passed along to Customer as an addition to the Purchase Price set forth below. Notwithstanding anything to the contrary in this Agreement, if the costs to Spartan of acquiring any of the raw materials used in the production and supply of the product(s) (including, without limitation, the costs of acquiring raw materials, costs associated with tariffs, labor costs, shipping costs, or any other costs) materially increase from the cost levels as of the date of this Agreement, the parties agree that (1) buyer shall have the obligation to pay and reimburse to Spartan such increased costs, or (2) Spartan shall have the right in its discretion to terminate this Agreement, without further liability to Buyer, upon ten (10) days' notice to buyer. For purposes hereof, a "material increase" is defined to mean 5% of the quoted bill of material.
- (3) The Apparatus and Equipment shall be ready for delivery from Spartan's factory, within **90 to 120 days**. **This delivery timeframe is subject to modification if there are customer driven delays to holding the pre-construction meeting and/or if there are customer driven delays to returning the corresponding signed CO to the factory. All days exceeding 10 days after the pre-construction conclusion with priced CO ready for approval will be added to the above-mentioned delivery timeframe.** Any further delays after the pre-construction has been completed in providing additional desired specifications, change approvals, inspection timelines, or other required information for the Apparatus and Equipment may result in an extension of the above referenced delivery timeline by the amount of time Spartan requires, in its sole but reasonable discretion, to furnish the Apparatus and Equipment following Customer's delay, but in any event by at least the duration of Customer's delay.
- (4) A competent Spartan service representative shall, upon request, be provided to demonstrate any Apparatus and Equipment and/or to give Customer's employees the necessary instructions in the operation and handling of any Apparatus or Equipment.
- (5) In exchange for the Apparatus and Equipment, Customer agrees to pay Spartan the sum of **\$1,025,000.00** Dollars ("Purchase Price"). The Purchase Price is for Two (2) Spartan Stock units **SO# 518025 and SO# 518026**. Net payment is due upon delivery to Customer, unless otherwise specified herein. Interest at 18 percent per annum, payable monthly, shall be charged on all past due payments. If more than one item of Apparatus and Equipment is covered by this Contract, the above terms of payment shall apply to each item, and an invoice covering each item shall be rendered in the proper amount and paid upon delivery of the item. In the event the Apparatus and Equipment is placed in service prior to payment in full, Spartan reserves the right to charge a rental fee of Three Hundred Fifty Dollars (\$ 350.00) per day. Any applicable taxes not specified noted above will be paid by Customer directly, or will be added to the Purchase Price and paid by Spartan. If Customer claims exemption from any tax, Customer shall furnish applicable exemption certificate to Spartan and hold Spartan harmless from any such tax, interest or penalty which may at any time be assessed against Spartan.
- (6) Acceptance of Apparatus and Equipment shall occur immediately after completion of a final inspection by a representative of Customer at a factory location of Spartan, completion of any discrepancy list, and shipment of Apparatus and Equipment from Spartan's factory location. Upon completion of the final inspection and related discrepancy list, the Apparatus and Equipment shall be conclusively determined to be in full compliance with the terms of this Contract, including without limitation the Original Specifications. Spartan will not surrender to Customer the title to or the statement of origin for any Apparatus or Equipment or provide Customer with any other documentation regarding ownership of any Apparatus or Equipment until Spartan has received full payment of the Purchase Price and taxes.
- (7) Spartan shall not be liable to Customer or to anyone else for consequential, incidental, special, exemplary, indirect or punitive damages arising from any defect, delay, nondelivery, recall or other breach by Spartan, including but not limited to personal injury, death, property damage, lost profits, or other economic injury. Spartan shall not be liable to Customer or anyone else in tort for any negligent design or manufacture of any body or other part of Apparatus or Equipment, or for the omission of any warning with respect thereto.
- (8) Customer shall indemnify Spartan against, and hold Spartan, its agents, employees, officers and directors harmless from, any and all claims, action, suits and proceedings, costs, expenses, damages and liabilities, whether based in negligence, tort, strict liability or otherwise, including attorney's fees and costs, arising out of, connected with, or resulting from this Contract or the Apparatus or Equipment, except to the extent such claims, action, suits and proceedings, costs, expenses, damages or liabilities arise from Spartan's breach of its obligations under this Contract.

(9) Spartan warrants that, at the time of delivery, the Apparatus and Equipment shall comply in all material respects with the Original Specifications. THE ONLY OTHER WARRANTIES APPLICABLE TO THE APPARATUS AND EQUIPMENT ARE THOSE EXPRESSLY SET FORTH IN THE BID PROPOSAL AND IDENTIFIED AS APPLYING TO THE APPARATUS AND EQUIPMENT. SUCH WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

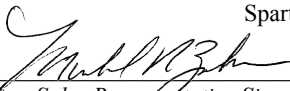
(10) Spartan shall not be liable if performance failure arises out of causes beyond its reasonable control, which causes shall include without limitation acts of God, war, fires, floods, difficulty in procuring materials, equipment or tooling failure, freight embargoes, order of any court, strike, lockout, shortage of labor, failure or delays by suppliers or contractors, or legislative or governmental, or other, prohibitions or restrictions.

(11) The Apparatus and Equipment shall remain the property of Spartan until the entire Purchase Price for each and every item of Apparatus and Equipment has been paid. In case of a default in payment, Spartan may take full possession of the Apparatus and Equipment, or of the item or items upon which default has been made, and any payments that have been made shall be applied as payment for the use of the Apparatus and Equipment up to the date Spartan takes possession.

(12) This Contract will only be binding on Spartan after it is signed and approved by an officer of Spartan. This Contract (which includes the other documents referenced in this Contract) embody the entire agreement and understanding between the parties with respect to the subject matter of this Contract and supersede all prior oral or written agreements and understandings relating to the subject matter of this Contract. No statement, representation, warranty, covenant or agreement of any kind not expressly set forth in this Contract shall affect, or be used to interpret, change or restrict, the express terms and provisions of this Contract. This Contract cannot be altered or modified except by mutual written agreement signed by the parties. The Customer representative signing this Contract on Customer's behalf represents and warrants that he or she has the authority to sign this Contract and that all necessary action has been taken by Customer to authorize Customer's execution of and performance under this Contract.

(13) In the event that any court of competent jurisdiction shall determine that any provision, or any portion thereof, contained in this Contract shall be unenforceable in any respect, then the provision shall be deemed limited to the extent that the court deems it enforceable, and as so limited shall remain in full force and effect. In the event that the court shall deem any provision, or portion thereof, wholly unenforceable, the remaining provisions of this Contract shall nevertheless remain in full force and effect.

(14) This Contract shall be governed by and construed in accordance with the laws of the State of South Dakota without giving effect to principles of conflict of laws. Customer irrevocably and unconditionally (a) agrees that any suit, action, or other legal proceeding arising out of or relating to this Contract may, at the option of Spartan, be brought in a court of record of the State of South Dakota in Minnehaha County, in the United States District Court for the District of South Dakota, or in a court of record of the State of Michigan in either Kent County or Eaton County, where Spartan's parent company, Spartan Motors, Inc., is located, or in the United States District Court for the Western District of Michigan, or in any other court of competent jurisdiction; (b) consents to the jurisdiction of each such court in any such suit, action or proceeding; and (c) waives any objection that it may have to the laying of venue of any such suit, action, or proceeding in any of such courts.

Submitted to Customer By: Michael R. Zahnen
Spartan Sales Representative – Print Name Date July 2, 2019

Spartan Sales Representative Signature

This Contract is agreed to by the parties as of the Effective Date.

Spartan Motors USA, Inc.

Customer: Charter Township of Ypsilanti

By: _____
Spartan Motors USA, Inc. Officer Signature

By: _____
Customer Signature

Print Name

Print Name

Its: _____

Its: _____

Date

Date



Ypsilanti Township Fire Apparatus Proposal

GENERAL WARRANTY

The manufacturer shall provide a two (2) year warranty from the date of delivery.

In the case of a commercial chassis being used, the warranty on the chassis, engine, transmission, tires, storage batteries, generators, electrical lamps and other devices subject to deterioration is limited to the warranty of the manufacturer thereof and adjustments for the same are to be made directly with the manufacturer by the customer.

STRUCTURAL BODY WARRANTY

A structural Aluminum body warranty shall be provided by the apparatus manufacturer for products of its manufacture to be free from defects in material and workmanship, under normal use and service, for a period of ten (10) years.

PAINT WARRANTY

A Prorated Paint Warranty shall be provided by the apparatus manufacturer for products of its manufacture to be free from defects in material and workmanship, under normal use and service, for a period of ten (10) years.

PUMP WARRANTY

Waterous Company shall provide a limited manufacturer's pump warranty with total protection package (TTP-5) to be free from defects in material and workmanship, under normal use and service, for a period of five (5) years from the date placed into service.

PLUMBING WARRANTY

A Stainless Steel Plumbing/Piping warranty shall be provided by the apparatus manufacturer for products of its manufacture to be free from defects in material and workmanship, under normal use and service, for a period of ten (10) years from the date of delivery.

TANK WARRANTY

A lifetime tank warranty shall be provided by the tank manufacturer, UPF.

MULTI-PLEXED ELECTRICAL WARRANTY

A four (4) year limited (V-MUX) multiplex system warranty, of Weldon Technologies, Inc., shall be provided by the apparatus manufacturer, for parts and labor, while under normal use and service, against mechanical, electrical and physical defects from the date of installation.

The warranty shall exclude: sensors, shunt interface modules, serial or USB kits, transceivers, cameras, GPS, and electrical display screens, which shall be limited to a period of one (1) time a year repair for parts and labor from the date of installation. Please see the official warranty document in the appendix (attached) for specific details.

LOW-VOLTAGE ELECTRICAL SYSTEM PERFORMANCE TESTING

The apparatus low-voltage electrical system will be tested and certified. Tests shall be performed when the air temperature is between 0°F and 110°F (-18°C and 43°C). The three tests defined in NFPA shall be performed in the order in which they appear. Before each test, the batteries



Ypsilanti Township Fire Apparatus Proposal

shall be fully charged until the voltage stabilizes at the voltage regulator set point and the lowest charge current is maintained for 10 minutes. Failure of any of these tests shall require a repeat of the sequence.

Reserve Capacity Test:

The engine shall be started and kept running until the engine and engine compartment temperatures are stabilized at normal operating temperatures and the battery system is fully charged.

The engine shall be shut off and the minimum continuous electrical load shall be activated for 10 minutes.

All electrical loads shall be turned off prior to attempting to restart the engine. The battery system shall then be capable of restarting the engine. Failure to restart the engine shall be considered a test failure of the battery system.

Alternator Performance Test at Idle:

The minimum continuous electrical load shall be activated with the engine running at idle speed.

The engine temperature shall be stabilized at normal operating temperature.

The battery system shall be tested to detect the presence of battery discharge current. The detection of battery discharge current shall be considered a test failure.

Alternator Performance Test at Full Load:

The total continuous electrical load shall be activated with the engine running up to the engine manufacturer's governed speed.

The test duration shall be a minimum of 2 hours.

Activation of the load management system shall be permitted during this test.

An alarm sounded by excessive battery discharge, as detected by the system required in NFPA 13.3.4, or a system voltage of less than 11.8 V dc for a 12 V nominal system or 23.6 V dc for a 24 V nominal system, for more than 120 seconds, shall be considered a test failure.

Low Voltage Alarm Test:

Following the above test, a Low Voltage Alarm Test will be performed in the manner prescribed.

With the engine shut off, the total continuous electrical load shall be activated and shall continue to be applied until the excessive battery discharge alarm activates.

The battery voltage shall be measured at the battery terminals.

The test shall be considered a failure if the alarm has not yet sounded 140 seconds after the voltage drops to 11.70V for a 12 V nominal system or 23.4 V for a 24 V nominal system.

The battery system shall then be able to restart the engine. Failure to restart the engine shall be considered a test failure.



Ypsilanti Township Fire Apparatus Proposal

Certification Documentation:

At the time of delivery, the manufacturer shall provide the following documentation:

- (1) Documentation of the electrical system performance tests.*
- (2) A written electrical load analysis, including the following:*
 - (a) The nameplate rating of the alternator.*
 - (b) The alternator rating under the conditions specified above.*
 - (c) Each of the component loads specified that make up the minimum continuous electrical load.*
 - (d) Additional electrical loads that, when added to the minimum continuous electrical load, determine the total continuous electrical load.*
 - (e) Each individual intermittent electrical load.*

PUMP CERTIFICATION AND TESTING

The apparatus upon completion will be tested and certified by Underwriters Laboratories, Inc. The certification tests will follow the guide lines outlined in NFPA 1901, current edition, "Standard for Fire Apparatus".

There shall be multiple tests performed by the contractor and Underwriter's Laboratories when the apparatus has been completed. The manufacturer shall provide the completed Test Certificate(s) to the purchaser at time of delivery. The inspection services of Underwriters Laboratories are available to all bidders on an equal basis; therefore, no third party certification of testing results shall be acceptable.

The pump shall be capable of delivering the following:

- (1) One hundred percent of rated capacity at 150 psi (1000 kPa) net pump pressure.*
- (2) Seventy percent of rated capacity at 200 psi (1400 kPa) net pump pressure.*
- (3) Fifty percent of rated capacity at 250 psi (1700 kPa) net pump pressure.*

The pump shall be tested after the pump and all its associated piping and equipment have been installed on the apparatus.

The tests shall include at least the pumping test, the pumping engine overload test, the pressure control system test, the priming device tests, and the vacuum test.

A test plate shall be provided at the pump operator's panel that gives the rated discharges and pressures together with the speed of the engine as determined by the certification test for each unit, the position of the parallel/series pump as used, and the governed speed of the engine as stated by the engine manufacturer on a certified brake horsepower curve. The plate shall be completely stamped with all information at the factory and attached to the vehicle prior to shipping.

Pumping Test:

The test site shall be adjacent to a supply of clear water at least 4 ft. (1.2 m) deep, with the water level not more than 10 ft. (3 m) below the center of the pump intake, and close enough to allow the suction strainer to be submerged at least 2 ft. (0.6 m) below the surface of the water when connected to the pump by 20 ft. (6 m) of suction hose.



Ypsilanti Township Fire Apparatus Proposal

Tests shall be performed when conditions are as follows:

- (1) Air temperature: 0°F to 110°F (-18°C to 43°C)
- (2) Water temperature: 35°F to 90°F (2°C to 32°C)
- (3) Barometric pressure: 29 in. Hg (98.2 kPa), minimum (corrected to sea level)

Engine-driven accessories shall not be functionally disconnected or otherwise rendered inoperative during the tests.

The following devices shall be permitted to be turned off or not operating during the pump test:

- (1) Foam pump
- (2) Winch
- (3) Windshield wipers
- (4) Four-way hazard flashers
- (5) Compressed air foam system (CAFS) compressor

All structural enclosures, such as floorboards, gratings, grilles, and heat shields, not provided with a means for opening them in service shall be kept in place during the tests.

All test gauges shall meet the requirements for Grade A gauges as defined in ASME B40.100, Pressure Gauges and Gauge Attachments, and shall be at least size 3/2 per ASME B40.100. The pump intake gauge shall have a range of 30 in. Hg (100 kPa) vacuum to zero for a vacuum gauge, or 30 in. Hg (100 kPa) vacuum to a gauge pressure of 150 psi (1000 kPa) for a compound gauge. The discharge pressure gauge shall have a gauge pressure range of 0 psi to 400 psi (0 kPa to 2800 kPa). All pilot gauges shall have a gauge pressure range of at least 0 psi to 160 psi (0 kPa to 1100 kPa). All gauges shall be calibrated in the month preceding the tests using a dead-weight gauge tester or a master gauge meeting the requirements for Grade 3A or 4A gauges, as defined in ASME B40.100, Pressure Gauges and Gauge Attachments, that has been calibrated within the preceding year.

The engine speed-measuring equipment shall consist of a nonadjustable tachometer supplied from the engine or transmission electronics, a revolution counter on a checking shaft outlet and a stop watch, or other engine speed-measuring means that is accurate to within ± 50 rpm of actual speed.

The pump shall be subjected to a 3 hour pumping test from draft consisting of 2 hours of continuous pumping at rated capacity at a minimum of 150 psi (1000 kPa) net pump pressure, followed by 1/2 hour of continuous pumping at 70 percent of rated capacity at a minimum of 200 psi (1400 kPa) net pump pressure and 1/2 hour of continuous pumping at 50 percent of rated capacity at a minimum of 250 psi (1700 kPa) net pump pressure and shall not be stopped until after the 2 hour test at rated capacity, unless it becomes necessary to clean the suction strainer.

Pumping Engine Overload Test:

The apparatus shall be subjected to an overload test consisting of pumping rated capacity at 165 psi (1100 kPa) net pump pressure for at least 10 minutes.

This test shall be performed immediately following the pumping test of rated capacity at 150 psi (1000 kPa).



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The capacity, discharge pressure, intake pressure, and engine speed shall be recorded at least three times during the overload test.

Pressure Control System Test:

The pressure control system on the pump shall be tested as follows:

(1) The pump shall be operated at draft, delivering rated capacity at a discharge gauge pressure of 150 psi (1000 kPa).

(2) The pressure control system shall be set in accordance with the manufacturer's instructions to maintain the discharge gauge pressure at 150 psi (1000 kPa) \pm 5 percent.

(3) All discharge valves shall be closed not more rapidly than in 3 seconds and not more slowly than in 10 seconds.

(4) The rise in discharge pressure shall not exceed 30 psi (200 kPa) and shall be recorded.

(5) The original conditions of pumping rated capacity at a discharge gauge pressure of 150 psi (1000 kPa) shall be reestablished.

(6) The discharge pressure gauge shall be reduced to 90 psi (620 kPa) by throttling the engine fuel supply, with no change to the discharge valve settings, hose, or nozzles.

(7) The pressure control system shall be set according to the manufacturer's instructions to maintain the discharge gauge pressure at 90 psi (620 kPa) \pm 5 percent.

(8) All discharge valves shall be closed not more rapidly than in 3 seconds and not more slowly than in 10 seconds.

(9) The rise in discharge pressure shall not exceed 30 psi (200 kPa) and shall be recorded.

(10) The pump shall be operated at draft, pumping 50 percent of rated capacity at a discharge gauge pressure of 250 psi (1700 kPa).

(11) The pressure control system shall be set in accordance with the manufacturer's instructions to maintain the discharge gauge pressure at 250 psi (1700 kPa) \pm 5 percent.

(12) All discharge valves shall be closed not more rapidly than in 3 seconds and not more slowly than in 10 seconds.

(13) The rise in discharge pressure shall not exceed 30 psi (200 kPa) and shall be recorded.

Priming System Tests:

With the apparatus set up for the pumping test, the primer shall be operated in accordance with the manufacturer's instructions until the pump has been primed and is discharging water. This test shall be permitted to be performed in connection with priming the pump for the pumping test.

The interval from the time the primer is started until the time the pump is discharging water shall be noted. The time required to prime the pump shall not exceed 30 seconds if the rated capacity



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is 1250 gpm (5000 L/min) or less. The time required to prime the pump shall not exceed 45 seconds if the rated capacity is 1500 gpm (6000 L/min) or more.

An additional 15 seconds shall be permitted in order to meet the requirements of NFPA 16.13.5.3 and 16.13.5.4 when the pump system includes an auxiliary 4 in. (100 mm) or larger intake pipe having a volume of 1 ft³ (0.03 m³) or more.

Vacuum Test:

The vacuum test shall consist of subjecting the interior of the pump, with all intake valves open, all intakes capped or plugged, and all discharge caps removed, to a vacuum of 22 in. Hg (75 kPa) by means of the pump priming system.

At altitudes above 2000 ft. (600 m), the vacuum attained shall be permitted to be less than 22 in. Hg (75 kPa) by 1 in. Hg (3.4 kPa) for each 1000 ft. (305 m) of altitude above 2000 ft. (610 m).

The vacuum shall not drop more than 10 in. Hg (34 kPa) in 5 minutes.

The primer shall not be used after the 5 minute test period has begun and the engine shall not be operated at any speed greater than the governed speed during this test.

Water Tank-to-Pump Flow Test:

A water tank-to-pump flow test shall be conducted as follows:

- (1) The water tank shall be filled until it overflows.
- (2) All intakes to the pump shall be closed.
- (3) The tank fill line and bypass cooling line shall be closed.
- (4) Hose lines and nozzles for discharging water at the rated tank-to-pump flow rate shall be connected to one or more discharge outlets.
- (5) The tank-to-pump valve(s) and the discharge valves leading to the hose lines and nozzles shall be fully opened.
- (6) The engine throttle shall be adjusted until the required flow rate $-0/+5$ percent is established.
- (7) The discharge pressure shall be recorded.
- (8) The discharge valves shall be closed and the water tank refilled.
- (9) The bypass line shall be permitted to be opened temporarily, if needed, to keep the water temperature in the pump within acceptable limits.
- (10) The discharge valves shall be reopened fully and the time noted.
- (11) If necessary, the engine throttle shall be adjusted to maintain the discharge pressure recorded as noted in 16.13.7.1(7).
- (12) When the discharge pressure drops by 10 psi (70 kPa) or more, the time shall be noted and the elapsed time from the opening of the discharge valves shall be calculated and recorded.



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Volume Discharge Calculation:

The volume discharged shall be calculated by multiplying the rate of discharge in gallons per minute (liters per minute) by the time in minutes elapsed from the opening of the discharge valves until the discharge pressure drops by at least 10 psi (70 kPa).

Other means shall be permitted to be used to determine the volume of water pumped from the tank such as a totalizing flowmeter, weighing the truck before and after, or refilling the tank using a totalizing flowmeter.

The rated tank-to-pump flow rate shall be maintained until 80 percent of the rated capacity of the tank has been discharge.

Engine Speed Advancement Interlock Test

The engine speed advancement interlock system shall be tested to verify that engine speed cannot be increased at the pump operator's panel unless there is throttle-ready indication.

If the apparatus is equipped with a stationary pump driven through split-shaft PTO, the test shall verify that the engine speed control at pump operator's panel cannot be advanced when either of the following conditions exists:

- A. *The chassis transmission is in neutral, the parking brake is off, and the pump shift in the driving compartment is in the road position.*
- B. *The chassis transmission has been placed in the position for pumping as indicated on the label provided in the driving compartment, the parking brake is on, and the pump shift in the driving compartment is in the road position.*

If the apparatus is equipped with a stationary pump driven through a transmission mounted PTO, front-of-engine crankshaft PTO, or engine flywheel PTO, the test shall verify that the engine speed control on the pump operator's panel cannot be advanced when either of the following conditions exists:

- (1) *The chassis transmission is in neutral, the parking brake is off, and the pump shift status in the driving compartment is disengaged.*
- (2) *The chassis transmission is in any other gear other than neutral, the parking brake is on, and the pump shift in the driving compartment is in the "Pump Engaged" position.*

If the apparatus is equipped with a pump driven by the chassis engine designed for both stationary pumping and pump-in-motion, the test shall verify that the engine speed control at pump operator's panel cannot be advanced when either of the following conditions exists:

- (1) *The chassis transmission is in neutral, the parking brake is on, and the pump shift status in the driving compartment is disengaged.*
- (2) *The chassis transmission is in any other gear other than neutral, the parking brake is on, and the pump shift in the driving compartment is in the "Pump Engaged" or the "OK to Pump In-Motion" position.*



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If the apparatus is equipped with a stationary pump driven through transfer case PTO, the test shall verify that the engine speed control on the pump operator's panel cannot be advanced when either of the following conditions exists:

- (1) The chassis transmission is in neutral, the transfer case is in neutral, the parking brake is off, and the pump shift in the driving compartment is in the road position.
- (2) The chassis transmission is in neutral, the transfer case is engaged, the parking brake is off, and the pump shift in the driving compartment is in the road position.
- (3) The chassis transmission has been placed in the position for pumping as indicated on the label provided in the driving compartment, the parking brake is on, and the pump shift in the driving compartment is in the road position.

MODEL

The chassis shall be a Metro Star model. The cab and chassis shall include design considerations for multiple emergency vehicle applications, rapid transit and maneuverability. The chassis shall be manufactured for heavy duty service with the strength and capacity to support a fully laden apparatus, one hundred (100) percent of the time.

MODEL YEAR

The chassis shall have a vehicle identification number that reflects a 2019 model year.

COUNTRY OF SERVICE

The chassis shall be put in service in the country of United States of America (USA).

The chassis will meet applicable U.S.A. federal motor vehicle safety standards per CFR Title 49 Chapter V Part 571 as clarified in the incomplete vehicle book per CFR Title 49 Chapter V Part 568 Section 4 which accompanies each chassis. Spartan Chassis is not responsible for compliance to state, regional, or local regulations. Dealers should identify those regulations and order any necessary optional equipment from Spartan Chassis needed to be in compliance with those regulations.

CAB AND CHASSIS LABELING LANGUAGE

The cab and chassis shall include the applicable caution, warning, and safety notice labels with text to be written in English. All applicable exterior caution, warning, and safety notice labels shall be in a decorative chrome bezel.

APPARATUS TYPE

The apparatus shall be a pumper vehicle designed for emergency service use which shall be equipped with a permanently mounted fire pump which has a minimum rated capacity of 750 gallons per minute (3000 L/min). The apparatus shall include a water tank and hose body whose primary purpose is to combat structural and associated fires.



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VEHICLE TYPE

The chassis shall be manufactured for use as a straight truck type vehicle and designed for the installation of a permanently mounted apparatus behind the cab. The apparatus of the vehicle shall be supplied and installed by the apparatus manufacturer.

VEHICLE ANGLE OF APPROACH PACKAGE

The angle of approach of the apparatus shall be a minimum of 8.00 degrees.

NFPA 1901 Angle of Approach definition:

“To determine the angle of approach, place a thin steel strip against the front of the tires where they touch the ground or stretch a tight string from one front tire to the other at the front where they touch the ground. Determine the lowest point (component or equipment) on the vehicle forward of the front tire that would make the smallest angle of approach. Hang a plumb bob from the lowest point and mark the point on the ground where the point of the plumb bob touches. Measure the vertical distance from the ground to the point where the plumb bob was hung (distance V). Measure the horizontal distance from the plumb bob point to the steel strip or string running from front tire to front tire (distance H). Divide the vertical distance by the horizontal distance. The ratio of V/H is the tangent of the angle of approach. If the ratio is known, the angle of approach can be determined from a table of trigonometric functions of angles or from a math calculator. The standard requires a minimum angle of approach of 8.00 degrees: since the tangent of 8.00 degrees is 0.1405, if V divided by H is 0.1405 or larger, the angle of approach is 8.00 degrees or greater.”

AXLE CONFIGURATION

The chassis shall feature a 4 x 2 axle configuration consisting of a single rear drive axle with a single front steer axle.

GROSS AXLE WEIGHT RATINGS FRONT

The front gross axle weight rating (GAWR) of the chassis shall be 20,000 pounds.

This front gross axle weight rating shall be adequate to carry the weight of the completed apparatus including all equipment and personnel.

GROSS AXLE WEIGHT RATINGS REAR

The rear gross axle weight rating (GAWR) of the chassis shall be 26,000 pounds.

This rear gross axle weight rating shall be adequate to carry the weight of the completed apparatus including all equipment and personnel.

PUMP PROVISION

The chassis shall include provisions to mount a drive line pump in the middle of the chassis, behind the cab, more commonly known as the midship location. Chassis driveline pump provisions shall include an interlock feature for automatic setting of the park brake when the vehicle is shifted into pump mode while the transmission is in neutral and the transmission output speed translates to less than 1 mph. When the conditions are met the driver side parking brake valve shall activate. Once shifted to road mode the condition for electric automatic brake



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engagement is no longer present and the driver's parking brake control valve shall function normally.

WATER & FOAM TANK CAPACITY

The chassis shall include a carrying capacity of 750 gallons (2839 liters) to 1250 gallons (4732 liters). The water and/or foam tank(s) shall be supplied and installed by the apparatus manufacturer.

CAB STYLE

The cab shall be a custom, fully enclosed, EMFD model with a 10.00 inch raised roof over the driver, officer, and crew area, designed and built specifically for use as an emergency response vehicle by a company specializing in cab and chassis design for all emergency response applications. The cab shall be designed for heavy-duty service utilizing superior strength and capacity for the application of protecting the occupants of the vehicle. This style of cab shall offer up to eight (8) seating positions.

The cab shall incorporate a fully enclosed design with side wall roof supports, allowing for a spacious cab area with no partition between the front and rear sections of the cab. To provide a superior finish by reducing welds that fatigue cab metal; the roof, the rear wall and side wall panels shall be assembled using a combination of welds and proven industrial adhesives designed specifically for aluminum fabrication for construction.

The cab shall be constructed using multiple aluminum extrusions in conjunction with aluminum plate, which shall provide proven strength and the truest, flattest body surfaces ensuring less expensive paint repairs if needed. All aluminum welding shall be completed to the American Welding Society and ANSI D1.2-96 requirements for structural welding of aluminum.

All interior and exterior seams shall be sealed for optimum noise reduction and to provide the most favorable efficiency for heating and cooling retention.

The cab shall be constructed of 5052-H32 corrosion resistant aluminum plate. The cab shall incorporate tongue and groove fitted 6061-T6 0.13 & 0.19 inch thick aluminum extrusions for extreme duty situations. A single formed, one (1) piece extrusion shall be used for the "A" pillar, adding strength and rigidity to the cab as well as additional roll-over protection. The cab side walls and lower roof skin shall be 0.13 inch thick; the rear wall and raised roof skins shall be 0.09 inch thick; the front cab structure shall be 0.19 inch thick.

The exterior width of the cab shall be 94.00 inches wide with a minimum interior width of 88.00 inches. The overall cab length shall be 137.10 inches with 60.00 inches from the centerline of the front of the axle to the back of the cab.

The cab interior shall be designed to afford the maximum usable interior space and attention to ergonomics with hip and legroom while seated which exceeds industry standards. The crew cab floor shall be flat across the entire walking area for ease of movement inside the cab.

The cab shall offer an interior height of 57.50 inches from the front floor to the headliner and a rear floor to headliner height of 65.00 inches in the raised roof area, at a minimum. The cab shall offer an interior measurement at the floor level from the rear of the engine tunnel to the rear wall of the cab of 57.88 inches. All interior measurements shall include the area within the interior trimmed surfaces and not to any unfinished surface.



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The cab shall include a driver and officer area with two (2) cab doors large enough for personnel in full firefighting gear. The front doors shall offer a clear opening of 40.25 inches wide X 53.50 inches high, from the cab floor to the top of the door opening. The cab shall also include a crew area with up to two (2) cab doors, also large enough for personnel in full firefighting gear. The rear doors shall offer a clear opening of 32.25 inches wide X 61.00 inches high, from the cab floor to the top of the door opening.

The cab shall incorporate a progressive two (2) step configuration from the ground to the cab floor at each door opening. The progressive steps are vertically staggered and extend the full width of each step well allowing personnel in full firefighting gear to enter and exit the cab easily and safely.

The first step for the driver and officer area shall measure approximately 11.50 inches deep X 31.13 inches wide. The intermediate step shall measure approximately 8.50 inches deep X 32.50 inches wide. The height from the first step to the intermediate step and the intermediate step to the cab floor shall not exceed 11.00 inches.

The first step for the crew area shall measure approximately 11.50 inches deep X 20.44 inches wide. The intermediate step shall measure approximately 10.25 inches deep X 22.75 inches wide. The height from the first step to the intermediate step and the intermediate step to the cab floor shall not exceed 12.80 inches.

OCCUPANT PROTECTION

The vehicle shall include the Advanced Protection System™ (APS) which shall secure belted occupants and increase the survivable space within the cab. The APS shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, side impact, and rollover events. The increase in survivable space and security of the APS shall also provide ejection mitigation protection.

The system components shall include:

Driver steering wheel airbag

Driver dual knee air bags (patent pending) with energy management mounting (patent pending) and officer knee airbag.

Large driver, officer, and crew area side curtain airbags

APS advanced seat belt system - retractor pre-tensioners tighten the seat belts around the occupants, securing the occupants in seats and load limiters play out some of the seat belt webbing to reduce seat belt to chest and torso force upon impact as well as mitigate head and neck injuries

Heavy truck Restraints Control Module (RCM) - receives inputs from the outboard sensors, selectively deploys APS systems, and records sensory inputs immediately before and during a detected qualifying event

Integrated outboard crash sensors mounted at the perimeter of the vehicle - detects a qualifying front or side impact event and monitors and communicates vehicle status and real time diagnostics of all critical subsystems to the RCM

Fault-indicating Supplemental Restraint System (SRS) light on the driver's instrument panel



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Frontal impact protection shall be provided by the outboard sensors and the RCM. In a qualifying front impact event the outboard sensors provide inputs to the RCM. The RCM activates the steering wheel airbag, driver side dual knee airbags (patent pending), officer side knee airbag, and advanced seat belts for each occupant in the cab.

Rollover, side impact, and ejection mitigation shall be provided by the outboard sensors and the RCM. In qualifying rollover or side impact events the outboard sensors provide inputs to the RCM. The RCM activates the side curtain airbags and advanced seat belts for each occupant in the cab. The RCM measures roll angle, lateral acceleration, and roll rate to determine if a rollover event or side impact event is imminent or occurring.

In the event of a qualifying offset or other non-frontal impact, the RCM shall determine and intelligently deploy the front impact protection system, the side impact protection system, or both front and side impact protection systems based on the inputs received from the outboard crash sensors.

CAB FRONT FASCIA

The front cab fascia shall be constructed of 5052-H32 Marine Grade, 0.13 of an inch thick aluminum plate which shall be an integral part of the cab.

The cab fascia will encompass the entire front of the aluminum cab structure from the bottom of the windshield to the bottom of the cab and shall be the "Classic" design.

The front cab fascia shall include two (2) molded plastic modules on each side accommodating a total of up to four (4) Hi/Low beam headlights and two (2) turn signal lights or up to four (4) warning lights. A chrome plated molded plastic bezel shall be provided on each side around each set of four lamps.

FRONT GRILLE

The front fascia shall include a box style, 304 stainless steel front grille 44.45 inches wide X 33.50 inches high X 1.50 inches deep. The grille shall include a minimum free air intake of 732.00 square inches. The upper portion of the grille shall be hinged to provide service access behind the grille.

CAB UNDERCOAT

There shall be a rubberized undercoating applied to the underside of the cab that provides abrasion protection, sound deadening and corrosion protection.

CAB SIDE DRIP RAIL

There shall be a drip rail along the top radius of each cab side. The drip rails shall help prevent water from the cab roof running down the cab side.

CAB PAINT EXTERIOR

The cab shall be painted prior to the installation of glass accessories and all other cab trim to ensure complete paint coverage and the maximum in corrosion protection of all metal surfaces.



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All metal surfaces on the entire cab shall be ground by disc to remove any surface oxidation or surface debris which may hinder the paint adhesion. Once the surface is machine ground a high quality acid etching of base primer shall be applied. Upon the application of body fillers and their preparation, the cab shall be primed with a coating designed for corrosion resistance and surface paint adhesion. The maximum thickness of the primer coat shall be 2.00 mils.

The entire cab shall then be coated with an intermediate solid or epoxy surfacing agent that is designed to fill any minor surface defects, provide an adhesive bond between the primer and the paint and improve the color and gloss retention of the color. The finish to this procedure shall be a sanding of the cab with 360 grit paper followed by sealing the seams with SEM brand seam sealer.

The cab shall then be painted the specific color designated by the customer with an acrylic urethane type system designed to retain color and resist acid rain and most atmospheric chemicals found on the fire ground or emergency scene. The paint shall have a minimum thickness of 2.00 mils, followed by a clear top coat not to exceed 2.00 mils. The entire cab shall then be baked at 180 degrees for one (1) hour to speed the curing process of the coatings.

CAB PAINT MANUFACTURER

The cab shall be painted with PPG Industries paint.

CAB PAINT PRIMARY/LOWER COLOR

The primary/lower paint color shall be PPG FBCH 926234 red.

CAB PAINT WARRANTY

The cab and chassis shall be covered by a limited manufacturer paint warranty which shall be in effect for ten (10) years from the first owner's date of purchase or in service or the first 100,000 actual miles, whichever occurs first.

CAB PAINT INTERIOR

The visible interior cab structure surfaces shall feature a medium gray Spar-Liner spray on bedliner coating which shall mold to each surface of the cab interior. The Spar-Liner shall be environmentally friendly and chemically resistant.

CAB ENTRY DOORS

The cab shall include four (4) entry doors, two (2) front doors and two (2) crew doors designed for ease of entering and egress when outfitted with an SCBA. The doors shall be constructed of extruded aluminum with a nominal thickness of 0.13 inch. The exterior skins shall be constructed of 0.13 inch aluminum plate.

The doors shall include a double rolled style automotive rubber seal around the perimeter of each door frame and door edge which ensures a weather tight fit.

All door hinges shall be hidden within flush mounted cab doors for a pleasing smooth appearance and perfect fit along each side of the cab. Each door hinge shall be piano style with a 0.38 inch pin and shall be constructed of stainless steel.



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CAB ENTRY DOOR TYPE

All cab entry doors shall be barrier clear design resulting in exposed lower cab steps. The doors shall provide approximately 32.00 inches of clearance from the ground to the bottom of the door so cab doors may be opened un-hindered by most obstacles encountered, such as guard rails along interstate highways.

Entry doors shall include Pollak mechanical plunger style switches for electrical component activation.

CAB INSULATION

The cab ceiling and walls shall include 1.00 inch thick foam insulation. The insulation shall act as a barrier absorbing noise as well as assisting in sustaining the desired climate within the cab interior.

LH MID EMS COMPARTMENT

The cab shall include an interior clear area provision for the side curtain crew airbag mounting to account for a compartment located in the middle of the wall to be installed by the body builder. The clear area shall extend from the cab 'B' pillar to the standard rear door location above the left side wheel well. The provision allows appropriate airbag selection for clear airbag deployment and adequate protection and ejection mitigation.

RH MID EMS COMPARTMENT

The cab shall include an interior clear area provision for the side curtain crew airbag mounting to account for a compartment located in the middle of the wall to be installed by the body builder. The clear area shall extend from the cab 'B' pillar to the standard rear door location above the right side wheel well. The provision allows appropriate airbag selection for clear airbag deployment and adequate protection and ejection mitigation.

CAB STRUCTURAL WARRANTY

Summary of Warranty Terms:

THE FOLLOWING IS SUMMARY OF WARRANTY TERMS FOR INFORMATION ONLY. THE ACTUAL LIMITED WARRANTY DOCUMENT, WHICH IS ATTACHED TO THIS OPTION, CONTAINS THE COMPLETE STATEMENT OF THE SPARTAN MOTORS USA LIMITED WARRANTY. SPARTAN'S RESPONSIBILITY IS TO BE ACCORDING TO THE TERMS OF THE COMPLETE LIMITED WARRANTY DOCUMENT.

The cab structure shall be warranted for a period of ten (10) years or one hundred thousand (100,000) miles which ever may occur first. The warranty period shall commence on the date the vehicle is delivered to the first end user.

CAB TEST INFORMATION

The cab shall have successfully completed the preload side impact, static roof load application and frontal impact without encroachment to the occupant survival space when tested in accordance with Section 4 of SAE J2420 COE Frontal Strength Evaluation Dynamic Loading Heavy Trucks, Section 5 of SAE J2422 Cab Roof Strength Evaluation Quasi -Static Loading



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Heavy Trucks and ECE R29 Uniform Provisions Concerning the Approval of Vehicles with regard to the Protection of the Occupants of the Cab of a Commercial Vehicles Annex 3 Paragraph 5.

The above tests have been witnessed by and attested to by an independent third party. The test results were recorded using cameras, high speed imagers, accelerometers and strain gauges. Documentation of the testing shall be provided upon request.

ELECTRICAL SYSTEM

The chassis shall include a single starting electrical system which shall include a 12 volt direct current multiplexing system, suppressed per SAE J551. The wiring shall be appropriate gauge cross link with 311 degree Fahrenheit insulation. All SAE wires in the chassis shall be color coded and shall include the circuit number and function where possible. The wiring shall be protected by 275 degree Fahrenheit minimum high temperature flame retardant loom. All nodes and sealed Deutsch connectors shall be waterproof.

MULTIPLEX DISPLAY

The multiplex electrical system shall include a Weldon Vista IV display which shall be located on the left side of the dash in the switch panel. The Vista IV shall feature a full color LCD display screen which includes a message bar displaying the time of day and important messages requiring acknowledgement by the user which shall all be displayed on the top of the screen in the order they are received. There shall be eight (8) push button virtual controls, four (4) on each side of the display for the on-board diagnostics. The display screen shall be video ready for back-up cameras, thermal cameras, and DVD.

The Vista IV display shall offer varying fonts and background colors. The display shall be fully programmable to the needs of the customer and shall offer virtually infinite flexibility for screen configuration options.

MULTIPLEX DISPLAY SPECIAL LAYOUT

The Vista display and control screen shall be configured specifically for the requirements of the S180 Model 2106 and 2112. The dimmer and scene light switches shall be located on the main menu screen. The air horn selector and dome light switches shall be located on the secondary menu screen.

Note: Activation additions and deletions to the base S-180 models listed above shall be programmed per best practices.

LOAD MANAGEMENT SYSTEM

The apparatus load management shall be performed by the included multiplex system. The multiplex system shall also feature the priority of sequences and shall shed electrical loads based on the priority list specifically programmed.

DATA RECORDING SYSTEM

The chassis shall have a Weldon Vehicle Data Recorder (VDR) system installed. The system shall be designed to meet NFPA 1901 and shall be integrated with the Weldon Multiplex electrical system. The following information shall be recorded:

- Vehicle Speed



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- Acceleration
- Deceleration
- Engine Speed
- Engine Throttle Position
- ABS Event
- Seat Occupied Status
- Seat Belt Status
- Master Optical Warning Device Switch Position
- Time
- Date

Each portion of the data shall be recorded at the specified intervals and stored for the specified length of time to meet NFPA 1901 guidelines and shall be retrievable by connecting a laptop computer to the VDR system.

ACCESSORY POWER

The electrical distribution panel shall include two (2) power studs. The studs shall be size #10 and each of the power studs shall be circuit protected with a fuse of the specified amperage. One (1) power stud shall be capable of carrying up to a 40 amp battery direct load. One (1) power stud shall be capable of carrying up to a 15 amp ignition switched load. The two (2) power studs shall share one (1) #10 ground stud. A 150 amp master switched and manually resettable breaker protected power and ground stud shall be provided and installed on the chassis near the left hand battery box for body connections.

AUXILIARY ACCESSORY POWER

An auxiliary six (6) position Blue Sea Systems 5025 blade type fuse panel shall be installed behind the switch panel. The fuse panel shall be protected by a 40 amp fuse. The panel shall be capable of carrying up to a maximum 40 amp battery direct load.

EXTERIOR ELECTRICAL TERMINAL COATING

All terminals exposed to the elements will be sprayed with a high visibility protective rubberized coating to prevent corrosion.

ENGINE

The chassis engine shall be a Cummins L9 engine. The L9 engine shall be an in-line six (6) cylinder, four cycle diesel powered engine. The engine shall offer a rating of 450 horse power at 2100 RPM and shall be governed at 2200 RPM. The torque rating shall feature 1250 foot pounds of torque at 1400 RPM with 543 cubic inches (8.9 liters) of displacement.

The L9 engine shall feature a VGT™ Turbocharger, a high pressure common rail fuel system, fully integrated electronic controls with an electronic governor, and shall be EPA certified to meet the 2017 emissions standards using cooled exhaust gas recirculation and selective catalytic reduction technology.

The engine shall include an engine mounted combination full flow/by-pass oil filter with replaceable spin on cartridge for use with the engine lubrication system. The engine shall include Citgo brand Citgard 500, or equivalent 15W40 CK-4 low ash engine oil which shall be utilized for proper engine lubrication.



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A wiring harness shall be supplied ending at the back of the cab. The harness shall include a connector which shall allow an optional harness for the pump panel. The included circuits shall be provided for a tachometer, oil pressure, engine temperature, hand throttle, high idle and a PSG system. A circuit for J1939 data link shall also be provided at the back of the cab.

CAB ENGINE TUNNEL

The cab interior shall include an integrated engine tunnel constructed of 5052-H32 Marine Grade, 0.19 of an inch thick aluminum. The tunnel shall be a maximum of 41.50 inches wide X 25.50 inches high.

DIESEL PARTICULATE FILTER CONTROLS

There shall be two (2) controls for the diesel particulate filter. One (1) control shall be for regeneration and one (1) control shall be for regeneration inhibit.

ENGINE PROGRAMMING HIGH IDLE SPEED

The engine high idle control shall maintain the engine idle at approximately 1250 RPM when engaged.

ENGINE HIGH IDLE CONTROL

The vehicle shall be equipped with an automatic high-idle speed control. It shall be pre-set so when activated, it will operate the engine at the appropriate RPM to increase alternator output. This device shall operate only when the master switch is activated and the transmission is in neutral with the parking brake set. The device shall disengage when the operator depresses the brake pedal, or the transmission is placed in gear, and shall be available to manually or automatically re-engage when the brake is released, or when the transmission is placed in neutral. There shall be an indicator on the Vista display and control screen for the high idle speed control.

ENGINE PROGRAMMING ROAD SPEED GOVERNOR

The engine shall include programming which will govern the top speed of the vehicle.

AUXILIARY ENGINE BRAKE

A compression brake, for the six (6) cylinder engine shall be provided. A cutout relay shall be installed to disable the compression brake when in pump mode or when an ABS event occurs. The engine compression brake shall activate upon 0% accelerator when in operation mode and actuate the vehicle's brake lights.

The engine shall utilize a variable geometry turbo (VGT) as an integrated auxiliary engine brake to offer a variable rate of exhaust flow, which when activated in conjunction with the compression brake shall enhance the engine's compression braking capabilities.

AUXILIARY ENGINE BRAKE CONTROL

An engine compression brake control device shall be included. The electronic control device shall monitor various conditions and shall activate the engine brake only if all of the following conditions are simultaneously detected:



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- A valid gear ratio is detected.
- The driver has requested or enabled engine compression brake operation.
- The throttle is at a minimum engine speed position.
- The electronic controller is not presently attempting to execute an electronically controlled final drive gear shift.

The compression brake shall be controlled via an off/low/medium/high virtual button on the Vista display and control screen. The multiplex system shall remember and default to the last engine brake control setting when the vehicle is shut off and re-started.

ELECTRONIC ENGINE OIL LEVEL INDICATOR

The engine oil shall be monitored electronically and shall send a signal to activate a warning in the instrument panel when levels fall below normal. The warning shall activate in a low oil situation upon turning on the master battery and ignition switches without the engine running.

FLUID FILLS

The front of the chassis shall accommodate fluid fill for the engine oil through the grille. This area shall also accommodate a check for the engine oil. The transmission, power steering, and coolant fluid fills and checks shall be under the cab. The windshield washer fill shall be accessible through the front left side mid step.

ENGINE DRAIN PLUG

The engine shall include an original equipment manufacturer installed oil drain plug.

ENGINE WARRANTY

The Cummins engine shall be warranted for a period of five (5) years or 100,000 miles, whichever occurs first.

REMOTE THROTTLE HARNESS

An apparatus interface wiring harness for the engine and transmission pump interlocks shall be supplied with the chassis. The harness shall include a connector for connection to a chassis pump panel harness supplied by the body builder and shall terminate in the left frame rail behind the cab for connection by the body builder. The harness shall include circuits deemed for a pump panel and shall contain circuits for a hand throttle, and a multiplexed gauge. Separate circuits shall also be included for a pump control switch, "Pump Engaged" and "OK to Pump" indicator lights, open compartment ground, start signal, park brake ground, ignition signal, master power, clean power, customer ignition, air horn solenoid switch, high idle switch and high idle indicator light. The harness shall contain interlocks that will prevent shifting to road or pump mode unless the transmission output speed translates to less than 1 mph and the transmission is in neutral. The shift to pump mode shall also require the park brake be set.

ENGINE PROGRAMMING REMOTE THROTTLE

The engine ECM (Electronic Control Module) discreet wire remote throttle circuit shall be turned off for use with a J1939 based pump controller or when the discreet wire remote throttle controls are not required.

ENGINE PROGRAMMING IDLE SPEED



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The engine low idle speed will be programmed at 750 rpm.

ENGINE FAN DRIVE

The engine cooling system fan shall incorporate a thermostatically controlled, Horton clutched type fan drive.

When the clutched fan is disengaged it shall facilitate improved vehicle performance, cab heating in cold climates, and fuel economy. The fan clutch design shall be fail safe so that if the clutch drive fails the fan shall engage to prevent engine overheating due to the fan clutch failure.

ENGINE COOLING SYSTEM

There shall be a heavy-duty aluminum cooling system designed to meet the demands of the emergency response industry. The cooling system shall have the capacity to keep the engine properly cooled under all conditions of road and pumping operations. The cooling system shall be designed and tested to meet or exceed the requirements specified by the engine and transmission manufacturer and all EPA requirements. The complete cooling system shall be mounted to isolate the entire system from vibration or stress. The individual cores of the cooling system shall be mounted in a manner to allow expansion and contraction at various rates without inducing stress into the adjoining cores.

The cooling system shall utilize a charge air cooler to radiator serial flow package that provides the maximum cooling capacity for the specified engine as well as serviceability. The main components shall include a surge tank, an air to air charge air cooler bolted to the front of the radiator, recirculation shields, a shroud, a fan, and required tubing.

The radiator shall be a down-flow design constructed with aluminum cores, plastic end tanks, and a steel frame. The radiator shall be equipped with a drain cock to drain the coolant for serviceability.

The cooling system shall include a one piece injection molded polymer fan with a three (3) piece fiberglass fan shroud.

The cooling system shall be equipped with a surge tank that is capable of removing entrained air from the system. The surge tank shall be equipped with a low coolant probe and rearward oriented sight glass to monitor the level of the coolant. The surge tank shall have a dual seal cap that meets the engine manufacturer's pressure requirements, and allows for expansion and recovery of coolant into a separate integral expansion chamber.

All radiator tubes shall be formed from aluminized steel tubing. Recirculation shields shall be installed where required to prevent heated air from reentering the cooling package and affecting performance.

The charge air cooler shall be a cross-flow design constructed completely of aluminum with cast tanks. All charge air cooler tubes shall be formed from aluminized steel tubing and installed with silicone hump hoses and stainless steel "constant torque" style clamps meeting the engine manufacturer's requirements.

The radiator and charge air cooler shall be removable through the bottom of the chassis.

ENGINE COOLING SYSTEM PROTECTION



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The engine cooling system shall include a recirculation shield designed to act as a light duty skid plate below the radiator to provide additional protection for the engine cooling system from light impacts, stones, and road debris. The skid plate shall be painted to match the frame components.

ENGINE COOLANT

The cooling package shall include Extended Life Coolant (ELC). The use of ELC provides longer intervals between coolant changes over standard coolants providing improved performance. The coolant shall contain a 50/50 mix of ethylene glycol and de-ionized water to keep the coolant from freezing to a temperature of -34 degrees Fahrenheit.

Proposals offering supplemental coolant additives (SCA) shall not be considered, as this is part of the extended life coolant makeup.

ELECTRONIC COOLANT LEVEL INDICATOR

The instrument panel shall feature a low engine coolant indicator light which shall be located in the center of the instrument panel. An audible tone alarm shall also be provided to warn of a low coolant incident.

ENGINE PUMP HEAT EXCHANGER

A single bundle type coolant to water heat exchanger shall be installed between the engine and the radiator. The heat exchanger shall be designed to prohibit water from the pump from coming in contact with the engine coolant. This shall allow the use of water from the discharge side of the pump to assist in cooling the engine.

COOLANT HOSES

The cooling systems hose shall be formed silicone hose and formed aluminized steel tubing and include stainless steel constant torque band clamps.

ENGINE AIR INTAKE

The engine air intake system shall include an ember separator air intake filter which shall be located behind the right hand side headlamp. This filter ember separator shall be designed to protect the downstream air filter from embers, using a combination of unique flat and crimped metal screens packaged in a corrosion resistant heavy duty galvanized steel frame. This multilayered screen shall be design traps embers and allows them to burn out before passing through the pack.

The engine air intake system shall also include a stainless steel air cleaner mounted to the frame and located beneath the cab on the right side of the vehicle. The air cleaner shall utilize a replaceable filter element designed to prevent dust and debris from being ingested into the engine. The air cleaner housing and connections in the air intake system shall be designed to mitigate water intrusion into the system during severe weather conditions.

The air intake system shall also include a restriction indicator light in the warning light cluster on the instrument panel, which shall activate when the air cleaner element requires replacement.



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AIR INTAKE PROTECTION

A light duty skid plate shall be supplied for the engine air intake system below the right front side of the cab. The skid plate shall provide protection for the air intake system from light impacts, stones, and road debris. The skid plate shall be painted to match the frame components.

ENGINE EXHAUST SYSTEM

The exhaust system shall include an end-in end-out horizontally mounted single module after treatment device, downpipe from the charge air cooled turbo. The single module shall include four temperature sensors, diesel particulate filter (DPF), urea dosing module (UL2), and a selective catalytic reduction (SCR) catalyst to meet current EPA standards. The selective catalytic reduction catalyst utilizes a diesel exhaust fluid solution consisting of urea and purified water to convert NOx into nitrogen, water, and trace amounts of carbon dioxide. The solution shall be mixed and injected into the system through the between the DPF and SCR.

The system shall utilize 0.07 inch thick stainless steel exhaust tubing between the engine turbo and the DPF. Zero leak clamps seal all system joints between the turbo and DPF.

The single module after treatment through the end of the tailpipe shall be connected with zero leak clamps. The discharge shall terminate horizontally on the right side of the vehicle ahead of the rear tires.

The exhaust system after treatment module shall be mounted below the frame in the outboard position.

DIESEL EXHAUST FLUID TANK

The exhaust system shall include a molded cross linked polyethylene tank for Diesel Exhaust Fluid (DEF). The tank shall have a capacity of six (6) usable gallons and shall be mounted on the left hand side of the chassis frame behind the batteries below the frame.

The DEF tank shall be designed with capacity for expansion in case of fluid freezing. Engine coolant, which shall be thermostatically controlled, shall be run through lines in the tank to help prevent the DEF from freezing and to provide a means of thawing the fluid if it should become frozen.

The tank fill tube shall be routed under the rear of the cab with the fill neck and splash guard accessible in the top rear step.

ENGINE EXHAUST ACCESSORIES

An exhaust temperature mitigation device shall be shipped loose for installation by the body manufacturer on the vehicle. The temperature mitigation device shall lower the temperature of the exhaust by combining ambient air with the exhaust gasses at the exhaust outlet.

ENGINE EXHAUST WRAP

The exhaust tubing between the engine turbo and the diesel particulate filter (DPF) shall be wrapped with a thermal cover in order to retain the necessary heat for DPF regeneration. The exhaust wrap shall also help protect surrounding components from radiant heat which can be transferred from the exhaust.



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TRANSMISSION

The drive train shall include an Allison model EVS 3000 torque converting, automatic transmission which shall include electronic controls. The transmission shall feature two (2) 10-bolt PTO pads located on the converter housing.

The transmission shall include two (2) internal oil filters and Castrol TranSynd™ synthetic TES 295 transmission fluid which shall be utilized in the lubrication of the EVS transmission. An electronic oil level sensor shall be included with the readout located in the shift selector.

TRANSMISSION MODE PROGRAMMING

The transmission, upon start-up, will automatically select a four (4) speed operation. The fifth speed over drive shall be available with the activation of the mode button on the shifting pad.

TRANSMISSION FEATURE PROGRAMMING

The Allison Gen V-E transmission EVS group package number 127 shall contain the 198 vocational package in consideration of the duty of this apparatus as a pumper. This package shall incorporate an automatic neutral with selector override. This feature commands the transmission to neutral when the park brake is applied, regardless of drive range requested on the shift selector. This requires re-selecting drive range to shift out of neutral for the override.

This package shall be coupled with the use of a split shaft PTO and incorporate pumping circuits. These circuits shall be used allowing the vehicle to operate in the fourth range lockup while operating the pump mode due to the 1 to 1 ratio through the transmission, therefore the output speed of the engine is the input speed to the pump. The pump output can be easily calculated by using this input speed and the drive ratio of the pump itself to rate the gallons of water the pump can provide.

A transmission interface connector shall be provided in the cab. This package shall contain the following input/output circuits to the transmission control module. The Gen V-E transmission shall include prognostic diagnostic capabilities. These capabilities shall include the monitoring of the fluid life, filter change indication, and transmission clutch maintenance.

TRANSMISSION SHIFT SELECTOR

An Allison pressure sensitive range selector touch pad shall be provided and located to the right of the driver within clear view and easy reach. The shift selector shall have a graphical Vacuum Florescent Display (VFD) capable of displaying two lines of text. The shift selector shall provide mode indication and a prognostic indicator (wrench symbol) on the digital display. The prognostics monitor various operating parameters and shall alert you when a specific maintenance function is required.

ELECTRONIC TRANSMISSION OIL LEVEL INDICATOR

The transmission fluid shall be monitored electronically and shall send a signal to activate a warning in the instrument panel when levels fall below normal.

TRANSMISSION PRE-SELECT WITH AUXILIARY BRAKE

When the auxiliary brake is engaged, the transmission shall automatically shift to second gear to decrease the rate of speed assisting the secondary braking system and slowing the vehicle.



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TRANSMISSION COOLING SYSTEM

The transmission shall include a water to oil cooler system located in the cooling loop between the radiator and the engine. The transmission cooling system shall meet all transmission manufacturer requirements. The transmission cooling system shall feature continuous flow of engine bypass water to maintain uninterrupted transmission cooling.

TRANSMISSION DRAIN PLUG

The transmission shall include an original equipment manufacturer installed magnetic transmission fluid drain plug.

TRANSMISSION WARRANTY

The Allison EVS series transmission shall be warranted for a period of five (5) years with unlimited mileage. Parts and labor shall be included in the warranty.

PTO LOCATION

The transmission shall have two (2) power take off (PTO) mounting locations, one (1) in the 8:00 o'clock position and one (1) in the 4:00 o'clock position.

DRIVELINE

All drivelines shall be heavy duty metal tube and equipped with Spicer 1710 series universal joints. The shafts shall be dynamically balanced prior to installation to alleviate future vibration. In areas of the driveline where a slip shaft is required, the splined slip joint shall be coated with Glide Coat®.

PUMP SHIFT CONTROLS

One (1) air pump shift control panel shall be located on the left hand side of the engine tunnel, integrated with the shifter pod. The following shall be provided on the panel: a three (3) position control lever; an engraved PUMP ENGAGED identification light; and an engraved OK TO PUMP identification light. The pump shift control panel shall be black with a yellow border outline and shall include pump instructions. An instruction plate describing the transmission shift selector position used for pumping shall be provided and located so it can be read from the driver's position per NFPA **16.10.1.3**. The road mode shall be selected when the control lever is in the forward position and pump mode shall be selected when the control lever is in the rearward position.

The control lever center position shall exhaust air from both pump and road sides of the pump gear box shift cylinder.

PUMP SHIFT CONTROL PLUMBING

Air connections shall be provided from the air supply tank to the pump shift control valve and from the pump shift control valve to the frame mounted bracket. The frame mounted bracket shall include labeling identifying the pump and road connection points with threaded 0.25 inch NPT fittings on the solenoid for attaching the customer installed pump. The air supply shall be pressure protected from service brake system.



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FUEL FILTER/WATER SEPARATOR

The fuel system shall have a Fleetguard FS1098 fuel filter/ water separator as a primary filter. The fuel filter shall have a drain valve.

A water in fuel sensor shall be provided and wired to an instrument panel lamp and audible alarm to indicate when water is present in the fuel/ water separator.

A secondary fuel filter shall be included as approved by the engine manufacturer.

FUEL LINES

The fuel system supply and return lines installed from the fuel tank to the engine shall be black textile braided lines which are reinforced with braided high tensile steel wire. The fuel lines shall be connected with reusable steel fittings.

FUEL SHUTOFF VALVE

There shall be two (2) fuel shutoff valves which shall be installed, one (1) in the fuel draw line at the primary fuel filter and one (1) in the fuel outlet line at the primary fuel filter to allow the fuel filters to be changed without loss of fuel to the fuel pump.

A third fuel shutoff valve shall be installed in the fuel draw line, near the fuel tank to allow maintenance to be performed with minimal loss of fuel.

ELECTRIC FUEL PRIMER

Integral to the engine assembly is an electric lift pump that serves the purpose of pre-filter fuel priming.

FUEL COOLER

An aluminum cross flow air to fuel cooler shall be provided to lower fuel temperature allowing the vehicle to operate at higher ambient temperatures. The fuel cooler shall be located behind the rear axle.

FUEL TANK

The fuel tank shall have a capacity of sixty-eight (68) gallons and shall measure 35.00 inches in width X 17.00 inches in height X 29.00 inches in length.

The baffled tank shall have a vent port to facilitate venting to the top of the fill neck for rapid filling without "blow-back" and a roll over ball check vent for temperature related fuel expansion and draw.

The tank is designed with dual draw tubes and sender flanges. The tank shall have 2.00 inch NPT fill ports for right or left hand fill. A 0.50 inch NPT drain plug shall be centered in the bottom of the tank.

The fuel tank shall be mounted below the frame, behind the rear axle. Two (2) three-piece strap hanger assemblies with "U" straps bolted midway on the fuel tank front and rear shall be utilized to allow the tank to be easily lowered and removed for service purposes. Rubber isolating pads



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shall be provided between the tank and the upper tank mounting brackets. Strap mounting studs through the rail, hidden behind the body shall not be acceptable.

FUEL TANK MATERIAL AND FINISH

The fuel tank shall be constructed of 12 gauge aluminized steel. The exterior of the tank shall be powder coated black and then painted to match the frame components.

All powder coatings, primers and paint shall be compatible with all metals, pretreatments and primers used. The cross hatch adhesion test per ASTM D3359 Method B, results to be 5B minimum. The pencil hardness test per ASTM D3363 shall have a final post-cured pencil hardness of H-2H. The direct impact resistance test per ASTM D2794, results to be 5B minimum.

Any proposals offering painted fuel tanks with variations from the above process shall not be accepted. The film thickness of vendor supplied parts shall also be sufficient to meet the performance standards as stated above.

FUEL TANK STRAP MATERIAL

The fuel tank straps shall be constructed of ASTM A-36 steel. The fuel tank straps shall be powder coated black and then painted to match the frame components if possible.

FUEL TANK FILL PORT

The fuel tank fill ports shall be provided with two (2) left fill ports located one (1) in the forward position and one (1) in the middle position and the right fill port located in the middle position of the fuel tank.

A 1.50 inch diameter hole shall be provided in the left and right frame rails for vent hose routing provisions. The holes shall be located adjacent to the fuel tank and 5.13 inches up from the bottom of each rail.

FUEL TANK SERVICEABILITY PROVISIONS

The chassis fuel lines shall have additional length provided so the tank can be easily lowered and removed for service purposes. The additional 8.00 feet of length shall be located above the fuel tank and shall be coiled and secured. The fuel line fittings shall be pointed towards the right side (curbside) of the chassis.

FUEL TANK DRAIN PLUG

A 0.5 inch NPT magnetic drain plug shall be centered in the bottom of the fuel tank.

FRONT AXLE

The front axle shall include an independent front suspension (IFS) offering superior ride and improved handling.

The suspension shall utilize fully independent double wishbone arms with carrier and kingpin for optimized scrub radius. Air springs are tuned for ride and help reduce suspension weight. The IFS reduces turn radius with improved wheel cut over beam axles. The hydraulic damper shall feature rebound control to ensure the maximum load stability and superior driver comfort. The



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IFS system shall improve handling and offer better braking because of improved ground to tire ratio. This design shall allow for independent adjustment of the vehicle's alignment settings.

Proposals offering independent front axles comprised of torsion bar style suspensions shall not be considered.

FRONT AXLE WARRANTY

The front axle shall be warranted by Tuthill for three (3) years or 150,000 miles, which ever comes first. Details of the Tuthill warranty are provided on the PDF document attached to this option.

FRONT WHEEL BEARING LUBRICATION

The front axle wheel bearings shall be lubricated with oil. The oil level can be visually checked via clear inspection windows in the front axle hubs.

FRONT SHOCK ABSORBERS

Two (2) Koni shock absorbers shall be provided and installed as part of the front suspension system. Each shock shall deliver improved road handling and durability.

FRONT SUSPENSION

The independent front suspension (IFS) system shall improve handling and offer better braking because of improved ground to tire ratio. Lower spring rates and independent wheel travel shall reduce the shock within the wheel and feedback throughout the axle. Increased roll stiffness reduces chassis lean in cornering. The suspension travel of the IFS shall be approximately 6.50 inches, providing 3.00 inches jounce and 3.50 inches rebound of the suspension. This feature shall offer a smoother ride for personnel and sensitive equipment. The IFS front axle shall be rated between 18,000 and 20,000 pounds.

Proposals offering independent front axles comprised of torsion bar style suspensions shall not be considered.

STEERING COLUMN/ WHEEL

The cab shall include a Douglas Autotech steering column which shall include a seven (7) position tilt, a 2.25 inch telescopic adjustment, and an 18.00 inch, four (4) spoke steering wheel located at the driver's position. The steering wheel shall be covered with black polyurethane foam padding.

The steering column shall contain a horn button, self-canceling turn signal switch, four-way hazard switch and headlamp dimmer switch.

ELECTRONIC POWER STEERING FLUID LEVEL INDICATOR

The power steering fluid shall be monitored electronically and shall send a signal to activate an audible alarm and visual warning in the instrument panel when fluid level falls below normal.



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POWER STEERING PUMP

The hydraulic power steering pump shall be a Vickers V20F and shall be gear driven from the engine. The pump shall be a fixed displacement vane type. The power steering system shall include an oil to air passive cooler.

FRONT AXLE CRAMP ANGLE

The chassis shall have a front axle cramp angle of 53-degrees to the left and right.

POWER STEERING GEAR

The power steering gear shall be a TRW model TAS 85/RCS 85.

CHASSIS ALIGNMENT

The chassis frame rails shall be measured to insure the length is correct and cross checked to make sure they run parallel and are square to each other. The front and rear axles shall be laser aligned. The front tires and wheels shall be aligned and toe-in set on the front tires by the chassis manufacturer.

REAR AXLE

The rear axle shall be a Meritor model RS-25-160 single drive axle. The axle shall include precision forged, single reduction differential gearing, and shall have a fire service rated capacity of 27,000 pounds.

The axle shall be built of superior construction and quality components to provide the rugged dependability needed to stand up to the fire industry's demands. The axle shall include rectangular shaped, hot-formed housing with a standard wall thickness of 0.63 of an inch for extra strength and rigidity and a rigid differential case for high axle strength and reduced maintenance.

The axle shall have heavy-duty Hypoid gearing for longer life, greater strength and quieter operation. Industry-standard wheel ends for compatibility with both disc and drum brakes, and unitized oil seal technology to keep lubricant in and help prevent contaminant damage will be used.

REAR AXLE DIFFERENTIAL LUBRICATION

The rear axle differential shall be lubricated with oil.

REAR AXLE WARRANTY

The rear axle shall be warranted by Meritor for two (2) years with unlimited miles under the general service application. Details of the Meritor warranty are provided on the PDF document attached to this option.

REAR WHEEL BEARING LUBRICATION

The rear axle wheel bearings shall be lubricated with oil.



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VEHICLE TOP SPEED

The top speed of the vehicle shall be approximately 68 MPH +/-2 MPH at governed engine RPM.

REAR SUSPENSION

The single rear axle shall feature a Reyco 79KB vari-rate, self-leveling captive slipper type parabolic five (5) leaf spring pack suspension with 57.50 inch X 3.00 inch springs. The suspension shall also utilize one (1) adjustable and one (1) fixed torque rod.

The rear suspension capacity shall be rated from 21,000 to 26,000 pounds.

REAR RIDE HEIGHT ADJUSTMENT

The rear ride height shall be increased 1.00 inch by the addition of one (1) 1.00 inch thick spacer installed between the springs and the axle. This spacer shall be in addition to any spacers that are normally provided for the specific chassis configuration and may cause the frame to not be level when loaded to the rated capacity of the axles.

FRONT TIRE

The front tires shall be Michelin 365/70R-22.5 20PR "L" tubeless radial XZA highway tread.

The front tire stamped load capacity shall be 21,000 pounds per axle with a speed rating of 75 miles per hour when properly inflated to 125 pounds per square inch.

REAR TIRE

The rear tires shall be Michelin 12R-22.5 16PR "H" tubeless radial XDN2 all-weather tread.

The rear tire stamped load capacity shall be 27,120 pounds per axle with a nominal speed rating of 75 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum load capacity shall be 29,020 pounds per axle with a maximum speed of 75 miles per hour when properly inflated to 120 pounds per square inch.

The Michelin Intermittent Service Rating maximum speed capacity shall match the nominal speed rating.

The Michelin Intermittent Service Rating limits the operation of the emergency vehicle to no more than fifty (50) miles of continuous operation under maximum recommended payload, or without stopping for at least twenty (20) minutes. The emergency vehicle must reduce its speed to no more than 50 MPH after the first fifty (50) miles of travel.

TIRE PRESSURE INDICATOR

There shall be electronic chrome LED valve caps which shall illuminate with a red LED when tire pressure drops 8psi provided. The valve caps are self-calibrating and set to the pressure of the tire upon installation.



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FRONT WHEEL

The front wheels shall be Alcoa hub piloted, 22.50 inch X 10.50 inch polished aluminum wheels. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts. The wheels shall feature one-piece forged strength and shall include Alcoa's Dura-Bright® finish with XBR technology as an integral part of the wheel surface. Alcoa Dura-Bright® wheels keep their shine without polishing. Brake dust, grime and road debris are easily removed by simply cleaning the wheels with soap and water.

REAR WHEEL

The rear wheels shall be Alcoa hub piloted, 22.50 inch X 8.25 inch LuL One™ aluminum wheels with a polished outer surface and Alcoa Dura-Bright® wheel treatment with XBR® technology as an integral part of the wheel. The hub piloted mounting system shall provide easy installation and shall include two-piece flange nuts.

BALANCE WHEELS AND TIRES

All of the wheels and tires, including any spare wheels and tire assemblies, shall be dynamically balanced.

WHEEL TRIM

The front wheels shall include stainless steel lug nut covers and stainless steel baby moons. The baby moons shall have cutouts for oil seal viewing when applicable.

The rear wheels shall include stainless steel lug nut covers and band mounted spring clip stainless steel high hats.

The lug nut covers, baby moons, and high hats shall be RealWheels® brand constructed of 304L grade, non-corrosive stainless steel with a mirror finish. Each wheel trim component shall meet D.O.T. certification.

BRAKE SYSTEM

A rapid build-up air brake system shall be provided. The air brakes shall include a two (2) air tank, three (3) reservoir system with a total of 4152 cubic inch of air capacity. A floor mounted treadle valve shall be mounted inside the cab for graduated control of applying and releasing the brakes. An inversion valve shall be installed to provide a controlled service brake application during the unlikely event of primary air supply loss. All air reservoirs provided on the chassis shall be labeled for identification.

The rear axle spring brakes shall automatically apply in any situation when the air pressure falls below 25 PSI and shall include a mechanical means for releasing the spring brakes when necessary. An audible alarm shall designate when the system air pressure is below 60 PSI.

A four (4) sensor, four (4) modulator Anti-lock Braking System (ABS) shall be installed on the front and rear axles in order to prevent the brakes from locking or skidding while braking during hard stops or on icy or wet surfaces. This in turn shall allow the driver to maintain steering control under heavy braking and in most instances, shorten the braking distance. The electronic monitoring system shall incorporate diagonal circuitry which shall monitor wheel speed during braking through a sensor and tone ring on each wheel. A dash mounted ABS lamp shall be provided to notify the driver of a system malfunction. The ABS system shall automatically



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disengage the auxiliary braking system device when required. The speedometer screen shall be capable of reporting all active defaults using PID/SID and FMI standards.

Additional safety shall be accommodated through Automatic Traction Control (ATC) which shall be installed on the single rear axle. The ATC system shall apply the ABS when the drive wheels lose traction. The system shall scale the electronic engine throttle back to prevent wheel spin while accelerating on ice or wet surfaces. The ATC light shall illuminate during excessive wheel slip and ATC is operational.

A virtual style switch shall be provided and properly labeled "mud/snow". When the switch is pressed once, the system shall allow a momentary wheel slip to obtain traction under extreme mud and snow conditions. During this condition the ATC light shall blink continuously notifying the driver of activation. Pressing the switch again shall deactivate the mud/snow feature.

FRONT BRAKES

The front brakes shall be Bendix ADB 22X disc brakes with 17.00 inch vented rotors.

REAR BRAKES

The rear brakes shall be Meritor EX225 Disc Plus disc brakes with 17.00 inch vented rotors.

PARK BRAKE

Upon application of the push-pull valve in the cab, the rear brakes will engage via mechanical spring force. This is accomplished by dual chamber rear brakes, satisfying the FMVSS parking brake requirements.

PARK BRAKE CONTROL

A Meritor-Wabco manual hand control push-pull style valve shall operate the parking brake system. The control shall be yellow in color.

The parking brake actuation valve shall be mounted in the switch panel. A horizontal orientation guard shall be installed over the parking brake control to prevent accidental application or release.

AIR DRYER

The brake system shall include a Wabco System Saver 1200 air dryer with an integral heater with a Metri-Pack sealed connector. The air dryer incorporates an internal turbo cutoff valve that closes the path between the air compressor and air dryer purge valve during the compressor "unload" cycle. The turbo cutoff valve allows purging of moisture and contaminants without the loss of turbo boost pressure. The air dryer shall be mounted behind the battery box on the left hand side.

FRONT BRAKE CHAMBERS

The front brakes shall be provided with type 24 brake chambers as supplied with the independent front suspension axle.



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REAR BRAKE CHAMBERS

The rear axle shall include TSE 24/30 H.O.T. (High Output Technology) brake chambers shall convert the energy of compressed air into mechanical force and motion. This shall actuate the brake camshaft, which in turn shall operate the foundational brake mechanism forcing the brake pads against the brake rotor.

AIR COMPRESSOR

The air compressor provided for the engine shall be a Wabco® SS318 single cylinder pass-through drive type compressor which shall be capable of producing 18.7 CFM at 1200 engine RPMs. The air compressor shall feature a higher delivery efficiency translating to more air delivery per horsepower absorbed. The compressor shall include an aluminum cylinder head which shall improve cooling, reduce weight and decrease carbon formation. Superior piston and bore finishing technology shall reduce oil consumption and significantly increasing the system component life.

AIR GOVERNOR

An air governor shall be provided to control the cut-in and cut-out pressures of the engine mounted air compressor. The governor shall be calibrated to meet FMVSS requirements. The air governor shall be located on the air dryer bracket on the left frame rail behind the battery box.

AUXILIARY AIR RESERVOIR

One (1) auxiliary air reservoir with a 2084 cubic inch capacity shall be installed on the chassis to act as an additional reserve supply to the air system for air horn, air tool, or other non-service brake use. The reservoir shall be isolated with a 90 PSI pressure protection valve on the reservoir supply side to prevent depletion of the air to the air brake system.

MOISTURE EJECTORS

A heated, automatic moisture ejector with a manual drain provision shall be installed on the wet tank of the air supply system. The reservoir located above the fuel tank shall have a manual cable actuation drain valve installed with an actuation pull cable routed to the nearest accessible location under the chassis. Manual pet-cock type drain valves shall be installed on all remaining reservoirs of the air supply system.

AIR SUPPLY LINES

The air system on the chassis shall be plumbed with color coded reinforced nylon tubing air lines. The primary (rear) brake line shall be green, the secondary (front) brake line red, the parking brake line orange and the auxiliary (outlet) will be blue.

Brass compression type fittings shall be used on the nylon tubing. All drop hoses shall include fiber reinforced neoprene covered hoses.

AUXILIARY AIR CONNECTION

An auxiliary air line shall be plumbed off the auxiliary air tank and routed inside the cab terminating under the center dash area.



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AIR TANK SPACERS

There shall be spacers included with the air tank mounting. The spacers shall move the air tanks 3.00 inches inward towards the center of the chassis. This shall provide clearance between the air tanks and the frame for body U-bolt clearance.

REAR AIR TANK MOUNTING

If a combination of wheel base, air tank quantity, or other requirements necessitate the location of one or more air tanks to be mounted rear of the fuel tank, these tank(s) will be mounted parallel to frame.

WHEELBASE

The chassis wheelbase shall be 184.00 inches.

REAR OVERHANG

The chassis rear overhang shall be 47.00 inches.

FRAME

The frame shall consist of double rails running parallel to each other with cross members forming a ladder style frame. The frame rails shall be formed in the shape of a "C" channel, with the outer rail measuring 10.25 inches high X 3.50 inches deep upper and lower flanges X 0.38 inches thick with an inner channel of 9.44 inches high X 3.13 inches deep and 0.38 inches thick. Each rail shall be constructed of 110,000 psi minimum yield high strength low alloy steel. Each double rail section shall be rated by a Resistance Bending Moment (RBM) minimum of 3,213,100 inch pounds and have a minimum section modulus of 29.21 cubic inches. The frame shall measure 35.00 inches in width.

Proposals calculating the frame strength using the "box method" shall not be considered.

Proposals including heat treated rails shall not be considered. Heat treating frame rails produces rails that are not uniform in their mechanical properties throughout the length of the rail. Rails made of high strength, low alloy steel are already at the required yield strength prior to forming the rail.

A minimum of seven (7) fully gusseted 0.25 inch thick cross members shall be installed. The inclusion of the body mounting, or bumper mounting shall not be considered as a cross member. The cross members shall be attached using zinc coated grade 8 fasteners. The bolt heads shall be flanged type, held in place by distorted thread flanged lock nuts. Each cross member shall be mounted to the frame rails utilizing a minimum of 0.25 inch thick gusset reinforcement plates at all corners balancing the area of force throughout the entire frame.

Any proposals not including additional reinforcement for each cross member shall not be considered.

All relief areas shall be cut in with a minimum 2.00 inch radius at intersection points with the edges ground to a smooth finish to prevent a stress concentration point.

The frame and cross members shall carry a lifetime warranty to the original purchaser. A copy of the frame warranty shall be made available upon request.



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Proposals offering warranties for frames not including cross members shall not be considered.

FRAME WARRANTY

Summary of Warranty Terms:

THE FOLLOWING IS SUMMARY OF WARRANTY TERMS FOR INFORMATION ONLY. THE ACTUAL LIMITED WARRANTY DOCUMENT, WHICH IS ATTACHED TO THIS OPTION, CONTAINS THE COMPLETE STATEMENT OF THE SPARTAN MOTORS USA LIMITED WARRANTY. SPARTAN'S RESPONSIBILITY IS TO BE ACCORDING TO THE TERMS OF THE COMPLETE LIMITED WARRANTY DOCUMENT.

The frame and cross members shall carry a limited lifetime warranty to the original purchaser. The warranty period shall commence on the date the vehicle is delivered to the first end user.

MISCELLANEOUS FRAME OPTIONS

The frame shall include hole patterns which shall be specific to Spartan ER body mounting.

REAR TOW DEVICE

The frame rails shall contain (6) holes per frame in a pattern specified for mounting Spartan ER tow eyes at the rear of the frame.

FRAME PAINT

The frame rails shall be hot dip galvanized prior to assembly and attachment of any components. The components that shall be galvanized shall include:

- *Main frame "C" channel or channels*

The frame parts which are not galvanized shall be powder coated prior to any attachment of components. Parts which shall be powder coated shall include but are not limited to:

- *Steering gear bracket*
- *Front splayed rails and fish plates*
- *Bumper extensions*
- *Cross members*
- *Cross member gussets*
- *Fuel tank mounting brackets*
- *Fuel tank straps (unless material/finish is specified in 3130 subcat)*
- *Air tanks (unless color coded tanks are specified in 3205 subcat)*
- *Air tank mounting brackets*
- *Exhaust mounting brackets*
- *Air cleaner skid plate*
- *Radiator skid plate*
- *Battery supports, battery trays and battery covers*

Other non-galvanized under carriage components which are received from the suppliers with coatings already applied shall include but are not limited to:

- *Suspension components*
- *Front and rear axles*



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All powder coatings, primers and paint used on the non-galvanized components shall be compatible with all metals, pretreatments and primers used. The cross hatch adhesion test per ASTM D3359 shall not have a fail of more than ten (10) squares. The pencil hardness test per ASTM D3363 shall have a final post-cured pencil hardness of H-2H. The direct impact resistance test per ASTM D2794 shall have an impact resistance of 120.00 inches per pound at 2 mils.

REAR MUD FLAP

The unit shall be equipped with a temporary wooden fender and mud flap assembly for transport to the body manufacturer.

FRONT BUMPER

The chassis shall be equipped with a severe duty front bumper constructed from structural steel channel. The bumper material shall be 0.38 thick ASTM A36 steel which shall measure 12.00 inches high with a 3.05 inch flange and shall be 99.00 inches wide with angled front corners.

The bumper shall be primed and painted as specified.

FRONT BUMPER EXTENSION LENGTH

The front bumper shall be extended approximately 21.00 inches ahead of the cab.

FRONT BUMPER PAINT

The front bumper shall be painted the same as the lower cab color.

FRONT BUMPER TRIM

The bumper shall include a reflective tape chevron with red and yellow stripes.

FRONT BUMPER APRON

The 21.00 inch extended front bumper shall include an apron constructed of 0.19 inch thick embossed aluminum tread plate.

The apron shall be installed between the bumper and the front face of the cab affixed using stainless steel bolts attaching the apron to the top bumper flange.

FRONT BUMPER COMPARTMENT CENTER

The front bumper shall include a compartment in the bumper apron located in the center between the frame rails which may be used as a hose well. The compartment shall be constructed of 0.13 inch 5052-H32 grade aluminum and shall include drain holes in the bottom corners to allow excess moisture to escape. The compartment shall be the full size of available space in the apron from the cab fascia to the bumper and 38.00 inches wide X 10.88 inches deep. The clear opening shall be 37.75 inches wide. The compartment shall include a cover constructed of 0.19 inch thick bright embossed aluminum tread plate.



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FRONT BUMPER COMPARTMENT COVER HARDWARE

The front bumper compartment cover(s) shall include gas cylinder stays which shall hold the cover open. Each cover shall be held in the closed position via a D-ring style latch.

MECHANICAL SIREN

The front bumper shall include an electro mechanical Federal Q2B™ siren, which shall be streamlined, chrome-plated and shall produce 123 decibels of sound at 10.00 feet. The Q2B™ siren produces a distinctive warning sound that is recognizable at long distances. A unique clutch design provides a longer coast down sound while reducing the amp draw to 100 amps. The siren shall measure 10.50 inches wide X 10.00 inches high X 14.00 inches deep. The siren shall include a pedestal mount to surface mount on a horizontal surface.

MECHANICAL SIREN LOCATION

The siren shall be pedestal mounted on the bumper apron on the furthest outboard section of the bumper on the driver side.

AIR HORN

The chassis shall include two (2) Grover brand Stutter Tone air horns which shall measure 24.50 inches long with a 6.00 inch round flare. The air horns shall be trumpet style with a chrome finish.

AIR HORN LOCATION

The air horns shall be recess mounted in the front bumper face, one (1) on the right side of the bumper in the outboard position relative to the right hand frame rail and one (1) on the left side of the bumper in the outboard position relative to the left hand frame rail.

AIR HORN RESERVOIR

Two (2) air reservoirs, with a 1200 cubic inch capacity each, shall be installed on the chassis to act as a supply tank for operating air horns. The reservoirs shall be isolated with a 90 PSI pressure protection valve on the reservoir supply side to prevent depletion of the air to the air brake system. Each of the two tanks will supply air to one horn independent of the other horn.

ELECTRONIC SIREN SPEAKER

There shall be two (2) Cast Products Inc. model SA4301, 100 watt speakers provided. Each speaker shall measure 6.20 inches tall X 7.36 inches wide X 3.06 inches deep. Each speaker shall include a flat mounting flange which shall be polished aluminum.

ELECTRONIC SIREN SPEAKER LOCATION

The two (2) electronic siren speakers shall be located on the front bumper face outboard of the frame rails with one (1) on the right side and one (1) on the left side in the inboard positions.



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FRONT BUMPER TOW HOOKS

Two (2) heavy duty tow hooks, painted to match the frame components, shall be installed below the front bumper in the forward position, bolted directly to the underside of each chassis frame rail with grade 8 bolts.

CAB TILT SYSTEM

The entire cab shall be capable of tilting approximately 45-degrees to allow for easy maintenance of the engine and transmission. The cab tilt pump assembly shall be located on the right side of the chassis above the battery box.

The electric-over-hydraulic lift system shall include an ignition interlock and red cab lock down indicator lamp on the tilt control which shall illuminate when holding the "Down" button to indicate safe road operation.

It shall be necessary to activate the master battery switch and set the parking brake in order to tilt the cab. As a third precaution the ignition switch must be turned off to complete the cab tilt interlock safety circuit.

Two (2) spring-loaded hydraulic hold down hooks located outboard of the frame shall be installed to hold the cab securely to the frame. Once the hold-down hooks are set in place, it shall take the application of pressure from the hydraulic cab tilt lift pump to release the hooks.

Two (2) cab tilt cylinders shall be provided with velocity fuses in each cylinder port. The cab tilt pivots shall be 1.90 inch ball and be anchored to frame brackets with 1.25 inch diameter studs.

A steel safety channel assembly, painted safety yellow shall be installed on the right side cab lift cylinder to prevent accidental cab lowering. The safety channel assembly shall fall over the lift cylinder when the cab is in the fully tilted position. A cable release system shall also be provided to retract the safety channel assembly from the lift cylinder to allow the lowering of the cab.

CAB TILT LIMIT SWITCH

A cab tilt limit switch shall be installed. The switch will effectively limit the travel of the cab when being tilted. The limit adjustment of the switch shall be preset by the chassis manufacturer to prevent damage to the cab or any bumper mounted option mounted in the cab tilt arc. Further adjustment to the limit by the apparatus manufacturer shall be available to accommodate additional equipment.

CAB TILT CONTROL RECEPTACLE

A 25.00 foot cab tilt control harness shall be provided on the right side of frame just behind the cab. This harness shall consist of an 8.00 foot harness connected to the tilt pump and a 17.00 foot extension harness with a six (6) pin Deutsch connector with cap for mounting in a compartment in the body.

The remote control pendant shall include 20.00 feet of cable with a mating Deutsch connector. The remote control pendant shall be shipped loose with the chassis.



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CAB TILT LOCK DOWN INDICATOR

The cab dash shall include a message located within the dual air pressure gauge which shall alert the driver when the cab is unlocked and ajar. The alert message shall cease to be displayed when the cab is in the fully lowered position and the hold down hooks are secured and locked to the cab mounts.

In addition to the alert message an audible alarm shall sound when the cab is unlocked and ajar with the parking brake released.

CAB WINDSHIELD

The cab windshield shall have a surface area of 2825.00 square inches and be of a two (2) piece wraparound design for maximum visibility.

The glass utilized for the windshield shall include standard automotive tint. The left and right windshield shall be fully interchangeable thereby minimizing stocking and replacement costs.

Each windshield shall be installed using black self locking window rubber.

GLASS FRONT DOOR

The front cab doors shall include a window which is 27.00 inches in width X 26.00 inches in height. These windows shall have the capability to roll down completely into the door housing. This shall be accomplished manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

There shall be an irregular shaped fixed window which shall measure 2.50 inches wide at the top, 8.00 inches wide at the bottom X 26.00 inches in height, more commonly known as "cozy glass" ahead of the front door roll down windows.

The windows shall be mounted within the frame of the front doors trimmed with a black anodized ring on the exterior.

GLASS TINT FRONT DOOR

The windows located in the left and right front doors shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

GLASS REAR DOOR RH

The rear right hand side door shall include a window which is 27.00 inches in width X 26.00 inches in height. This window shall roll up and down manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

GLASS TINT REAR DOOR RIGHT HAND

The window located in the right hand side rear window shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.



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GLASS REAR DOOR LH

The rear left hand side door shall include a window which is 27.00 inches in width X 26.00 inches in height. This window shall roll up and down manually utilizing a crank style handle on the inside of the door. A reinforced window regulator assembly shall be provided for severe duty use.

GLASS TINT REAR DOOR LEFT HAND

The window located in the left hand side rear door shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

GLASS SIDE MID RH

The cab shall include a window on the right side behind the front and ahead of the crew door which shall measure 16.00 inches wide X 26.00 inches high. This window shall be fixed within this space and shall be rectangular in shape. The window shall be mounted using self locking window rubber. The glass utilized for this window shall include a green automotive tint unless otherwise noted.

GLASS TINT SIDE MID RIGHT HAND

The window located on the right hand side of the cab between the front and rear doors shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

GLASS SIDE MID LH

The cab shall include a window on the left side behind the front door and ahead of the crew door and above the wheel well which shall measure 16.00 inches wide X 26.00 inches high. This window shall be fixed within this space and shall be rectangular in shape. The window shall be mounted using self locking window rubber. The glass utilized for this window shall include a green automotive tint unless otherwise noted.

GLASS TINT SIDE MID LEFT HAND

The window located on the left hand side of the cab between the front and rear doors shall include a dark gray automotive tint which shall allow forty-five percent (45%) light transmittance. The dark tint shall aid in cab cooling and help protect passengers from radiant solar energy.

CLIMATE CONTROL

A ceiling mounted combination defroster and cabin heating and air conditioning system shall be located above the engine tunnel area. The system covers and plenums shall be of severe duty design made of aluminum which shall be coated with a customer specified interior paint. The design of the system's covers shall provide quick access to washable air intake filters as well as easy access to other serviceable items.

The air delivery plenums provide targeted airflow directly to the vehicle occupants. Six (6) adjustable louvers will provide comfort for the front seat occupants and ten (10) adjustable louvers will provide comfort for the rear crew occupants.



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The system shall be capable of producing up to 12 FPM of air velocity at all occupant seating positions. Separate front and rear blower motors shall be of brushless design and shall be controlled independently. It shall be capable of reducing the interior cabin air temperature from 122° F (+/- 3° F) to 80° F in thirty minutes with 50% relative humidity and full solar load as described in SAE J2646.

The system shall also provide heater pull up performance which meets or exceeds the performance requirements of SAE J1612 as well as defrost performance that meets or exceeds the performance requirements of SAE J381.

A gravity drain system shall be provided that is capable of evacuating condensate from the vehicle while on a slope of up to a 13% grade in any direction.

The air conditioning system plumbing shall be a mixture of custom bent zinc coated steel fittings and Aeroquip flexible hose with Aeroquip EZ-Clip fittings.

The overhead heater/defroster plumbing shall include an electronic flow control valve that re-directs hot coolant away from the evaporator, via a bypass loop, as the temperature control is moved toward the cold position.

Any component which needs to be accessed to perform system troubleshooting shall be accessible by one person using basic hand tools. Regularly serviced items shall be replaceable by one person using basic hand tools.

****Spartan Motors Inc. recommends that the overall climate system performance be based off third-party testing in accordance to Society of Automotive Engineering standards as a complete system.**

Individual component level BTU ratings is not an accurate indicator of the performance capability of the completed system. System individual component BTU ratings:

- Air conditioning evaporator total BTU/HR: 82,000
- Air conditioning condenser total BTU/HR: 59,000
- Heater coil total BTU/HR: 98,000

Performance data specified is based on testing performed by an independent third-party test facility using a medium four-door 10" Raised roof Gladiator chassis equipped with an ISL engine.

CLIMATE CONTROL DRAIN

The climate control system shall include a gravity drain for water management. The gravity drain shall remove condensation from the air conditioning system without additional mechanical assistance.

CLIMATE CONTROL ACTIVATION

The heating, defrosting and air conditioning controls shall be located on the center dash panel in the upper left hand side, in a position which is easily accessible to the driver. The climate control shall be activated by a rotary switch.



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HVAC OVERHEAD COVER PAINT

The overhead HVAC cover shall be painted with a multi-tone silver gray texture finish.

A/C CONDENSER LOCATION

A roof mounted A/C condenser shall be installed centered on the cab forward of the raised roof against the slope rise.

A/C COMPRESSOR

The air-conditioning compressor shall be a belt driven, engine mounted compressor. The compressor shall be compatible with R134-a refrigerant.

*****Spartan Motors Inc. recommends that the overall climate system performance be based off third-party testing in accordance to Society of Automotive Engineering standards as a complete system.***

Individual component level ratings are not an accurate indicator of the performance capability of the completed system.

Refrigerant Compressor displacement: 19.1 cubic inches per revolution.

UNDER CAB INSULATION

The underside of the cab tunnel surrounding the engine and the underside of the entire cab floor shall be lined with multi-layer insulation, engineered for application inside diesel engine compartments. In addition, the insulation on the underside of the cab floor shall have an expanded metal overlay to assist in retaining the insulation tight against the cab and the insulation inside the tunnel shall have a removable aluminum overlay installed to protect the insulation and assist in retaining the insulation tight against the engine tunnel surfaces.

The insulation shall act as a noise barrier, absorbing noise thus keeping the decibel level in the cab well within NFPA recommendations. As an additional benefit, the insulation shall assist in sustaining the desired temperature within the cab interior.

The engine tunnel insulation shall measure approximately 0.75 inch thick including a vertically lapped polyester fiber layer, a 1.0 lb/ft² PVC barrier layer, an open cell foam layer, and a moisture and heat reflective foil facing reinforced with a woven fiberglass layer. The foil surface acts as protection against moisture and other contaminants. The insulation shall meet or exceed FMVSS 302 flammability test.

The cab floor insulation shall measure 0.56 inch thick including a 1.0#/sf PVC barrier and a moisture and heat reflective foil facing, reinforced with fiberglass strands. The foil surface acts as protection against moisture and other contaminants. The insulation shall meet or exceed FMVSS 302 flammability test.

The insulation shall be cut precisely to fit each section and sealed for additional heat and sound deflection. The insulation shall be held in place by 3 mils of acrylic pressure sensitive adhesive and aluminum pins with hard hat, hold in place fastening heads.



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INTERIOR TRIM FLOOR

The floor of the cab shall be covered with a multi-layer mat consisting of 0.25 inch thick sound absorbing closed cell foam with a 0.06 inch thick non-slip vinyl surface with a pebble grain finish. The covering shall be held in place by a pressure sensitive adhesive and embossed treadplate trim that shall wrap 2" horizontally and vertically. All exposed seams shall be sealed with silicone caulk matching the color of the floor mat to reduce the chance of moisture and debris retention.

INTERIOR TRIM

The cab interior shall include trim on the front ceiling, rear crew ceiling, and the cab walls. It shall be easily removable to assist in maintenance. The trim shall be constructed of insulated vinyl over a hard board backing.

REAR WALL INTERIOR TRIM

The rear wall of the cab shall be trimmed with vinyl.

HEADER TRIM

The cab interior shall feature header trim over the driver and officer dash constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum.

TRIM CENTER DASH

The main center dash area shall be constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum plate. There shall be four (4) holes located on the top of the dash near each outer edge of the electrical access cover for ventilation. The center dash electrical access cover shall include a gas cylinder stay which shall hold the cover open during maintenance.

TRIM LH DASH

The left hand dash shall be constructed of 5052-H32 Marine Grade, 0.13 inch thick aluminum plate for a perfect fit around the instrument panel. For increased occupant protection the extreme duty left hand dash utilizes patent pending break away technology to reduce rigidity in the event of a frontal crash. The left hand dash shall offer lower vertical surface area to the left and right of the steering column to accommodate control panels.

TRIM RH DASH

The right hand dash shall be constructed of 5052-H32 Marine Grade, 0.13 of an inch thick aluminum plate and shall include a glove compartment with a hinged door and a Mobile Data Terminal (MDT) provision. The glove compartment size will measure 14.00 inches wide X 6.38 inches high X 5.88 inches deep. The MDT provision shall be provided above the glove compartment.

ENGINE TUNNEL TRIM

The cab engine tunnel shall be covered with a multi-layer mat consisting of 0.25 inch closed cell foam with a 0.06 inch thick non-slip vinyl surface with a pebble grain finish. The mat shall be held in place by pressure sensitive adhesive. The engine tunnel mat shall be trimmed with anodized aluminum stair nosing trim for an aesthetically pleasing appearance.



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POWER POINT DASH MOUNT

The cab shall include a dual universal serial bus (USB) charging receptacle in the cab dash offset to the right hand side below the center switch panel to provide a power source for USB chargeable electrical equipment. The dual USB receptacle shall include two ports and shall be capable of up to a 5 Volt 2.1 amp output. Port 1 is optimized for fast charging at 1 amp. Port 2 is optimized for fast charging up to 2.1 amps, when used individually. The receptacles shall be wired battery direct.

AUXILIARY POWER POINT ENGINE TUNNEL

The cab interior shall include a universal serial bus (USB) charging receptacle to provide a power source for USB chargeable electrical equipment. The dual USB receptacle shall include two ports and shall be capable of up to a 5 Volt 2.1 amp output. Port 1 is optimized for fast charging at 1 amp. Port 2 is optimized for fast charging up to 2.1 amps, when used individually. The receptacles shall be wired battery direct. The receptacle shall be located in the mirror control switch panel in the extreme duty dash near the transmission shift module on the tunnel.

STEP TRIM

Each cab entry door shall include a three step entry. The first step closest to the ground shall be constructed of polished 5052 H32 aluminum Grip Strut® grating with angled outer corners. The grating shall allow water and other debris to flow through rather than becoming trapped within the stepping surface. The lower step shall be mounted to a frame which is integral with the construction of the cab for rigidity and strength. The middle step shall be integral with the cab construction and shall be trimmed in 0.08 inch thick 3003-H22 embossed aluminum tread plate.

STEP TRIM KICKPLATE

The cab steps shall include a kick plate in the rise of each step. The risers shall be trimmed in 3003-H22 bright aluminum tread-plate which is 0.07 inch thick.

UNDER CAB ACCESS DOOR

The cab shall include an access door in the left crew step riser constructed of aluminum tread plate with a push and turn latch. The under cab access door shall provide access to the diesel exhaust fluid fill.

INTERIOR DOOR TRIM

The interior trim on the doors of the cab shall consist of an aluminum panel constructed of Marine Grade 5052-H32 0.13 of an inch thick aluminum plate. The door panels shall include a painted finish.

CAB DOOR TRIM REFLECTIVE

In accordance with the current standards of NFPA, the body builder shall provide 96.00 square inches of reflective material on the interior of each cab door.

INTERIOR GRAB HANDLE "A" PILLAR

There shall be two (2) rubber covered 11.00 inch grab handles installed inside the cab, one on each "A" post at the left and right door openings. The left handle shall be located 7.88 inches



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above the bottom of the door window opening and the right handle shall be located 2.88 inches above the bottom of the door window opening. The handles shall assist personnel in entering and exiting the cab.

INTERIOR GRAB HANDLE FRONT DOOR

Each front door shall include one (1) ergonomically contoured 9.00 inch cast aluminum horizontal grab handle which shall be located at the upper-most center of the door panel, and one (1) 9.00 inch vertical grab handle which shall be located outboard of the paddle latch at the center of the door panel. Each handle shall feature a DA sand finish and assist personnel entering and exiting the cab.

INTERIOR GRAB HANDLE REAR DOOR

A DA sanded cast aluminum assist handle shall be provided on the inside of each rear crew door. A 30.00 inch long handle shall extend horizontally the width of the window just above the window sill. The handle shall assist personnel in exiting and entering the cab.

INTERIOR SOFT TRIM COLOR

The cab interior soft trim surfaces shall be gray in color.

INTERIOR TRIM SUNVISOR

The header shall include two (2) sun visors, one each side forward of the driver and officer seating positions above the windshield. Each sun visor shall be constructed of Masonite and covered with padded vinyl trim.

INTERIOR FLOOR MAT COLOR

The cab interior floor mat shall be gray in color.

CAB PAINT INTERIOR

The inner door panel surfaces shall feature a medium gray Spar-Liner spray on bedliner coating.

HEADER TRIM INTERIOR PAINT

The metal surfaces in the header area shall feature a medium gray Spar-Liner spray on bedliner coating.

TRIM CENTER DASH INTERIOR PAINT

The entire center dash and any accessory pods attached to the dash shall feature a medium gray Spar-Liner spray on bedliner coating.

TRIM LEFT HAND DASH INTERIOR PAINT

The left hand dash shall feature a medium gray Spar-Liner spray on bedliner coating.

TRIM RIGHT HAND DASH INTERIOR PAINT

The right hand dash shall feature a medium gray Spar-Liner spray on bedliner coating.



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DASH PANEL GROUP

The main center dash area shall include three (3) aluminum removable panels located one (1) to the right of the driver position, one (1) in the center of the dash and one (1) to the left of the officer position. The panels shall be coated with a black texture finish. The center panel shall be within comfortable reach of both the driver and officer.

SWITCHES CENTER PANEL

The center dash panel shall include no rocker switches or legends.

SWITCHES LEFT PANEL

The left dash panel shall include three (3) switches. Two (2) of the switches shall be rocker type and the left one (1) shall be the windshield wiper/washer control switch.

A rocker switch with a blank legend installed directly above shall be provided for any position not designated by a specific option. The non-designated switches shall be two-position, black switches with a green indicator light. Each blank switch legend can be custom engraved by the body manufacturer. All switch legends shall have backlighting provided.

SWITCHES RIGHT PANEL

The right dash panel shall six (6) rocker switch positions in a three (3) over three (3) switch configuration.

A rocker switch with a blank legend installed directly above shall be provided for any position without a switch and legend designated by a specific option. The non-specified switches shall be two-position, black switches with a green indicator light. Each blank switch legend can be custom engraved by the body manufacturer. All switch legends shall have backlighting provided.

SEAT BELT WARNING

A Weldon seat belt warning system, integrated with the Vehicle Data Recorder system, shall be installed for each seat within the cab. The system shall provide a visual warning indicator in the Vista display and control screen(s), an indicator light in the instrument panel, and an audible alarm.

The warning system shall activate when any seat is occupied with a minimum of 60 pounds, the corresponding seat belt remains unfastened, and the park brake is released. The warning system shall also activate when any seat is occupied, the corresponding seat belt was fastened in an incorrect sequence, and the park brake is released. Once activated, the visual indicators and audible alarm shall remain active until all occupied seats have the seat belts fastened.

SEAT MATERIAL

The Bostrom Firefighter seats shall include a covering of extra high strength, wear resistant fabric made of durable Durawear Plus™ ballistic polyester. A PVC coating shall be bonded to the back side of the material to help protect the seats from UV rays and from being saturated or contaminated by fluids. Durawear Plus™ meets or exceeds specification of the common trade name Imperial 1800. The material meets FMVSS 302 flammability requirements. If applicable, Theatre style seats located in the cab shall be high strength, wear resistant fabric made of durable ballistic polyester. A PVC coating shall be bonded to the back side of the



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material to help protect the seats from UV rays and from being saturated or contaminated by fluids. Common trade names for this material are Imperial 1200 and Durawear.

SEAT COLOR

All seats supplied with the chassis shall be gray in color. All seats shall include red seat belts.

SEAT BACK LOGO

The seat back shall include the "Spartan" logo. The logo shall be centered on the standard headrest of the seat back and on the left side of a split headrest.

SEAT DRIVER

The driver's seat shall be an H.O. Bostrom 500 Series Firefighter Sierra model seat. The seat shall feature eight-way electric positioning. The eight positions shall include up and down, fore and aft with 8.00 inches of travel, back angle adjustment and seat rake adjustment. The seat shall feature integral springs to isolate shock.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt, automatic retractor and buckle as an integral part of the seat assembly. The ABTS feature shall also include the RiteHite™ shoulder adjustment feature to provide enhanced comfort and safety by allowing customized seat belt fit.

The minimum vertical dimension from the seat H-point to the ceiling for this belted seating position shall be 35.00 inches measured with the seat height adjusted to the lowest position of travel.

This model of seat shall have successfully completed the static load tests set forth by FMVSS 207, 209, and 210 in effect at the time of manufacture. This testing shall include a simultaneous forward load of 3000 pounds each on the lap and shoulder belts and twenty (20) times the weight through the center of gravity.

The materials used in construction of the seat shall also have successfully completed testing with regard to the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which dictates the allowable burning rate of materials in the occupant compartments of motor vehicles.

SEAT BACK DRIVER

The driver's seat shall include a standard seat back incorporating the all belts to seat feature (ABTS). The seat back shall feature a contoured head rest.

SEAT MOUNTING DRIVER

The driver's seat shall be installed in an ergonomic position in relation to the cab dash.

OCCUPANT PROTECTION DRIVER

The driver's position shall be equipped with the Advanced Protection System™ (APS). The APS shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, side impact, and rollover events. The increase in survivable space and security of the APS shall also provide ejection mitigation protection.



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The driver's seating area APS shall include:

- *Advanced seat belt system - retractor pre-tensioner tightens the seat belt around the driver, securing the occupant in the seat and the load limiter plays out some of the seat belt webbing to reduce seat belt to chest and torso force upon impact as well as mitigate head and neck injuries.*
- *Large side curtain airbag - protects the driver's head, neck, and upper body from dangerous cab side surfaces and contact points with intrusive surfaces as a result of a collision as well as provides ejection mitigation protection to the driver in a qualifying event by covering the window and the upper portion of the door.*
- *Dual knee airbags (patent pending) with energy management mounting (patent pending) - protects the driver's lower body from dangerous surface contact injuries, acceleration injuries, and from intrusion as well as locks the lower body in place so the upper body shall be slowed by the load limiting seat belt.*

Steering wheel airbag - protects the driver's head, neck, and upper torso from contact injuries, acceleration injuries, and contact points with intrusive surfaces as a result of a collision.

SEAT OFFICER

The officer's seat shall be a H.O. Bostrom 500 Series Sierra seat model. The seat shall feature a tapered and padded seat, and cushion. The seat shall be mounted in a fixed position.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt and automatic retractor as an integral part of the seat assembly. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant. The ABTS feature shall also include the RiteHite™ shoulder adjustment feature to provide enhanced comfort and safety by allowing customized seat belt fit.

The minimum vertical dimension from the seat H-point to the ceiling for this belted seating position shall be 35.00 inches.

This model of seat shall have successfully completed the static load tests by FMVSS 207/210. This testing shall include a simultaneous forward load of 3000 pounds each on the lap and shoulder belts and twenty (20) times the weight through the center of gravity. This model of seat installed in the cab model, as specified, shall have successfully completed the dynamic sled testing using FMVSS 208 as a guide with the following accommodations. In order to reflect the larger size outfitted firefighters, the test dummy used shall be a 95th percentile hybrid III male weighing 225 pounds rather than the 50th percentile male dummy weighing 165 pounds as referenced in FMVSS 208. The model of seats shall also have successfully completed the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which decides the burning rate of materials in the occupant compartments of motor vehicles.

SEAT BACK OFFICER

The officer's seat back shall include an IMMI brand SmartDock® Gen 2 hands-free self contained breathing apparatus (SCBA) holder. The hands-free holder shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of emergency



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response vehicles. The bracket shall accommodate and secure most types of self-contained breathing apparatus cylinders.

The hands-free holder shall consist of a back plate, bottom cradle, non-marring top claws, and claw height adjustment knob. The height adjustment knob shall allow for easy adjustment of the claws to the SCBA. The hands-free holder's claws shall lock from inertial forces to prevent the SCBA from becoming a projectile in the event of a crash to meet the NFPA 1901-03 standard for SCBA retention. The SCBA holder shall offer single-motion insertion into the claws and hands-free release when the SCBA fitted seat occupant rises.

The seat back shall include a removable padded cover which shall be provided over the SCBA cavity.

SEAT MOUNTING OFFICER

The officer's seat shall offer a special mounting position which is approximately 2.50 inches rearward of the standard location offering increased leg room for the occupant. The front face of the officer's under seat storage box shall be modified 8.13 inches rearward for floor storage below the seat eliminating the under seat storage compartment and access door.

OCCUPANT PROTECTION OFFICER

The officer's position shall be equipped with the Advanced Protection System™ (APS). The APS shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, side impact, and rollover events. The increase in survivable space and security of the APS shall also provide ejection mitigation protection.

The officer's seating area APS shall include:

- Advanced seat belt system - retractor pre-tensioner tightens the seat belt around the officer, securing the occupant in the seat and the load limiter plays out some of the seat belt webbing to reduce seat belt to chest and torso force upon impact as well as mitigate head and neck injuries.
- Large side curtain airbag - protects the officer's head, neck, and upper body from dangerous cab side surfaces and contact points with intrusive surfaces as a result of a collision as well as provides ejection mitigation protection to the officer in a qualifying event by covering the window and the upper portion of the door.

Knee airbags - protects the officer's lower body from dangerous surface contact injuries, acceleration injuries, and from contact points with intrusive surfaces as a result of a collision as well as locks the lower body in place so the upper body shall be slowed by the load limiting seat belt.

POWER SEAT WIRING

The power seat or seats installed in the cab shall be wired directly to battery power.

SEAT BELT ORIENTATION CREW

The crew position seat belts shall follow the standard orientation which extends from the outboard shoulder extending to the inboard hip.



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SEAT FORWARD FACING OUTER LOCATION

The crew area shall include two (2) forward facing outboard seats, which include one (1) located next to the outer wall of the cab on the left side of the cab and one (1) located next to the outer wall on the right side of the cab.

SEAT CREW FORWARD FACING OUTER

The crew area shall include a seat in the forward facing outer position which shall be a H.O. Bostrom 500 Series Firefighter model seat. The seat shall feature a tapered and padded seat, and cushion. The seat shall be mounted in a fixed position. The seat and cushion shall be hinged and compact in design for additional room. The seat shall include a "Fold and Hold" feature so that the cushion shall remain in the seated position and simply touched to flip up.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt and automatic retractor as an integral part of the seat assembly. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant. The ABTS feature shall also include the RiteHite™ shoulder adjustment feature to provide enhanced comfort and safety by allowing customized seat belt fit.

The minimum vertical dimension from the seat H-point to the ceiling for each belted seating position shall be 35.00 inches.

This model of seat shall have successfully completed the static load tests by FMVSS 207/210. This testing shall include a simultaneous forward load of 3000 pounds each on the lap and shoulder belts and twenty (20) times the weight through the center of gravity. This model of seat installed in the cab model, as specified, shall have successfully completed the dynamic sled testing using FMVSS 208 as a guide with the following accommodations. In order to reflect the larger size outfitted firefighters, the test dummy used shall be a 95th percentile hybrid III male weighing 225 pounds rather than the 50th percentile male dummy weighing 165 pounds as referenced in FMVSS 208. The model of seats shall also have successfully completed the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which decides the burning rate of materials in the occupant compartments of motor vehicles.

SEAT BACK FORWARD FACING OUTER

The crew area seat backs shall include an IMMI brand SmartDock® Gen 2 hands-free self contained breathing apparatus (SCBA) holder. The hands-free holder shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of emergency response vehicles. The bracket shall accommodate and secure most types of self-contained breathing apparatus cylinders.

The hands-free holder shall consist of a back plate, bottom cradle, non-marring top claws, and claw height adjustment knob. The height adjustment knob shall allow for easy adjustment of the claws to the SCBA. The hands-free holder's claws shall lock from inertial forces to prevent the SCBA from becoming a projectile in the event of a crash to meet the NFPA 1901-03 standard for SCBA retention. The SCBA holder shall offer single-motion insertion into the claws and hands-free release when the SCBA fitted seat occupant rises.

The seat back shall include a removable padded cover which shall be provided over the SCBA cavity.



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SEAT MOUNTING FORWARD FACING OUTER

The forward facing outer seat shall be mounted inboard from the side wall for additional clearance facing the front of the cab.

OCCUPANT PROTECTION FFO

The forward facing outer seat position(s) shall be equipped with the Advanced Protection System™ (APS). The APS shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, side impact, and rollover events. The increase in survivable space and security of the APS shall also provide ejection mitigation protection.

Each forward facing outer seating position APS shall include:

- *APS advanced seatbelt system - retractor pre-tensioners tighten the seat belts around each occupant, securing the occupants in seats and load limiters play out some of the seat belt webbing to reduce seat belt to chest and torso force upon impact as well as mitigate head and neck injuries.*

Side curtain airbag - protects each occupant's head, neck, and upper body from dangerous cab side surfaces and contact points with intrusive surfaces as a result of a collision as well as provides ejection mitigation protection to each occupant in a qualifying event by covering the windows and walls adjacent to each seating position with an airbag custom designed for each cab configuration.

SEAT FORWARD FACING CENTER LOCATION

The crew area shall include one (1) forward facing center crew seat located directly behind the engine tunnel in the center of the cab.

SEAT CREW FORWARD FACING CENTER

The forward facing center seat shall be a H.O. Bostrom 500 Series Firefighter model seat. The seat shall feature a tapered and padded seat, and cushion. The seat shall be mounted in a fixed position. The seat and cushion shall be hinged and compact in design for additional room. The seat shall include a "Fold and Hold" feature so that the cushion shall remain in the seated position and simply touched to flip up.

The seat shall feature an all belts to seat (ABTS) style of safety restraint. The ABTS feature shall include a three-point shoulder harness with the lap belt and automatic retractor as an integral part of the seat assembly. The buckle portion of the seat belt shall extend from the seat base towards the driver position within easy reach of the occupant. The ABTS feature shall also include the RiteHite™ shoulder adjustment feature to provide enhanced comfort and safety by allowing customized seat belt fit.

The minimum vertical dimension from the seat H-point to the ceiling for each belted seating position shall be 35.00 inches.

This model of seat shall have successfully completed the static load tests by FMVSS 207/210. This testing shall include a simultaneous forward load of 3000 pounds each on the lap and shoulder belts and twenty (20) times the weight through the center of gravity. This model of seat installed in the cab model, as specified, shall have successfully completed the dynamic sled testing using FMVSS 208 as a guide with the following accommodations. In order to reflect the



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larger size outfitted firefighters, the test dummy used shall be a 95th percentile hybrid III male weighing 225 pounds rather than the 50th percentile male dummy weighing 165 pounds as referenced in FMVSS 208. The model of seats shall also have successfully completed the flammability of materials used in the occupant compartments of motor vehicles as outlined in FMVSS 302, of which decides the burning rate of materials in the occupant compartments of motor vehicles.

SEAT BACK FORWARD FACING CENTER

The crew area seat backs shall include an IMMI brand SmartDock® Gen 2 hands-free self contained breathing apparatus (SCBA) holder. The hands-free holder shall meet NFPA 1901-03 9G dynamic requirements for cylinder restraint systems for use in crew compartments of emergency response vehicles. The bracket shall accommodate and secure most types of self-contained breathing apparatus cylinders.

The hands-free holder shall consist of a back plate, bottom cradle, non-marring top claws, and claw height adjustment knob. The height adjustment knob shall allow for easy adjustment of the claws to the SCBA. The hands-free holder's claws shall lock from inertial forces to prevent the SCBA from becoming a projectile in the event of a crash to meet the NFPA 1901-03 standard for SCBA retention. The SCBA holder shall offer single-motion insertion into the claws and hands-free release when the SCBA fitted seat occupant rises.

The seat back shall include a removable padded cover which shall be provided over the SCBA cavity.

OCCUPANT PROTECTION FFC

The forward facing center seat position(s) shall be equipped with the Advanced Protection System™ (APS). The APS shall selectively deploy integrated systems to protect against injuries in qualifying frontal impact, side impact, and rollover events. The increase in survivable space and security of the APS shall also provide ejection mitigation protection.

Each forward facing center seating position APS shall include:

- APS advanced seatbelt system - retractor pre-tensioners tighten the seat belts around each occupant, securing the occupants in seats and load limiters play out some of the seat belt webbing to reduce seat belt to chest and torso force upon impact as well as mitigate head and neck injuries.

Side curtain airbag - provides ejection mitigation protection to each occupant in a qualifying event by covering the windows and walls adjacent to crew seating with an airbag custom designed for each cab configuration.

SEAT FRAME FORWARD FACING

The forward facing center seating positions shall include an enclosed style seat frame located and installed at the rear wall. The seat frame shall measure 62.38 inches wide X 12.38 inches high X 20.00 inches deep. The seat frame shall be constructed of Marine Grade 5052-H32 0.19 inch thick aluminum plate. The forward corners of the bench shall be chamfered 45-degrees X 4.00 inches.



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SEAT FRAME FORWARD FACING STORAGE ACCESS

There shall be two (2) access points to the storage area centered on the front of the seat frame. Each access point shall be covered by a hinged door to allow access for storage in the seat box.

SEAT MOUNTING FORWARD FACING CENTER

The forward facing center seats shall be installed facing the front of the cab.

CAB FRONT UNDERSEAT STORAGE ACCESS DOOR

The left under seat storage area shall have a solid aluminum hinged door with non-locking latch.

SEAT COMPARTMENT DOOR FINISH

All underseat storage compartment access doors shall feature a medium gray Spar-Liner spray on bedliner coating.

WINDSHIELD WIPER SYSTEM

The cab shall include a dual arm wiper system which shall clear the windshield of water, ice and debris. There shall be two (2) windshield wipers; each shall be affixed to a radial arm. The wiper motor shall be activated by an intermittent wiper control located within easy reach of the driver's position.

ELECTRONIC WINDSHIELD FLUID LEVEL INDICATOR

The windshield washer fluid level shall be monitored electronically. When the washer fluid level becomes low the yellow "Check Message Center" indicator light on the instrument panel shall illuminate and the message center in the dual air pressure gauge shall display a "Check Washer Fluid Level" message.

CAB DOOR HARDWARE

The cab entry doors shall be equipped with exterior pull handles, suitable for use while wearing firefighter gloves. The handles shall be made of aluminum with a chrome plated finish.

The interior exit door handles shall be flush paddle type with a black finish, which are incorporated into the upper door panel.

All cab entry doors shall include locks which are keyed alike. The door locks shall be designed to prevent accidental lockout.

DOOR LOCKS

The cab entry doors shall include a Controller Area Network (CAN) based electronic door lock system which shall include two (2) external keypads, one (1) located on the left side next to the front grab handle and one (1) on the right side next to the front grab handle. There shall be one (1) red rocker switch provided on the inside of each front cab entry door to actuate the cab door locks. Each door lock may also be manually actuated from the inside of the cab by means of a red knob located on the paddle handle of the respective door. The electronic door lock system shall include four (4) key fobs for actuation with buttons for cab entry door locks and for compartment door locks.



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When the doors are unlocked using the external keypad or the key fobs the interior dome lights shall illuminate and remain on for a period of twenty (20) seconds. The interior dome safety feature shall require the interior lighting power to be battery direct.

Wiring shall also be provided for up to four (4) exterior cab compartments and up to four (4) body compartments.

GRAB HANDLES

The cab shall include one (1) 18.00 inch three-piece knurled aluminum, anti-slip exterior assist handle, installed behind each cab door. The assist handle shall be made of extruded aluminum with a knurled finish to enable non-slip assistance with a gloved hand.

POWER DOOR LOCK COMPARTMENT ACTIVATION

The power door lock feature shall include activation for exterior compartment door locks through the key fob and keypads.

REARVIEW MIRRORS

Retrac Aerodynamic West Coast style dual vision mirror heads model 613305 shall be provided and installed on each of the front cab doors.

The mirrors shall be mounted via 1.00 inch diameter tubular stainless steel arms to provide a rigid mounting to reduce mirror vibration.

The mirrors shall measure 8.00 inches wide X 19.00 inches high and shall include an integral convex mirrors installed in the mirror head below the flat glass to provide a wider field of vision. The flat and convex mirrors shall be motorized with remote horizontal and vertical adjustment. The control switches shall be mounted within easy reach of the driver. The flat and convex mirrors shall be heated for defrosting in severe cold weather conditions.

The mirrors shall be constructed of a vacuum formed chrome plated ABS plastic housing that is corrosion resistant and shall include the finest quality non-glare glass.

REARVIEW MIRROR HEAT SWITCH

The heat for the rearview mirrors shall be controlled through a rocker switch on the dash in the switch panel.

EXTERIOR TRIM REAR CORNER

There shall be an overlay of 3003-H22 aluminum tread plate which shall be 0.07 inches thick on the outside corners at the back of the cab. The overlay shall wrap 1.00 inches forward on the sides of the cab and 12.00 inches inboard on the rear wall.

CAB FENDER

Full width wheel well liners shall be installed on the extruded cab to limit road splash and enable easier cleaning. Each two-piece liner shall consist of an inner liner 16.00 inches wide made of vacuum formed ABS composite and an outer fenderette 5.00 inches wide made of polished aluminum.



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CAB EXTERIOR FRONT & SIDE EMBLEMS

The cab shall include three (3) Spartan emblems. There shall be one (1) installed on the front air intake grille and one (1) emblem on each of the cab sides. The cab shall also include one (1) Advanced Protection System shield emblem on each front door.

IGNITION

A master battery system with a keyless start ignition system shall be provided. Each system shall be controlled by a one-quarter turn Cole Hersee switch, both of which shall be mounted to the left of the steering wheel on the dash. A chrome push type starter button shall be provided adjacent to the master battery and ignition switches.

Each switch shall illuminate a green LED indicator light on the dash when the respective switch is placed in the "ON" position.

The starter button shall only operate when both the master battery and ignition switches are in the "ON" position.

BATTERY

The single start electrical system shall include six (6) Harris BCI 31 925 CCA batteries with a 210 minute reserve capacity and 4/0 welding type dual path starter cables per SAE J541.

BATTERY TRAY

The batteries shall be installed within two (2) steel battery trays located on the left side and right side of the chassis, securely bolted to the frame rails. The battery trays shall be coated with the same material as the frame.

The battery trays shall include drain holes in the bottom for sufficient drainage of water. A durable, non-conducting, interlocking mat made by Dri-Dek shall be installed in the bottom of the trays to allow for air flow and help prevent moisture build up. The batteries shall be held in place by non-conducting phenolic resin hold down boards.

BATTERY BOX COVER

Each battery box shall include a stainless steel cover which protects the top of the batteries. Each cover shall be coated the same as the frame and shall include flush latches which shall keep the cover secure as well as a chrome handle for convenience when opening.

BATTERY CABLE

The starting system shall include cables which shall be protected by 275 degree F. minimum high temperature flame retardant loom, sealed at the ends with heat shrink and sealant.

BATTERY JUMPER STUD

The starting system shall include battery jumper studs. These studs shall be located in the forward most portion of the driver's side lower step, 8.00 inches apart. The studs shall allow the vehicle to be jump started, charged, or the cab to be raised in an emergency in the event of battery failure.



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ALTERNATOR

The charging system shall include a 320 amp Leece-Neville 12 volt alternator. The alternator shall include a self-exciting integral regulator.

STARTER MOTOR

The single start electrical system shall include a Delco brand starter motor.

BATTERY CONDITIONER

A Kussmaul Auto Charge 40 LPC battery conditioner shall be supplied. The battery conditioner shall provide a 40 amp output for the chassis batteries and a 15 amp output circuit for accessory loads. The battery conditioner shall be mounted in the cab in the LH rear facing outer seating position.

BATTERY CONDITIONER DISPLAY

A Kussmaul battery conditioner display shall be supplied. The battery conditioner display shall be mounted in front of the left side door just below the windshield.

AUXILIARY AIR COMPRESSOR

A Kussmaul Pump 12V air compressor shall be supplied. The air compressor shall be installed behind the driver's seat. The air compressor shall be plumbed to the air brake system to maintain air pressure. The air compressor shall include an auto drain as an extra precaution to prevent moisture from entering the air system. The automatic moisture drain shall be plumbed into the system between the auxiliary air compressor pump and the air tanks.

ELECTRICAL INLET LOCATION

An electrical inlet shall be installed on the left hand side of the cab ahead of the front door in the mid position.

ELECTRICAL INLET

A Kussmaul 20 amp super auto-eject electrical receptacle shall be supplied. It shall automatically eject the plug when the starter button is depressed.

A single item or an addition of multiple items must not exceed the rating of the electric inlet that it's connected to.

ELECTRICAL INLET CONNECTION

The electrical inlet shall be connected to the battery conditioner.

ELECTRICAL INLET COLOR

The electrical inlet connection shall include a yellow cover.



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HEADLIGHTS

The cab front shall include four (4) rectangular LED headlamps with separate high and low beams mounted in bright chrome bezels.

FRONT TURN SIGNALS

The front fascia shall include two (2) Whelen model M6 4.00 inch X 6.00 inch amber LED turn signals which shall be installed in a chrome housing above and outboard of the front warning and head lamps.

HEADLIGHT LOCATION

The headlights shall be located on the front fascia of the cab directly below the front warning lights.

SIDE TURN/MARKER LIGHTS

The sides of the cab shall include two (2) LED round side marker lights which shall be provided just behind the front cab radius corners.

MARKER AND ICC LIGHTS

In accordance with FMVSS, there shall be five (5) LED cab marker lamps designating identification, center and clearance provided. These lights shall be installed on the face of the cab within full view of other vehicles from ground level.

HEADLIGHT AND MARKER LIGHT ACTIVATION

The headlights and marker lights shall be controlled via a virtual button on the Vista display. The headlamps and markers lamps shall illuminate to 100% brilliance when the ignition switch is in the "On" position.

The dash lights shall only have a dim setting for night and a bright setting for day which shall be controlled with a virtual dimmer control on the Vista display. The last button state selected before master power is turned off for the will be held in memory, and they will return to that state when master power is turned back on providing button selection was made at least fifteen (15) seconds prior to shut down.

GROUND LIGHTS

Each door shall include a Tecniq T44 LED ground light mounted to the underside of the cab step below each door. The lights shall include a polycarbonate lens, a housing which is vibration welded and LEDs which shall be shock mounted for extended life. The ground lighting shall be activated by the opening of the door on the respective cab side as well as through a virtual button on the Vista display and control screen.

LOWER CAB STEP LIGHTS

The middle step located at each door shall include a recess mounted 4.00 inch round LED light which shall activate with the opening of the respective door.



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INTERMEDIATE STEP LIGHTS

The intermediate step well area at each door shall include an LED light within a chrome housing. The Egress step lights shall provide visibility to the step well area for the first step exiting the vehicle. The Egress step lights shall activate with Entry step lighting.

UNDER BUMPER LIGHTS

There shall be two (2) 4.00 inch round LED NFPA compliant ground lights mounted under the bumper. The lights shall include a polycarbonate lens, a housing which is vibration welded, and LEDs which shall be shock mounted for extended life. The under bumper ground lighting shall be interlocked with the park brake and the marker light activation.

ENGINE COMPARTMENT LIGHT

There shall be a LED NFPA compliant light mounted under the engine tunnel for area work lighting on the engine. The light shall include a polycarbonate lens, a housing which is vibration welded and a bulb which shall be shock mounted for extended life. The light shall activate automatically when the cab is tilted.

LIGHTBAR PROVISION

There shall be one (1) light bar installed on the cab roof. The light bar shall be provided and installed by Spartan Chassis. The light bar installation shall include a lowered mounting that shall place the light bar just above the junction box and wiring to a control switch on the cab dash.

CAB FRONT LIGHTBAR

The lightbar provisions shall be for one (1) Whelen brand Freedom IV LED lightbar mounted centered on the front of the cab roof. The lightbar shall be 72.00 inches in length. The lightbar shall feature twelve (12) red LED light modules and two (2) clear LED light modules. The entire lightbar shall feature a clear lens. The clear lights shall be disabled with park brake engaged. The cable shall exit the lightbar on the right side of the cab.

LIGHTBAR SWITCH

The light bar shall be controlled by a virtual button on the Vista display and control screen. This button shall be clearly labeled for identification.

FRONT SCENE LIGHTS

The front of the cab shall include two (2) Whelen Pioneer model PCH2 contour roof mount scene lights installed on the brow of the cab.

Each 150 watt lamp head shall incorporate a 12 volt DC Super-LED combination flood/spot light installed in a die-cast aluminum housing. Each lamp head shall use a collimator/metalized redux spot/flood reflector assembly with Proclera™ silicone optics and a clear non-optic polycarbonate lens. The lens/reflector assembly shall utilize a liquid injected molded silicone gasket to be resistant to water, moisture, dust, and other environmental conditions. The PCH2 shall be vibration resistant. The Pioneer PC boards shall be conformal coated for additional protection. Each combination flood/spot light lamp head shall draw 13.0 amps in spotlight mode and



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generate 17,750 lumens total. Each lamp head shall measure 4.25 inches in height X 14.00 inches in width. The lamp heads and brackets shall be powder coated white.

FRONT SCENE LIGHTS ACTIVATION

The front scene lighting shall be activated by a virtual button on the Vista display and control screen and a lighted momentary rocker switch on the dash.

FRONT SCENE LIGHT LOCATION

There shall be two (2) scene lights mounted to the front brow of the cab inboard of the outer front marker lights.

SIDE SCENE LIGHTS

The cab shall include two (2) Whelen model Pioneer PCH2 semi-recess mount lights installed one (1) on each side of the cab.

Each 150 watt lamp head shall incorporate a 12 volt DC Super-LED combination flood/spot light installed in a die-cast aluminum housing. Each lamp head shall use a collimator/metalized redux spot/flood reflector assembly with Proclera™ silicone optics and a clear non-optic polycarbonate lens. The lens/reflector assembly shall utilize a liquid injected molded silicone gasket to be resistant to water, moisture, dust, and other environmental conditions. The PCH2 shall be vibration resistant. The Pioneer PC boards shall be conformal coated for additional protection. Each combination flood light lamp head shall draw 13.0 amps in spotlight mode and generate 17,750 lumens total. Each lamp head shall measure 4.25 inches in height X 14.00 inches in width. Each lamp head shall be mounted within a semi-recess housing featuring a chrome flange which shall measure 7.92 inches in height X 17.17 inches in width. The lamp heads and brackets shall be powder coated white.

SIDE SCENE LIGHT LOCATION

The scene lighting located on the left and right sides of the cab shall be mounted rearward of the cab "B" pillar in the 10.00 inch raised roof portion of the cab between the front and rear crew doors.

SIDE SCENE ACTIVATION

The scene lights shall be activated by two (2) virtual buttons on the Vista display and control screen(s), one (1) for each light and by opening the respective side cab doors. The right side scene light shall be activated by a lighted momentary rocker switch located in the switch panel.

REAR SCENE LIGHTS

The vehicle shall include wiring for multiplex activated rear scene lighting for body builder installed scene lights and body builder installed multiplex output.

REAR SCENE LIGHT ACTIVATION

The rear scene lights shall be activated via a virtual button on the Vista display and control screen, a lighted momentary rocker switch on the dash labeled "REAR SCENE LTS", and when the transmission is placed in reverse.



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INTERIOR OVERHEAD LIGHTS

The cab shall include a two-section, red and clear Weldon LED dome lamp located over each door. The dome lamps shall be rectangular in shape and shall measure approximately 7.00 inches in length X 3.00 inches in width with a black colored bezel. The red portion of each lamp shall be activated via the multiplex display. The clear portion of each lamp shall be activated by opening the respective door and via the multiplex display. The virtual button shall be a multilevel switch that cycles red, clear and off. Both the red and clear portion can also be activated by individual push lenses on each lamp.

An additional two-section, red and clear Weldon LED dome lamp shall be provided over the engine tunnel which can be activated by individual switches on the lamp.

DO NOT MOVE APPARATUS LIGHT

The front headliner of the cab shall include a flashing red Whelen Ion LED light clearly labeled "Do Not Move Apparatus". In addition to the flashing red light, an audible alarm shall be included which shall sound while the light is activated.

The flashing red light shall be located centered left to right for greatest visibility.

The light and alarm shall be interlocked for activation when either a cab door is not firmly closed or an apparatus compartment door is not closed, and the parking brake is released.

MASTER WARNING SWITCH

A master switch shall be included, as a virtual button on the Vista display and control screen which shall be labeled "E Master" for identification. The button shall feature control over all devices wired through it. Any warning device switches left in the "ON" position when the master switch is activated shall automatically power up.

HEADLIGHT FLASHER

An alternating high beam headlight flashing system shall be installed into the high beam headlight circuit which shall allow the high beams to flash alternately from left to right.

Deliberate operator selection of high beams will override the flashing function until low beams are again selected. Per NFPA, these clear flashing lights will also be disabled "On Scene" when the park brake is applied.

HEADLIGHT FLASHER SWITCH

The flashing headlights shall be activated through a virtual button on the Vista display and control screen.

INBOARD FRONT WARNING LIGHTS

The cab front fascia shall include two (2) Whelen M6 Super LED front warning lights in the left and right inboard positions. The lights shall feature multiple flash patterns including steady burn. The lights shall be mounted to the front fascia of the cab within a chrome bezel. The warning lights shall be set to emit the "TripleFlash 75" in/out flash pattern.



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INBOARD FRONT WARNING LIGHTS COLOR

The warning lights mounted on the cab front fascia in the inboard positions shall be red with a clear lens.

OUTBOARD FRONT WARNING LIGHTS

The cab front fascia shall include two (2) Whelen M6 Super LED front warning lights in the left and right outboard positions. The lights shall feature multiple flash patterns including steady burn. The lights shall be mounted to the front fascia of the cab within a chrome bezel. The warning lights shall be set to emit the "TripleFlash 75" in/out flash pattern.

OUTBOARD FRONT WARNING LIGHTS COLOR

The warning lights mounted on the cab front fascia in the outboard position shall be red with a clear lens.

BUMPER FACE WARNING LIGHT

The front bumper face shall include two (2) Whelen M6 series 4.31 inch tall X 6.75 inch wide Super LED® warning lights located between the frame rails in the right and left side outboard positions. The warning lights shall feature multiple flash patterns including steady burn. The lights shall be surface mounted within a chrome bezel. The warning lights shall be set to flash "TripleFlash 75" in/out flash pattern.

BUMPER FACE WARNING LIGHT COLOR

The warning lights in the bumper shall be red with a clear lenses.

FRONT WARNING SWITCH

The front warning lights shall be controlled through a virtual control on the Vista display and control screen. This switch shall be clearly labeled for identification.

INTERSECTION WARNING LIGHTS

The chassis shall include two (2) Whelen M6 series Super LED intersection warning lights, one (1) each side. The lights shall feature multiple flash patterns including steady burn. The lights shall be set to flash "TripleFlash 75" I/O flash pattern.

INTERSECTION WARNING LIGHTS COLOR

The intersection lights shall be red with a clear lens.

INTERSECTION WARNING LIGHTS LOCATION

The intersection lights shall be mounted centered front to rear on the flat portion of the side of the bumper tail.

SIDE WARNING LIGHTS

The cab sides shall include two (2) Whelen M6 Super LED warning lights, one (1) on each side. The lights shall feature multiple flash patterns including steady burn for solid colors and multiple



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flash patterns for split colors. The lights shall be mounted to the sides of the cab within a chrome bezel. The light shall be programmed to emit the "TripleFlash 75" in/out flash pattern.

SIDE WARNING LIGHTS COLOR

The warning lights located on the side of the cab shall be red with clear lens.

SIDE WARNING LIGHTS LOCATION

The warning lights on the side of the cab shall be mounted over the front wheel well directly over the center of the front axle.

AUXILIARY SIDE WARNING LIGHTS

The cab sides shall include two (2) Whelen series M6 Super LED 4.00 inch X 6.00 inch warning lights, one (1) each side, which shall feature multiple flash patterns including steady burn. The warning lights shall be set to flash "TripleFlash 75" in/out flash pattern.

AUXILIARY SIDE WARNING LIGHTS COLOR

The auxiliary warning lights located on the side of the cab shall be red with clear lens.

AUXILIARY SIDE WARNING LIGHTS LOCATION

The auxiliary warning lights on the side of the cab shall be mounted above the front doors.

SIDE AND INTERSECTION WARNING SWITCH

The side warning lights shall be controlled through a virtual button on the Vista display and control screen. This button shall be clearly labeled for identification.

TANK LEVEL LIGHTS

There shall be two (2) FRC MaxVision water level light strips surface mounted vertically, one (1) on each side of the cab centered between the rear cab doors and the rear corners of the cab.

The light strips shall feature four (4) colors of LED lights to indicate the fluid level of a tank. The colors from top to bottom shall be green, blue, amber, and red.

REAR WARNING LIGHTS

The cab shall have a Whelen TACTL5 Traffic Advisor control head installed and wired in the header above the driver. The control head shall be mounted in the driver's side header inboard of the radio position.

The power to the control head shall be ignition switched and activation dependent upon the state of the controllers switched position upon ignition.

Wiring provisions shall be provided routed to the rear of the frame for installation of up to eight (8) individual traffic advisor warning lights rated at no more than one (1) amp each.



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INTERIOR DOOR OPEN WARNING LIGHTS

The interior of each door shall include one (1) 15.87 inch long X 0.73 inch tall amber Weldon LED warning light. The light shall be located on the upper portion of the door frame to be visible when a person is standing in front of the door while entering or exiting the cab. Each light shall activate with a scrolling directional flash pattern which moves from inside to outside when the door is in the open position. This shall serve as a warning to oncoming traffic.

SIREN CONTROL HEAD

A Whelen 295HFSC9 electronic siren control head shall be provided. The siren head shall feature a 200-watt output, wail, yelp, manual siren, and hands free operation which shall allow the operator to turn the siren on and off from the horn ring if a horn/siren selector switch option is also selected. The siren shall be mounted to protrude through the center panel of the cab dash in the lower section centered from left to right in the panel.

HORN BUTTON SELECTOR SWITCH

A virtual button on the Vista display and control screen shall be provided to allow control of the electric horn or the air horn from the steering wheel horn button. The horn button selection shall default to the air horn each time the Vista screen power is cycled off and on. The electric horn shall sound when the selector switch is in either position to meet FMCSA requirements.

AIR HORN ACTIVATION

The air horn activation shall be accomplished by the steering wheel horn button for the driver and a momentary rocker switch on the switch panel. An air horn activation circuit shall be provided to the chassis harness pump panel harness connector.

MECHANICAL SIREN ACTIVATION

The mechanical siren shall be actuated by a Linemaster model SP491-S81 foot switch mounted in the front section of the cab for use by the driver and a momentary rocker switch in the switch panel on the dash. A red momentary siren brake rocker switch shall be provided in the switch panel on the dash. A virtual button for the siren brake shall be provided on the Vista display.

The siren shall only be active when master warning switch is on to prevent accidental engagement.

BACK-UP ALARM

An ECCO model 575 backup alarm shall be installed at the rear of the chassis with an output level of 107 dB. The alarm shall automatically activate when the transmission is placed in reverse.

INSTRUMENTATION

An ergonomically designed instrument panel shall be provided. Each gauge shall be backlit with LED lamps. Stepper motor movements shall drive all gauges. The instrumentation system shall be multiplexed and shall receive ABS, engine, and transmission information over the J1939 data bus to reduce redundant sensors and wiring.



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A twenty eight (28) icon lightbar message center with integral LCD odometer/trip odometer shall be included. The odometer shall display up to 999,999.9 miles. The trip odometer shall display 9,999.9 miles. The LCD message center screen shall be capable of custom configuration by the users for displaying certain vehicle status and diagnostic functions.

The instrument panel shall contain the following gauges:

One (1) three-movement gauge displaying vehicle speed, fuel level, and Diesel Exhaust Fluid (DEF) level. The primary scale on the speedometer shall read from 0 to 100 MPH, and the secondary scale on the speedometer shall read from 0 to 160 KM/H. The scale on the fuel and DEF level gauges shall read from empty to full as a fraction of full tank capacity. Red indicator lights in the gauge and an audible alarm shall indicate low fuel or low DEF at 1/8th tank level.

One (1) three-movement gauge displaying engine RPM, and primary and secondary air system pressures shall be included. The scale on the tachometer shall read from 0 to 3000 RPM. The scale on the air pressure gauges shall read from 0 to 150 pounds per square inch (PSI) with a red line zone indicating critical levels of air pressure. Red indicator lights in the gauge and an audible alarm shall indicate low air pressure.

One (1) four-movement gauge displaying engine oil pressure, coolant temperature, voltmeter, and transmission temperature shall be included. The scale on the engine oil pressure gauge shall read from 0 to 100 pounds PSI with a red line zone indicating critical levels of oil pressure. A red indicator light in the gauge and audible alarm shall indicate low engine oil pressure. The scale on the coolant temperature gauge shall read from 100 to 250 degrees Fahrenheit (°F) with a red line zone indicating critical coolant temperatures. A red indicator light in the gauge and audible alarm shall indicate high coolant temperature. The scale on the voltmeter shall read from 9 to 18 volts with a red line zone indicating critical levels of battery voltage. A red indicator light in the gauge and an audible alarm shall indicate high or low system voltage. The low voltage alarm shall indicate when the system voltage has dropped below 11.8 volts for more than 120 seconds in accordance with the requirements of NFPA 1901. The scale on the transmission temperature gauge shall read from 100 to 300 degrees °F with a red line zone indicating critical temperatures. A red indicator light in the gauge and an audible alarm shall indicate a high transmission temperature.

The light bar portion of the message center shall include twenty-eight (28) LED backlit indicators. The lightbar shall be split with fourteen (14) indicators on each side of the LCD message screen. The lightbar shall contain the following indicators and produce the following audible alarms when supplied in conjunction with applicable configurations:

RED INDICATORS

Stop Engine - indicates critical engine fault

Air Filter Restricted - indicates excessive engine air intake restriction

Park Brake - indicates parking brake is set

Seat Belt - indicates a seat is occupied and corresponding seat belt remains unfastened

Low Coolant - indicates critically low engine coolant

Cab Tilt Lock - indicates the cab tilt system locks are not engaged.

AMBER INDICATORS

Malfunction Indicator Lamp (MIL) - indicates an engine emission control system fault

Check Engine - indicates engine fault

Check Transmission - indicates transmission fault



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Anti-Lock Brake System (ABS) - indicates anti-lock brake system fault
High exhaust system temperature – indicates elevated exhaust temperatures
Water in Fuel - indicates presence of water in fuel filter
Wait to Start - indicates active engine air preheat cycle
Windshield Washer Fluid – indicates washer fluid is low
DPF restriction - indicates a restriction of the diesel particulate filter
Regen Inhibit-indicates regeneration of the DPF has been inhibited by the operator
Range Inhibit - indicates a transmission operation is prevented and requested shift request may not occur.
SRS - indicates a problem in the supplemental restraint system
Check Message - indicates a vehicle status or diagnostic message on the LCD display requiring attention.

GREEN INDICATORS

Left and Right turn signal indicators
ATC - indicates low wheel traction for automatic traction control equipped vehicles, also indicates mud/snow mode is active for ATC system
High Idle - indicates engine high idle is active.
Cruise Control - indicates cruise control is enabled
OK to Pump - indicates the pump is engaged and conditions have been met for pump operations
Pump Engaged - indicates the pump transmission is currently in pump gear
Auxiliary Brake - indicates secondary braking device is active

BLUE INDICATORS

High Beam indicator

AUDIBLE ALARMS

Air Filter Restriction
Cab Tilt Lock
Check Engine
Check Transmission
Open Door/ Compartment
High Coolant Temperature
High or Low System Voltage
High Transmission Temperature
Low Air Pressure
Low Coolant Level
Low DEF Level
Low Engine Oil Pressure
Low Fuel
Seatbelt Indicator
Stop Engine
Water in Fuel
Extended Left/Right Turn Signal On
ABS System Fault

BACKLIGHTING COLOR

The instrumentation gauges and the switch panel legends shall be backlit using white LED backlighting.



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RADIO

A Jensen radio with weather band, AM/FM stereo receiver, and four (4) speakers shall be installed in the cab. The radio shall include rear RCA input pigtail connector, satellite radio capability, and a covered front auxiliary mini stereo input with iPod ready front and rear USB inputs. The radio shall be installed in the left hand overhead position. The speakers shall be installed inside the cab with two (2) speakers recessed within the headliner of the front of the cab just behind the windshield and two (2) speakers on the upper rear wall of the cab.

There shall also be an auxiliary port installed for use with an Mp3 player or smart phone. The auxiliary port shall be located in the right hand switch panel.

AM/FM ANTENNA

A small antenna shall be located on the left hand side of the cab roof for AM/FM and weather band reception.

CAMERA

An Audiovox Voyager heavy duty rearview camera system shall be supplied. The system shall include one (1) box shaped camera shall be installed in the body to afford the driver a clear view to the rear of the vehicle.

The camera shall be wired to a single Weldon Vista display. The rear camera display shall activate when the vehicle's transmission is placed in reverse. The camera system display can also be activated through the Vista display panel.

CAB EXTERIOR PROTECTION

The cab face shall have a removable plastic film installed over the painted surfaces to protect the paint finish during transport to the body manufacturer.

FIRE EXTINGUISHER

A 2.50 pound D.O.T approved fire extinguisher with BC rating shall be shipped loose with the cab.

DOOR KEYS

The cab and chassis shall include a total of four (4) door keys for the manual door locks.

DIAGNOSTIC SOFTWARE OCCUPANT PROTECTION

Diagnostic software for the Spartan Advanced Protection System shall be available for free download from the Spartan Chassis website to Spartan authorized dealers and service centers, as well as the vehicle owner.

The software has been validated to be compatible with the following RP1210 interface adapters:

- Dearborn Group DPA4 Plus
- Noregon Systems JPRO® DLA+
- Cummins INLINE5
- Cummins INLINE6



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- NexIQ™ USB-Link™

The software and adapter utilize the SAE J1939-13 heavy duty nine (9) pin connector which is located below the driver's side dash to the left of the steering column.

WARRANTY

Summary of Warranty Terms:

THE FOLLOWING IS SUMMARY OF WARRANTY TERMS FOR INFORMATION ONLY. THE ACTUAL LIMITED WARRANTY DOCUMENT, WHICH IS ATTACHED TO THIS OPTION, CONTAINS THE COMPLETE STATEMENT OF THE SPARTAN MOTORS USA LIMITED WARRANTY. SPARTAN'S RESPONSIBILITY IS TO BE ACCORDING TO THE TERMS OF THE COMPLETE LIMITED WARRANTY DOCUMENT.

The chassis manufacturer shall provide a limited parts and labor warranty to the original purchaser of the custom built cab and chassis for a period of twenty-four (24) months, or the first 36,000 miles, whichever occurs first. The warranty period shall commence on the date the vehicle is delivered to the first end user.

CHASSIS OPERATION MANUAL

The chassis operation manual shall be contained in an on board USB digital storage device. The chassis operation manual shall be accessible through a USB port provided in the OBD diagnostic panel.

ENGINE AND TRANSMISSION OPERATION MANUALS

The following manuals specific to the engine and transmission models ordered will be included with the chassis in the ship loose items:

(1) Hard copy of the Engine Operation and Maintenance manual with CD

(1) Digital copy of the Transmission Operator's manual

(1) Digital copy of the Engine Owner's manual

CAB/CHASSIS AS BUILT WIRING DIAGRAMS

The cab and chassis wiring schematics and option wiring diagrams shall be contained in an on board USB digital storage device. The cab and chassis wiring schematics and option wiring diagrams shall be accessible through a USB port provided in the OBD diagnostic panel.

WARNING AND INFORMATION LABELS

All warning and informational labels (non-vendor specific) shall be provided in appropriate locations to alert the operator of potential hazards and operating instructions.

NFPA 1901

The apparatus and product orientation of the vehicle will be provided per NFPA 1901-2016 revision.



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CHASSIS REQUIRED LABELING

Signs that state "Occupants must be seated and belted when apparatus is in motion" shall be provided.

They shall be visible from each seating position.

There shall be a lubrication plate mounted inside the cab listing the type and grade of lubrication used in the following areas on the apparatus and chassis:

- Engine oil
- Engine Coolant
- Transmission Fluid
- Pump Transmission Lubrication Fluid
- Drive Axle Lubrication Fluid
- Generator Lubrication Fluid (where applicable)
- Tire Pressures

APPARATUS INFORMATION LABEL

There shall be a high-visibility label installed in a location clearly detectable to the driver while in the seated position.

The label shall indicate the following specified information.

- Overall Height (feet and inches)
- Overall Length (feet and inches)
- Overall GVWR (tons or metric tons)

APPARATUS STABILITY (CG) CALCULATED STABILITY

Vehicle stability or roll stability shall be presented by methods of calculations or measurements per NFPA 1901, current edition. The calculated or measured center of gravity (CG) shall be no higher than 80 percent of the rear axle track width.

The manufacture shall utilize supplied documents and information detailing specific equipment and locations for purposes of calculating CG. If no such information is supplied the manufacture shall estimate approximate equipment loads based upon the vehicle configuration for such calculations in correspondence with NFPA 1901, current edition, required loadings.

Upon acceptance of the vehicle, a signed manufacture written certification shall be supplied with the fire apparatus before delivery.

HELMET RESTRAINTS

All NFPA required helmet restraints will be supplied and installed by the Fire Department prior to the truck being placed into service.

MUD FLAPS

Heavy-duty rubber mud flaps shall be installed behind the rear wheels. The mud flaps shall be black rubber type and be bolted in place.



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CAB TILT PENDANT CONTROL

There shall be a cab tilt pendant control provided and installed on the right side of the apparatus. The pendant shall be accessible through a hinged door secured with a push button style latch on the passenger's side pump panel. The cab tilt door shall open towards the rear of body.

There shall also be a cab tilt instruction plate located as close as possible to the control pendant for ease of operation.

HEAT EXCHANGER

A supplementary heat exchanger cooling system shall be provided with the chassis and shall be complete to the discharge side of the fire pump through the engine compartment, without intermixing, for absorption of excess heat. The heat exchanger shall be adequate in size to maintain the temperature of the coolant in the pump drive engine not in excess of the engine manufacturer's temperature rating under all pumping conditions.

Appropriate drains shall be provided to allow draining the heat exchanger to prevent damage from freezing. A manual shut-off valve shall be supplied at the pump operator's position.

FUEL FILL DOOR

There shall be an aluminum fuel fill assemblies located on the apparatus body accessing the chassis supplied fuel tank. The assemblies shall be located in the upper area of the rear wheel on the left and right side.

The fuel fill assemblies will have a brushed aluminum door. There shall be a drain in each fuel fill assembly to allow over flow to drain on the back side of the apparatus body. The fuel fill cap shall be removable, manufactured of plastic materials, green in color and equipped with a tether.

The fuel fill cap shall be labeled "DIESEL FUEL". The stainless steel fuel fill neck shall have a 3/8" inside diameter vent line installed from the top of the fuel tank to the fill tube.

SIDE MOUNT PUMP CONTROL MODULE

The pump control module shall be a self-supported structure mounted independently from the body and chassis cab. The pump module frame shall be constructed entirely of 6061-T6 aluminum extrusions and 5052-H32 aluminum plate. The pump module design shall allow normal frame deflection through isolation mounts without imposing stress on the pump module structure or side running boards. The pump module support shall bolt directly to the chassis frame web.

VIBRA-TORQUE™ PUMP MODULE MOUNTING SYSTEM

The entire pump module assembly shall be mounted so that it "floats" above the chassis frame rails exclusively with Vibra-Torq™ torsion isolator assemblies to reduce the vibration and stress providing an extremely durable pump module mounting system.

The pump module substructure shall be mounted above the frame to allow independent flexing to occur between the body and the chassis. Each assembly shall be mounted to the chassis frame rails with steel, gusseted mounting brackets. Each bracket shall be powder coated for corrosion resistance. Each pump compartment mount bracket shall be mounted to the side chassis frame flange with two 5/8"-UNC Grade 5 HHCS.



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Each assembly shall have a two-part rubber vibration isolator. The isolator shall be of a specific durometer to carry the necessary loads of the pump module, apparatus body, equipment, tank, water, and hose. The quantity of mounts utilized shall correspond directly to the anticipated weight being supported. Certain assemblies shall also incorporate a torsion spring. Helical coil springs shall be incorporated into specific mounts in tandem with the rubber isolators to minimize the stress absorbed by the body caused from chassis frame rail flexing.

There shall be no welding to the chassis frame rail sides, web or flanges, or drilling of holes in the top or bottom frame flanges between axles. All pump module to chassis connections shall be bolted so that in the event of an accident, the body shall be easily removable from the truck chassis for repair or replacement.

Because of the constant vibration and twisting action that occurs in chassis frame rails and suspension, the torsion mounting system is required to minimize the possibility of premature pump module structural failures. The Vibra-Torque™ mounting system shall have a lifetime warranty.

PUMP COMPARTMENT WORK LIGHT

One (1) 24.00 inch model On Scene Access series LED tube light shall be installed inside the pump compartment module to illuminate the plumbing and piping components.

There shall be a rocker switch located on the operator's pump panel, within an Innovative Controls 6-switch chrome bezel, to activate the pump panel lights and the pump compartment work light.

PUMP MODULE PANELS

The driver's side panels shall consist of a removable lower panel fastened with mechanical fasteners, a removable middle operator's panel fastened with mechanical fasteners, and a removable diamond plate panel above the operator's panel.

The officer's side panels shall consist of a removable upper diamond plate panel and two, removable lower panels. The lower removable panel shall be fastened with mechanical fasteners. Above the lower panel shall be a removable access panel to provide ease of entrance for service and maintenance. The upper & middle panel shall be attached to the module frame utilizing push button latching devices.

OPERATOR'S GAUGE PANEL

The operator gauge panel shall be located on the left (driver) side main pump module.

PUMP PANEL & OPERATOR'S PANEL FINISH

The pump module panels and the operator's panel shall be brushed stainless steel finish.

SOFT SUCTION HOSE STORAGE

There shall be a recessed cavity on the right and left side of the pump compartment module integrated into the side panel to store a roll of 25' of 5" suction hose. The cavity shall be approximately 12" wide x 17.5" high and 12.5" deep. The floor area shall have a slight taper downward so assist in restraining the hose and notched as required for exhaust configurations.



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Drain holes shall be provided in the rear corners. The interior shall be sprayed with bed liner type coating.

There shall be aircraft style seat belt buckle retention devices installed on each soft suction hose storage compartment.

SIDE MOUNT PUMP PANEL LIGHTING

Illumination shall be provided for viewing controls, switches, gauges and instructional labels necessary for proper operation of the apparatus and equipment installed.

The side pump panels shall be illuminated by OnScene "Access" LED tube lights installed within gusseted reinforced embossed aluminum diamond plate steps. The steps shall serve as light shields and shall be a minimum of 8" deep and have a handrail incorporated into the step. The steps shall be mounted with 3/8" bolts.

Two (2) 18" lights mounted on the drivers side above the gauge panel which shall cover the full width of the pump house. Two (2) 18" lights mounted on the officers side above the main pump access panel which shall cover the full width of the pump house.

PUMP PANEL SWITCHING

There shall be a rocker switch located on the operator's pump panel, within an Innovative Controls 6-switch black bezel, to activate all four (4) pump panel lights and the interior pump panel work light. One light on the driver's side and one light on the passenger's side pump module shall be activated by "pump engagement". The lights shall also activate when the pump is engaged and it is okay to operate.

SIDE MOUNT PUSH-PULL VALVE CONTROLS

The valves shall be controlled from a panel mounted Innovative Controls quarter-turn locking type T-handle push-pull assembly shall be installed. The ergonomically designed handle shall be chrome-plated with name plate insertion recess area.

A .75 inch (19.05mm) diameter hardcoat anodized aluminum control rod and housing shall, together with a stainless spring steel locking mechanism, eliminate valve drift. Teflon impregnated bronze bushings in both ends of the rod housing shall minimize rod deflection, never need lubrication, and ensure consistent long-term operation.

The control assembly shall include a decorative chrome-plated panel-mounting bezel. The valve operating mechanism will indicate the position of the valve at all times.

RUNNING BOARDS

Running boards shall be installed on each side of the pump compartment module. The running boards shall be constructed of .1875 inch embossed aluminum diamond plate. Each shall be a minimum of approximately 12.00 inches deep by the width of the module.

The running boards shall have a 1.25 inch upward bend on the inside edge to act as a kick plate.

The aluminum diamond plate shall meet recommendations for slip resistant surfaces at the time of proposal.



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The running boards shall be attached to a frame mounted outrigger support structure. Each running board to have a 3.00 inch downward bend on the front face with a 1.50 inch underside return for superior strength.

APPARATUS LABELING

The apparatus shall be descriptively tagged with color coded Innovative controls labels. The labels shall be applied near apparatus features that require a user function description. Wherever necessary, the labels shall be color coded to differentiate controls and their respective functions to simplify and clarify complex configurations.

VERBIAGE TAG BEZEL ASSEMBLIES

Innovative Controls verbiage tag bezels shall be installed. The bezel assemblies will be used to identify apparatus components. These tags shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The verbiage tag bezel assemblies shall include a chrome-plated panel-mount bezel with durable easy-to-read UV resistant polycarbonate inserts featuring the specified verbiage and color coding. These UV resistant polycarbonate verbiage and color inserts shall be subsurface screen printed to eliminate the possibility of wear and protect the inks from fading. Both the insert labels and bezel shall be backed with 3M permanent adhesive, which meets UL969 and NFPA standards.

SAFETY MESSAGE BEZEL ASSEMBLIES

Innovative Controls safety message bezels shall be installed. The bezel assemblies will be used to identify, instruct, or warn the operators. These tags shall be designed and manufactured to withstand the specified apparatus service environment and shall be backed by a warranty equal to that of the exterior paint and finish. The safety message bezel assemblies shall include a chrome-plated panel-mount bezel with durable easy-to read UV resistant polycarbonate inserts featuring ANSI safety standard graphics or custom graphics. These UV resistant polycarbonate graphic inserts shall be subsurface screen printed to eliminate the possibility of wear and protect the inks from fading. Both the graphic insert labels and bezel shall be backed with 3M permanent adhesive, which meets UL969 and NFPA standards.

PRESSURE GOVERNOR

The Pressure Governing System shall be installed on the pump panel. The PSG allows for pump pressure control and throttle control.

PRESSURE RELIEF VALVE

A Task Force Tips model #A18XX pressure relief valve shall be provided. The valve shall have an easy to read adjustment range from 90 to 300 PSI with 90, 125, 150, 200, 250 and 300 PSI adjustment settings and an "OFF" position. Pressure adjustments shall be made utilizing a 1/4" hex key, 9/16" socket or 14mm socket.

For corrosion resistance the cast aluminum valve shall be a hardcoat anodized with a powder coat interior and exterior finish. The valve shall meet (NFPA) 1901, Standard for Automotive Fire Apparatus, requirements for pump inlet relief valves. The unit shall be covered by a five year warranty. The valve shall be preset at 125 PSI (860 kPa) suction inlet pressure. The valve shall be installed inside the pump compartment where it will be easily accessible for future adjustment. The excess water shall be plumbed to the atmosphere via the unloader pipe and



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shall dump on the opposite side of the pump operator.

For normal pumping operations, the relief valve shall not be capped and there shall be a placard stating "DO NOT CAP" installed.

U.L. TEST PORTS

One (1) set of U.L. testing ports with plugs shall be provided on the pump panel for testing of the vacuum and pump pressures.

WATER TANK LEVEL GAUGE

A Fire Research TankVision model WLA300-A00 tank indicator kit shall be installed on the operator's panel.

The kit shall include an electronic indicator module, a pressure sensor, and a 20' sensor cable. The indicator shall show the volume of water in the tank on nine (9) easy to see super bright LEDs. A wide view lens over the LEDs shall provide for a viewing angle of 180 degrees. The indicator case shall be waterproof, manufactured of aluminum, and have a distinctive blue label.

The program features shall be accessed from the front of the indicator module. The program shall support self-diagnostics capabilities, self-calibration, and a datalink to connect remote indicators. Low water warnings shall include flashing LEDs at 1/4 tank, down chasing LEDs when the tank is almost empty, and an output for an audio alarm.

The indicator shall receive an input signal from an electronic pressure sensor. The sensor shall be mounted from the outside of the water tank near the bottom. No probe shall place on the interior of the tank. Wiring shall be weather resistant and have automotive type plug-in connectors.

WATER TANK LEVEL GAUGE CAB MOUNTED

The tank level gauges shall be wired to the master tank level gauge via FRC Tankvision datalink.

AIR HORN BUTTON

There shall be an air horn activation rocker switch installed on the pump operator's gauge panel within an Innovative Controls 6-switch black bezel. The air horn rocker switch shall be a red weather resistance type and labeled "AIR HORN".

PUMP COMPARTMENT TOP OVERLAY

The top of the pump compartment shall be overlaid with materials of a non-slip .1875 inch embossed aluminum diamond plate, meeting the minimum NFPA standard requirements for slip resistance.

There shall be yellow reflective tape installed on the top of the pump module to meet NFPA 1901.

MIDSHIP PUMP

The pump shall have a capacity of 1500 gallons per minute, measured in U.S. Gallons. The pump shall be a Waterous model CSUC20, single stage midship pump.

The pumps impellers shall be bronze with double suction inlets, accurately balanced



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(mechanically and hydraulically), of mixed flow design with reverse-flow, labyrinth-type, wear rings that resist water bypass and loss of efficiency due to wear. The impeller shall have flame plated hub to assure maximum pump life and efficiency despite the presence of abrasive particles, such as fine sand, in the water being pumped. The wear rings shall be bronze and easily replaceable to restore original pump efficiency and eliminate the need for replacing the entire pump casing due to wear.

Pump casing shall be close grained gray iron, bronze fitted and horizontally split in two sections for easy removal of entire impeller assembly, including wear rings, without disturbing setting of pump in chassis or pump piping. The pump, for ease and rapid servicing in the future, shall have the separable impeller shaft which allows true separation of transmission or pump without disassembly or disturbing the other component. This shall be accomplished by using a two piece shaft. This feature will allow field service to accomplish in much less time since each component (pump or transmission) can be repaired independently. The impeller shaft shall be stainless steel, accurately ground to size and polished. Shaft shall be supported at each end by ball type oil grease lubricated bearings. Sleeve bearings or bushings will not be acceptable. The bearings shall be protected from water at each end of the impeller shaft.

The discharge manifold shall be cast as an integral part of the pump body assembly and shall provide at least three full 3.50 inch openings for ultimate flexibility in providing various discharge outlets for maximum efficiency, and shall be located as follows: one outlet on the right side of the pump body, one outlet on the left side of the pump body, and one outlet directly on top of the pump discharge manifold.

The entire pump shall be cast, manufactured and tested at the pump manufacturer's factory. The pump transmission housing shall be high strength aluminum, three pieces and horizontally split. Power transfer to the pump shall be through a Morse Hy-Vo drive chain. Chain shall be pressure lubricated through oil pump. Chain sprockets shall be cut from carbonized, hardened alloy steel. Spur gears will not be acceptable.

The drive shafts shall be 2.35" in diameter, made of hardened and ground alloy steel. All shafts shall be ball bearing supported. Case shall be designed to eliminate the need of water cooling.

The entire pump, both suction and discharge passages, shall be hydrostatically tested to a pressure of 600 PSI. A certificate documenting this test shall be provided with the completed apparatus. The pump shall be fully tested at the pump manufacturer's factory to the performance requirements as outlined by the latest (NFPA) 1901, Standard for Automotive Fire Apparatus. Pump shall be free from objectionable pulsation and vibration.

The pump shall be the Class "A" type and shall deliver the percentage of rated discharge at pressures indicated below.

100% of rated capacity at 150 PSI net pump pressure.

100% of rated capacity at 165 PSI net pump pressure.

70% of rated capacity at 200 PSI net pump pressure.

50% of rated capacity at 250 PSI net pump pressure.

PUMP SEALS

The pump shall be equipped with maintenance free mechanical shaft seals that shall not require manual adjustment. The seal size, type, component materials, and housing configuration shall be specifically designed for the pump application and rated operating parameters as specified.



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AIR PRIMER SYSTEM

The priming system shall be a Trident Emergency Products compressed air powered high efficiency, multi-stage, venturi based Air Prime System.

All wetted metallic parts of the priming system are to be of brass and stainless steel construction. A single panel mounted control will activate the priming pump and open the priming valve to the pump.

The primer shall be mounted above the pump impeller so that the priming line will automatically drain back to the pump. The primer shall also automatically drain when the panel control actuator is not in operation. The inlet side of the primer shall include a brass 'wye' type strainer with removable stainless steel fine mesh strainer to prevent entry of debris into the primer body.

The system shall employ an 80 PSI (5.5 bar) pressure protection valve, located on the chassis auxiliary air tank.

The primer shall be covered by a five (5) year parts warranty.

6.0" STEAMER INLETS

Two (2) 6.00 inch (150.00 mm) steamer inlets shall be provided, one (1) on the left side and one (1) on the right side.

Each inlet shall have a chrome plated long handle chrome vented caps and die cast zinc screens designed to provide cathodic protection for the pump. The caps shall be National Standard Thread with long handles.

PUMP COOLING LINE

There shall be a 3/8" (.375) inch line run from the pump to the water tank to assist in keeping the pump water from overheating. There shall be brass fittings used on pump cooler. A manual 1/4 turn 3/8" ball valve with a rectangular handle shall be supplied on the operator's panel.

PUMP ANODES

Two (2) pump anodes shall be installed in plumping system of the apparatus, to prevent damage from galvanic corrosion within the pump system. There shall be one (1) anode on the intake side and one (1) on the discharge side.

MASTER PUMP DRAIN

The pump shall be equipped with a Master Pump drain to allow draining of the lower pump cavities, volute and selected water carrying lines and accessories. The drain shall have an all brass body with a stainless steel return spring.

The drain valve control shall be mounted in the lower left hand corner of the driver side pump panel and identified as MASTER DRAIN.

MANUAL DRAINS

All 2.0 inch (50.80 mm) or larger discharge outlets shall be equipped with a .75 inch 90° lift handle ball valve drain.



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All drains for 2" and larger valves will be on the driver's side, except for the right side master and #2 discharge, which will be located on the right side.

VALVES

All valves shall be of a heavy duty design capable of bi-directional flow and incorporate a self-locking ball feature and full flow optimizing characteristics that reduce the operational force required for actuation.

The valves shall be Akron 8000 series.

The valves shall be of a self-adjusting dual seat design requiring no lubrication or regular maintenance. The valve shall meet or exceed NFPA standard requirements.

PLUMBING

All plumbing and piping shall be of 304 stainless steel or flexible type piping. All inlet and outlet plumbing 3.00 inch (77 mm) and smaller shall be plumbed with either stainless steel piping or synthetic reinforced rubber hose blended with high tensile strength cord for maximum performance in tight bend applications.

Secondary plumbing such as small diameter drain lines shall be stainless steel, brass or hose. Where chassis and module flexing or vibration may damage or loosen piping or where a coupling is required for servicing, the piping shall be equipped with Victaulic or rubber type couplings.

All lines shall drain through the master drain valve or shall be equipped with individual drain valves. All individual drain lines for discharges shall be extended to the point where they shall drain below the chassis frame rails. All water carrying drain lines shall be of flexible polypropylene type tubing.

MANIFOLDS

Plumbing manifold bodies shall be ductile cast iron or stainless steel. The suction inlets shall include removable die cast zinc screens designed to provide cathodic protection for the pump, therefore reducing deterioration within the pump.

TANK FILL

One (1) 2.00 inch (50 mm) pump to tank fill line shall be installed from the discharge manifold directly to the booster tank.

TANK TO PUMP

A 3.50 inch (89 mm) Waterous valve shall be installed.

TANK TO PUMP CHECK VALVE

There shall be a tank to pump check valve, conforming to NFPA standard requirements to prevent water from back flowing at an excessive rate if the pump is being supplied from a pressurized source.



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The check valve shall be mounted as an integral part of the pump suction extension. A hole up to .25 inch (6.35 mm) is allowable in the check valve to release steam or other pressure buildup so that the void between the valve and check valve may drain of water that could be subject to freezing.

2.5" LEFT SIDE INLET

There shall be one (1) 2.50 inch (65 mm) gated suction inlet with .75 inch (19 mm) bleeder installed on the left side of the apparatus.

INTAKE PLUMBING

The plumbing shall consist of 2.50 inch (65 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

INTAKE TERMINATION

The termination shall include the following components:

One (1) 2.50 inch (65 mm) NST swivel female straight adapter with screen

One (1) 2.50 inch (65 mm) self-venting plug, secured by a cable

2.5" LEFT SIDE DISCHARGE

There shall be one (1) 2.50 inch (65 mm) gated discharge installed on the left side of the apparatus. The discharge shall be controlled with a rack & sector control with a rod bezel.

2.5" SIDE DISCHARGE PLUMBING

The plumbing shall consist of 2.50 inch (65 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.50 inch (65 mm) Male NST adapter

One (1) 2.50 inch (65 mm) NST female swivel by male with 30 degree polished elbow

One (1) 2.50 inch (65 mm) female self-venting cap, secured by a cable

2.5" RIGHT SIDE DISCHARGE

There shall be one (1) 2.50 inch (65 mm) gated discharge installed on the right side of the apparatus.

2.5" SIDE DISCHARGE PLUMBING

The plumbing shall consist of 2.50 inch (65 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.



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DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.50 inch (65 mm) Male NST adapter

One (1) 2.50 inch (65 mm) NST female swivel by male with 30 degree polished elbow

One (1) 2.50 inch (65 mm) female self-venting cap, secured by a cable

3.0" RIGHT SIDE DISCHARGE

There shall be one (1) gated 3.00 inch (77 mm) discharge installed on the right side of the apparatus.

3.0" SIDE DISCHARGE PLUMBING

The plumbing shall consist of 3.00 inch (77 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 3.00 inch (77 mm) NST X 4" (100) Straight adapter

One (1) 4.00 inch (100 mm) NST female by 5.00 inch (127 mm) Storz with 30 degree elbow

One (1) 5.00 inch (127 mm) Storz cap, secured by a cable

2.5" LEFT REAR DISCHARGE

There shall be one (1) 2.50 inch (65 mm) discharge located on the left side at the rear of the vehicle.

REAR DISCHARGE PLUMBING

The plumbing shall consist of 2.50 inch (65 mm) piping and shall be plumbed from the right hand discharge manifold, and shall incorporate a manual drain control installed below the pump area for ease of access.

DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.50 inch (65 mm) Male NST adapter

One (1) 2.50 inch (65 mm) NST female swivel by male with 30 degree polished elbow

One (1) 2.50 inch (65 mm) female self-venting cap, secured by a cable



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3.0" DECK GUN DISCHARGE

There shall be a 3.00 inch (77 mm) deck gun discharge provided.

DECK GUN PIPING

The deluge waterway shall be plumbed with 3.00 inch (77 mm) piping that terminates in the center location at the top of the pump compartment module.

The plumbing shall be drained with an auto-drain located at the lowest point of the waterway plumbing if required.

EXTEND-A-GUN

There will be a Task Force Tips 18.00 inch (457 mm) manual Extenda-Gun installed on the deluge pipe.

If the Extenda-Gun is not properly stowed and the transmission is placed into drive or reverse mode with the parking brake released, it shall activate the hazard light in the cab to alert the crew.

CROSSLAYS

Two (2) crosslays hose beds shall be located in the upper portion of the pump compartment, toward the front. The crosslay area shall span the entire width of the pump compartment module. Slotted aluminum flooring shall be provided for the hose bed area for drainage.

CROSSLAY CAPACITY

The crosslays shall each have capacity for 200 foot of 1.75 inch (45 mm) double jacket fire hose. The ends of the crosslay dividers shall be cut at a 62 degree angle to provide room for the hand holes cut into the crosslay cover ends.

DISCHARGE PLUMBING

The plumbing shall consist of 2.00 inch (50 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.00 inch (50 mm) NPT x 1.50 inch (38 mm) NST chrome plated brass chiksan swivel

The use of a swivel shall allow hose payout to either side of the pump compartment.

FOAM CAPABLE

The following discharges shall be foam capable: (2) 2" crosslays, front bumper discharge, and hose reel.



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2.5" CROSSLAY DISCHARGE

One (1) additional crosslay hose bed shall be provided.

The crosslay shall have capacity for 200 feet of 2.50 inch (65 mm) double jacket fire hose.

DISCHARGE PLUMBING

The plumbing shall consist of 2.50 inch (65 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.5" x 2.5" NST chrome plated brass chiksan swivel

The use of a swivel shall allow hose payout to either side of the pump compartment.

CROSSLAY COVER

A .188 inch (4.76 mm) aluminum diamond plate crosslay cover shall be provided. The cover shall be installed to provide a solid surface over all bays. The cover shall be hinged with full length piano hinge. When opened, the tread plate cover shall rest upon rubber bumpers or an equivalent type protective to eliminate marring or scratching of other apparatus body work.

There shall be hand holes cut in each end of the crosslay cover.

CROSSLAY SIDE COVERS

The crosslay hose bed area shall have a cover installed at each end of the crosslay area by the Dealership prior to the apparatus being placed into service.

LED CROSSLAY HOSEBED LIGHT

One (1) On Scene LED 60" Walkway series waterproof light shall be installed in an anodized aluminum housing on the front of the body to illuminate the crosslay area.

CROSSLAY LIGHT ACTIVATION

The crosslay light shall be activated with the pump "Panel Lights" switch.

FRONT BUMPER DISCHARGE

One (1) 1.50 inch (38 mm) front bumper discharge outlet shall be provided.

FRONT BUMPER DISCHARGE PLUMBING

The front bumper discharge plumbing shall consist of 2.00 inch (50 mm) piping, and shall incorporate a manual drain control installed below the pump area for ease of access.

Auto-drain(s) shall be installed in the discharge piping at the lowest point of the plumbed system.



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FRONT BUMPER DISCHARGE TERMINATION

The discharge termination shall include the following components:

One (1) 2.00 inch (50 mm) NPT x 1.50 inch (38 mm) NST polished stainless steel chiksan swivel.

The use of a swivel shall allow hose payout to either side of the apparatus.

The front bumper discharge shall be mounted on top of the gravel shield of the front bumper extension. There shall be a rubber bump stop to the front bumper discharge for contact point. The discharge shall be placed to the right of the hose well. The hosewell lid shall be notched on the passenger's side.

BOOSTER HOSE REEL

There shall be one (1) Hannay electric rewind booster reel with automatic brake installed on the apparatus. The reel shall have a capacity of 200 foot (60 m) of 800 psi (55 BAR) booster hose.

There shall be a manual rewind device provided. A manual crank shall be mounted adjacent to booster reel.

The reel shall be model number EPF28-25-26-RT, 12V, standard assembly, electric rewind right hand side, manual rewind horizontal orientation, inlet shall be 1.0" with a 90 degree swivel.

REEL FINISH

The hose reel specified shall be steel and painted the standard silver utilized by Hannay.

HOSE REEL VALVE

The reel shall be plumbed to the pump with a 1.50 inch quarter turn Akron 8815 ball valve and 1.50 inch high pressure hose and couplings.

The valve shall be controlled from the operator's panel. with a push pull control.

REWIND ACTIVATION

An electric rewind switch shall be mounted on the side wall in the B1 compartment. The switch shall have a weather resistant rubber cover and label denoting its function.

The switch shall be labeled "REEL REWIND" with a Innovation Control bezel.

The circuit breaker for the electric rewind shall be of the manual reset type and be located within easy reach of the operator.

HOSE REEL LOCATION

The hose reel shall be mounted on the floor of the Rear Center, B-1 compartment toward the rear and left of the compartment to maximize storage space for the nozzle and other accessories.



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BOOSTER REEL GAUGE

A discharge gauge shall be included for the booster reel, the discharge gauges shall be specified in the specification.

BOOSTER HOSE

The booster hose shall be provided and installed by the Dealership prior to the apparatus being placed into service.

HOSE ROLLER GUIDES

There will be stainless steel hose roller guides provided and installed inside of the B1 compartment, in a vertical orientation to protect the apparatus and allow ease of deployment on the booster reel.

DISCHARGE GAUGES

An Innovative Controls 2.50 inch (65 mm) gauge shall be supplied for reading the pressure of each discharge greater than 1.50 inches (38 mm) in diameter, unless otherwise specified.

GAUGE SCALE

Each gauge shall be marked for reading a discharge pressure of 0-400 PSI.

GAUGE FACE COLOR

Each gauge shall have black markings on a white face.

BEZELS FOR 2.5" DISCHARGE GAUGES

There shall be a deluxe bezel supplied around each of the 2.50 inch (65 mm) discharge pressure gauges. The bezels shall be constructed from chrome-plated zinc with large, easily identifiable recessed labels for color-coding and verbiage.

FOAMPRO 1600

There shall be a fully automatic electronic direct injection foam proportioning system furnished and installed on the apparatus. The system shall be capable of Class A foam concentrate. The proportioning operation shall be based on an accurate direct measurement of water flows with no water flow restriction. The foam system shall be installed in accordance with the manufacturer's recommendations. The foam system shall have a 12 volt, 1/3 horsepower electric positive displacement foam concentrate pump with a rated capacity of .01 to 1.7 GPM with operating pressures up to 400 psi.

The system shall be manufactured by the Fire Research Corporation and be model FoamPro 1600.

The system shall be equipped with a control module. It shall be installed on the pump operators panel and enable the pump operator to perform the following functions:

- Activate the foam system
- Change foam concentrate proportioning rates from .1% to 1%



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- Flash a "low concentrate" warning light when the foam concentrate tank runs low. In two (2) minutes if foam concentrate is not added to tank, the foam concentrate pump shall be deactivated.

FOAM SYSTEM TESTING

The apparatus foam system shall be tested and the Foam Flow meter shall be certified by the manufacturer prior to delivery.

FOAM TANK

One (1) 20 gallon foam tanks with square hinged lids, equipped with a hold down devices shall be installed and plumbed with non-corrosive piping to the foam system. The fill towers shall be approximately 8.00 inch by 8.00 inch.

A label shall be affixed to the foam tank fill indicating: "WARNING" Class A (or B) foam tank fill, do not mix brands or types of foam.

Foam tank shall be integral with the booster water tank provided

SYSTEM PLUMBED TO 1 TANK

The system shall be supplied by a single foam tank. There shall be a 1/4 turn valve located at the tank for serviceability.

SINGLE 1" TANK DRAIN

There shall be a 1.00 inch quarter turn drain valve installed for drainage of the foam tank. The valve shall be installed in the pump house with a drain line extended to the side running board.

An additional 1" quarter turn drain valve shall be installed at the outlet of the foam tank port to allow for service of the foam system with out having to drain the foam tank.

FOAM TANK LEVEL GAUGE

There shall be one (1) Fire Research TankVision WLA360-A00 LED electronic foam level gauge located on the pump operator's control panel. This level gauge utilizes ultra-bright LEDs for sunlight readability, and two wide-viewing lenses for 180 degrees of clear viewing. There shall be a "Class A" label installed.

VIBRA-TORQUE™ BODY MOUNTING SYSTEM

The entire body module assembly shall be mounted to the chassis frame rails exclusively with Vibra-Torq™ torsion isolator assemblies to reduce the vibration and stress providing an extremely durable body mount.

The body substructure shall be mounted above the frame to allow independent flexing to occur between the body and the chassis. Two (2) assemblies shall be mounted to the chassis frame rails with steel, gusseted mounting brackets. Each bracket shall be painted for corrosion resistance. Each body mount bracket shall be mounted to the side chassis frame flange with two 5/8"-UNC Grade 5 HHCS.

The rear assemblies shall have a two-part rubber vibration isolator. Certain assemblies shall also



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incorporate a torsion spring. Helical coil springs shall be incorporated into specific mounts in tandem with the rubber isolators to minimize the stress absorbed by the body caused from chassis frame rail flexing.

There shall be no welding to the chassis frame rail sides, web or flanges, or drilling of holes in the top or bottom frame flanges between axles. All body to chassis connections shall be bolted so that in the event of an accident, the body shall be easily removable from the truck chassis for repair or replacement.

Because of the constant vibration and twisting action that occurs in chassis frame rails and suspension, the torsion mounting system is required to minimize the possibility of premature body structural failure. The Vibra-Torque™ body mounting system shall have a lifetime warranty.

COMPARTMENT VENTILATION

To allow for proper air circulation and flow, each compartment shall have a venting route. The venting locations shall be determined by "best-fit" locations for each body style configuration. The vents will be integrated on the compartment interior walls.

COMPARTMENTATION

The following compartments shall be supplied on the apparatus:

Compartment "L1"

There shall be one (1) full height compartment ahead of the rear wheels on the left side of the apparatus with interior dimensions of the following:

The upper portion shall be approximately 37.75 inches (958.85 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 37.75 inches (958.85 mm) wide by 33.00 inches (838.20 mm) high by 26.00 inches (660.40 mm) deep.

Clear door opening dimensions shall be 29.70" (754.38 mm) wide by 63.10" (1602.74 mm) high.

Compartment "L2"

There shall be one (1) compartment over the rear wheels on the left side of the apparatus with interior dimensions of the following:

The upper portion shall be approximately 68.00 inches (1727.20 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 68.00 inches (1727.20 mm) wide by 8.00 inches (203.20 mm) high by 25.75 inches (660.40 mm) deep.

Clear door opening dimensions shall be 65.50" (1663.70 mm) wide by 38.10" (967.74 mm) high.

Compartment "L3"

There shall be one (1) full height compartment behind the rear wheels on the left side of the apparatus with interior dimensions of the following:



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The upper portion shall be approximately 46.75 inches (1187.45 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 46.75 inches (1187.45 mm) wide by 33.00 inches (838.20 mm) high by 26.00 inches (660.40 mm) deep.

Clear door opening dimensions shall be 41.70" (1059.18 mm) wide by 63.10" (1602.74 mm) high.

Compartment "R1"

There shall be one (1) full height compartment ahead of the rear wheels on the right side of the apparatus with interior dimensions of the following:

The upper portion shall be approximately 37.75 inches (958.85 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 37.75 inches (958.85 mm) wide by 33.00 inches (838.20 mm) high by 26.00 inches (660.40 mm) deep.

Clear door opening dimensions shall be 29.70" (754.38 mm) wide by 63.10" (1602.74 mm) high.

In cases of chassis driven exhaust clearances issues, the rear lower back portion of the compartment shall be notched to accommodate. This notch may be approx. 6.00 inches deep x 6.00 inches high x 6.00 inches long. This may be reduced as required to allow for a minimal intrusion as possible.

Compartment "R2"

There shall be one (1) compartment over the rear wheels on the right side of the apparatus with interior dimensions of the following:

The upper portion shall be approximately 68.00 inches (1727.20 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 68.00 inches (1727.20 mm) wide by 8.00 inches (203.20 mm) high by 25.75 inches (660.40 mm) deep.

Clear door opening dimensions shall be 65.5" (1663.70 mm) wide by 38.1" (967.74 mm) high.

Compartment "R3"

There shall be one (1) full height compartment behind the rear wheels on the right side of the apparatus with interior dimensions of the following:

The upper portion shall be approximately 46.75 inches (1187.45 mm) wide by 39.00 inches (990.60 mm) high by 12.50 inches (317.50 mm) deep.

The lower portion shall be approximately 46.75 inches (1187.45 mm) wide by 33.00 inches (838.20 mm) high by 26.00 inches (660.40 mm) deep.

Clear door opening dimensions shall be 41.70" (1059.18 mm) wide by 63.10" (1602.74 mm) high.



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FORMED BODY DESIGN CONSTRUCTION

The apparatus body shall be a formed sheet metal design, which serves as the compartment enclosures and supporting substructure of the body. The substructure and enclosures shall work in unison to provide maximum storage that supports and protect the contents contained within.

BODY CONSTRUCTION

The body substructure and compartments shall utilize a combination of huck bolting and welding methods.

The huck bolt systems utilized in either body or substructure shall be .3125 inch (7.94 mm) or .375 inch (9.53 mm) diameter stainless steel fasteners for maximum shear and tension strength. Other system of fasteners that do not consist of stainless steel shall NOT be acceptable.

In combination with the huck bolt system, strictly monitored welding procedures shall be instituted. To ensure maximum joint strength, any welding zones shall be welded together utilizing American Welding Standard (A.W.S), Certified welding procedures.

Due to the engineered combination of specifically chosen materials, no dissimilar metals shall be used in the body and its supporting substructure without being separated by a sufficient corrosion and electrolysis inhibitor. This shall consist of isolation pads and structural adhesives.

Absolutely no dissimilar metals shall be used in the body and its supporting substructure without being separated by Eck®, which prevents corrosion by providing a barrier between dissimilar metals, sealing out moisture and absorbing energy created by a dissimilar metal reaction.

BODY STRUCTURE

The supporting tank and compartment substructure shall be manufactured from corrosion resistant 3CR12 stainless steel material. The supporting material shall be engineered from 7 gauge stainless steel material to provide both high strength and corrosion resistance for longevity of the apparatus body. The use of black carbon steel materials that have been painted or coated to try to prevent corrosion shall not be expectable.

BODY COMPARTMENTS

The formed sheet metal compartments shall utilize a 0.125 inch (3.18 mm) thick 5052-H32 aluminum alloy to provide maximum strength and durability. Each compartment sheet and enclosure shall be fabricated in a manor to provide proper sheet alignment and weld location application. The body shall consist of multiple pre-engineered compartment assemblies that shall be combined to create a series of body combinations. In the event of body damage, these assemblies shall allow for easier disassembly and assembly through the use of common tools and materials.

COMPARTMENT TOPS AND EXTERIOR HOSE BED WALL

The exterior compartment tops and outer hose bed walls shall consist of .125 inch (3.18 mm) embossed aluminum diamond plate material to provide both strength and pleasing appearance. The hose bed walls shall be embossed aluminum diamond plate to the outward face while incorporating an additional smooth aluminum interior wall sheet to form the hose bed area. The use of interior and exterior hose bed wall sheets shall provide an enclosed section for strength integrity, wire routing, etc. Single hose bed wall sheet construction shall NOT be acceptable.



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COMPARTMENT FLOORS

The body compartments shall be enclosed with aluminum sheet metal as specified above. The compartment floors shall have a 1.00 inch (25.40 mm) lip downward at the door opening side of the compartment. This lip shall integrate with a structural member on the bottom edge and form a "sweep-out" compartment. This design shall also allow for a structural flush fitting door frame and a complete door/weather seal.

COMPARTMENT LOAD CAPACITY

Each compartment shall have a minimum of one additional structural compartment floor support hat section centered on the underside of the compartment floor. This additional member shall be integral with compartment assemblies of each area. Each compartment must be designed, and analyzed to carry a working load of:

Full depth side compartment: 500 pounds (226.80 kg) per compartment
Half depth side compartment: 375 pounds (170.10 kg) per compartment
Rear center compartment: 500 pounds (226.80 kg)

REAR COMPARTMENT

The following compartment shall be supplied on the apparatus:

Compartment "B1":

There shall be one (1) compartment installed at the rear of the apparatus with a R·O·M Series IV roll up door.

The interior dimensions of this compartment shall be approximately 41.50 inches (1054.10 mm) wide by 39.50 inches (1003.30 mm) high by 33.63 inches (844.55 mm) deep.

Clear door opening dimensions shall be 33.50" (850.90 mm) wide by 31.80" (807.72 mm) high.

DOOR OPEN INDICATOR

The rear compartment roll up door shall have an integral door open indicator magnet in the lift bar. If the bar is not properly closed and the transmission is shifted out of neutral with the parking brake released, it shall activate the "Do Not Move Apparatus Light" in the cab to alert the crew.

ROLL-UP DOOR PROTECTOR

There shall be a protective cover installed under the rear compartment door roll to protect the door in the rolled up position.

ROLL-UP DOOR PROTECTOR FINISHING

The cover shall be fabricated of smooth aluminum and of Natural finish.

ROLL-UP DOOR CONSTRUCTION

All horizontal and vertical side compartment doors shall be roll-up style doors.



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SIDE AND REAR COMPARTMENT DOORS

A R•O•M Corporation Series IV roll-up shutter door shall be installed. Each shutter slat, track, bottom rail, and drip rail shall be constructed from anodized 6063 T6 aluminum.

Shutter slats shall feature a double wall extrusion 0.315 inches thick with a concave interior surface to minimize loose equipment jamming the shutter door closed. Shutter slats shall feature an interlocking end shoe to prevent side to side binding of the shutter door during operation. Slat must have interlocking joints with an inverted locking flange. Slat inner seal shall be a one piece PVC extrusion; seal design shall be such to prevent metal to metal contact while minimizing dirt and water from entering the compartment.

Shutter door track shall be one piece design with integral overlapping flange to provide a clean finished look without the need of caulk. Door track shall feature an extruded Santoprene rubber double lip low profile side seal with a silicone co-extruded back to reduce friction during shutter operation.

Shutter bottom rail shall be a one piece double wall extrusion with integrated finger pull. Finger pull shall be curved upward with a linear striated surface to improve operator grip while operating the shutter door. Bottom rail shall have a smooth contoured interior surface to prevent loose equipment from jamming the shutter door. Bottom rail seal shall be made from Santoprene; it will be a double "V" seal to prevent water and debris from entering compartment. Bottom rail lift bar shall be a one piece "D" shaped aluminum extrusion with linear striations to improve operator grip during operation. Lift bar shall have a wall thickness of 0.125 inches. Lift bar shall be supported by no less than two pivot blocks; pivot blocks shall be constructed from Type 66 Glass filled reinforced nylon for superior strength. Bottom rail end blocks shall have incorporated drain holes which will allow any moisture that collects inside the extrusion to drain out.

Shutter door shall have an enclosed counter balance system. Counter balance system shall be 4.00 inches in diameter and held in place by 2 heavy duty 18 gauge zinc plated plates. Counter balance system shall have 2 over-molded rubber guide wheels to provide a smooth transition from vertical track to counter balance system.

SIDE COMPARTMENT DOOR/TRACK/TRIM WET PAINTED

The side compartment doors, track, and trim shall be aluminum finish and wet painted to color match the apparatus body.

REAR COMPARTMENT DOOR/TRACK/TRIM WET PAINTED

The rear compartment door, track and trim shall be aluminum finish and wet painted to color match the apparatus body.

ROLL-UP DOOR PROTECTORS

There shall be a protective cover installed under each body side compartment door roll to protect the door in the rolled up position.

ROLL-UP DOOR PROTECTORS FINISHING

Each cover shall be fabricated of smooth aluminum and of Natural finish.

ROLL-UP DOOR ASSIST STRAPS



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There shall be nylon straps installed on the both left and right side body side, 'high side' compartment doors, to assist in closing the door. The strap shall be attached to each door and shall be permanently mounted to the rearward wall with footman loops using nutserts, half way between the top and bottom of the compartment.

DOOR OPEN INDICATOR

Each roll up door shall have an integral door open indicator magnet in the lift bar.

If the bar is not properly closed and the transmission is shifted out of neutral with the parking brake released, it shall activate the "Do Not Move Apparatus Light" in the cab to alert the crew.

COMPARTMENT LIGHTING

Two (2) OnScene Access LED tube lights shall be installed in each body compartment.

The tube lights shall be full height along the forward side of the door framing and shall be maximum length available to fit the opening.

The light in each compartment shall be on a separate circuit, turning on only those lights that have open compartment doors. The lights shall not be tied into the park brake control.

HOSE STORAGE

A hosebed shall be provided that meets the minimum NFPA storage requirements. The hosebed shall have slotted 1/4" .25 inch (6.35 mm) aluminum flooring installed to allow drainage through the tank cavity to the ground below.

The aluminum flooring shall be manufactured in discrete sections to allow for easy removal and outstanding stability. The area shall be free of sharp edges to protect the hose when loaded or distributed.

HOSEBED BULKHEAD

There shall be a bulkhead divider installed directly behind the water and foam fill towers.

HOSEBED FINISH

The apparatus hosebed interior walls shall be incorporated with a brushed stainless steel overlay material.

HOSEBED DIVIDER WITH HAND CUTOUT

There shall be a full height adjustable hose bed divider provided and installed in the hose bed area of the apparatus body.

The divider shall be fabricated of 1/4" .25 inch (6.35 mm) thick aluminum plate with a double sided reinforcement, (the sheet shall be secured via an extrusion at the base and forward vertical edge of the sheet) and attached to the adjustable slide rails. The rear of the divider shall have a radius to provide a smooth corner and a hand cut out to aid in access to the hose bed area. Hose payout shall be unobstructed by the divider.

There shall be a total of (2) provided and installed in the hose bed.



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HOSEBED RISER

A 15.00 inch (381.00 mm) hosebed riser made from the same material as the body shall be provided in order to increase the hosebed capacity.

CATWALKS

Catwalks shall be provided over the top of the compartments. The catwalks shall be manufactured with .125 inch (3.18 mm) embossed aluminum diamond plate material.

The outboard edge shall be bent downward at a 90 degree angle and over the compartments on both sides.

A FRAME HOSE BED COVER

There shall be an A-Frame double door cover furnished and installed on the apparatus for the hose bed.

The covers shall be fabricated of 1/8" .125 inches (3.18 mm) embossed aluminum diamond plate material with full length two-piece stainless steel piano hinges.

Each cover shall be capable of being opened independently.

The covers shall be full length of the hose bed storage area, from rear of the apparatus to the bulkhead wall.

There shall be a mechanical hold open device to hold each cover in the open position at the front of the hosebed covers.

To aid in opening and closing the covers, there shall be (2) 18" grab handles at the front of the covers, one each side. Additionally there shall be two (2) 18" grab handles per cover, installed at the back of the "A-Frame" tube structure, one on each side of the hosebed area.

If the cover is not properly closed and the transmission is placed into drive or reverse mode with the parking brake released, it shall activate the hazard light in the cab to alert the crew.

The covers shall not be a walking surface.

REAR HOSE BED COVER

The cover that extends down over the rear of the hose bed shall be supplied and installed by the Dealership prior to the apparatus being placed into service.

HOSE BED COVER LIGHTING

Four (4) OnScene "Access" LED tube light shall be mounted to the underside of each hose bed cover, two each cover of approx.. 48.00 inches each, evenly spaced from front to back.

The lights on each side shall be on a separate circuit and activate only when their respective side covers are opened.



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DUNNAGE AREA

A vertical bulkhead shall be installed at the front of the hosebed area, just behind the water tank fill tower, forming a storage area that is separated from the hosebed. The dunnage area interior side walls shall be incorporated with a brushed stainless steel overlay material.

The rear face of the bulkhead shall serve as a mounting surface for the hosebed dividers, resulting in the ability to move any hosebed divider across the entire width of the hosebed.

UPF POLY TANK III

The booster tank shall be constructed of PT3™ polypropylene material. This material shall be a non-corrosive stress relieved thermoplastic and UV stabilized for maximum protection. The booster and/or foam tank shall be of a specific configuration and is so designed to be completely independent of the body and compartments.

All joints and seams shall be fused using nitrogen gas as required and tested for maximum strength and integrity. The tank construction shall include PolyProSeal™ technology wherein a sealant shall be installed between the plastic components prior to being fusion welded. This sealing method will provide a liquid barrier offering leak protection in the event of a weld compromise. The top of the booster tank is fitted with removable lifting assembly designed to facilitate tank removal. The transverse and longitudinal swash partitions shall be manufactured of a minimum of 3/8" PT3™ polypropylene. All partitions shall be equipped with vent and air holes to permit movement of air and water between compartments. The partitions shall be designed to provide maximum water flow. All swash partitions interlock with one another and are completely fused to each other as well as to the walls of the tank. All partitions and spacing shall comply with NFPA 1901, current edition. The walls shall be welded to the floor of the tank providing maximum strength as part of the tank's unique Full Floor Design™. Tolerances in design allow for a maximum variation of .125 on all dimensions.

WATER FILL TOWER AND COVER

The tank shall have a combination vent and manual fill tower. The fill tower shall be constructed of .50 inch (12.7 mm) PT3™ polypropylene. The fill tower shall be blue in color indicating that it is a water-only fill tower. The tower shall be located in the left front corner of the tank unless otherwise specified by the tank manufacturer to the purchaser. The tower shall have a .25 inch (6.4 mm) thick removable polypropylene screen and a PT3™

Polypropylene hinged cover. The capacity of the tank shall be engraved on the top of the fill tower lid. Inside the fill tower there shall be a combination vent/overflow pipe. The vent overflow shall be a minimum of schedule 40 polypropylene pipe with a minimum I. D. of 4.00 inch (100 mm) that is designed to run through the tank, and shall be piped to discharge water behind the rear wheels as required in NFPA 1901, current edition, so as to not interfere with rear tire traction.

The tank cover shall be constructed of .50 inch (12.7 mm) thick PT3™ polypropylene and UV stabilized, to incorporate a multi-piece locking design, which allows for individual removal and inspection if necessary. The tank cover(s) shall be flush or recessed 3/8" from the top of the tank and shall be fused to the tank walls and longitudinal partitions for maximum integrity. Each one of the covers shall have hold downs consisting of 2.00 inch (50 mm) minimum polypropylene dowels spaced a maximum of 40.00 inch (1016 mm) apart. These dowels shall extend through the covers and will assist in keeping the covers rigid under fast filling conditions. A minimum of two lifting dowels shall accommodate the necessary lifting hardware.



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MOUNTING

The UPF Poly-Tank® III shall rest on the body cross members in conjunction with such additional cross members, spaced at a distance that would not allow for more than 530 square inches of unsupported area under the tank floor. In cases where overall height of the tank exceeds 40.00 inch (1016 mm), cross member spacing must be decreased to allow for not more than 400 square inches of unsupported area. The tank must be isolated from the cross members through the use of hard rubber strips with a minimum thickness and width dimension of .25 inch (6.4 mm) x 1.00 inch (25 mm) and a Shore A Hardness of approximately 60 durometer. The rubber must be installed so it will not become dislodged during normal operation of the vehicle. Additionally, the tank must be supported around the entire bottom outside perimeter and captured both in the front and rear as well as side to side to prevent tank from shifting during vehicle operation.

A picture frame type cradle mount with a minimum of 2.00 inch (50 mm) x 2.00 inch (50 mm) x .25 inch (6.4 mm) mild steel, stainless steel, or aluminum angle shall be provided or the use of corner angles having a minimum dimension of 4.00 inch (100 mm) x 4.00 inch (100 mm) x 4.00 inch (100 mm) by 6.00 inch (150 mm) high are permitted for the purpose of capturing the tank.

Although the tank is designed on a free floating suspension principle, it is required that the tank have adequate vertical hold down restraints to minimize movement during vehicle operation. If proper retention has not been incorporated into the apparatus hose floor structure, an optional mounting restraint system shall be located on top of the tank, half way between the front and the rear on each side of the tank. These stops can be constructed of steel, stainless steel or aluminum angle having minimum dimensions of 3.00 inch (77 mm) x 3.00 inch (77 mm) x .25 inch (6.4 mm) and shall be approximately 6.00 inch (150 mm) to 12.00 inch (304.80 mm) long. These brackets must incorporate rubber isolating pads with a minimum thickness of .25 inch and a hardness of 60 durometer affixed on the underside of the angle. The angle should then be bolted to the body side walls of the vehicle while extending down to rest on the top outside edge of the upper side wall of the tank. Hose beds floors must be so designed that the floor slat supports extend full width from side wall to side wall and are not permitted to drop off the edge of the tank or in any way come in contact with the individual covers where a puncture could occur. Tank top must be capable of supporting loads up to 200 lbs. per sq. foot when evenly distributed. Other equipment such as generators, portable pumps, etc. must not be mounted directly to the tank top unless provisions have been designed into the Poly-Tank® III for that purpose. The tank shall be completely removable without disturbing or dismantling the apparatus structure. The tank must be designed and fabricated by a tank manufacturer that is ISO 9001:2008 certified. The ISO certification must be to the current standard in effect at the time of the design and fabrication of the tank.

TANKNOLOGY™ TAG

A tag shall be provided with the apparatus paperwork and contain pertinent information including a QR code readable by commercially available smart phones. The information contained on the tag shall include the capacity of the water and foam(s), the maximum fill and pressure rates, the serial number of the tank, the date of manufacture, the tank manufacturer, and contact information. The QR code will allow the user to connect with the tank manufacturer for additional information and assistance.

TANK CAPACITY

The tank shall be 1000 gallons (3785 liters) in capacity.



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FILL TOWER

The fill opening shall be approximately 14.00 inches (355.60 mm) x 14.00 inches (355.60 mm).

The tower will have a .25 inch (6.35 mm) thick removable poly material screen and hinged type cover that will open if the tank is filled at an excess rate. There shall be a removable .25 inch (6.35 mm) thick poly material screen to prevent debris from falling into the tank.

The fill tower shall have a 6.00 inch (152.40 mm) overflow that will discharge underneath the tank, behind the rear wheels. The overflow shall terminate above the tank water level when filled to the rated capacity.

LADDER STORAGE

The ground ladders shall be stored within a compartment installed on the right side of the apparatus booster tank, with ladders lying on their side. There shall be storage for two (2) pike poles and a slot for a back board integrated into the compartment. There shall be a non-metal ladder stop to prevent metal to metal contact. There shall be non-metallic guides installed for ladders to slide on.

All items shall be stored in their own independent section to allow one item to be removed without disturbing another.

The compartment and door shall be fabricated of 1/8" .125 inch (3.18 mm) smooth aluminum.

The door shall be vertically hinged and provided with two push button style latches and a chrome handle centered between the push button latches.

If the door is not properly closed and the transmission is shifted out of neutral with the parking brake released, it shall activate the "Do Not Move Apparatus light" in the cab to alert the crew.

GROUND LADDERS

The following ground ladders shall be provided by the manufacturer:

-One (1) Duo-Safety 24 foot (7 m) two (2) section aluminum extension ladder, model 900A.

-One (1) Duo-Safety 14 foot (4 m) aluminum roof ladder with folding hooks, model 775A.

-One (1) Duo-Safety 10 foot (3 m) aluminum attic ladder, model 585A.

BODY OVERLAYS – FRONT/REAR

The entire front face of the apparatus body shall have aluminum diamond plate overlays installed. The entire rear face of the apparatus body shall have raw aluminum overlays installed for the installation of chevron striping.

All overlay materials shall be coated with 3M adhesive sealant on the back portion to provide an insulating barrier between dissimilar metals.

WHEEL WELL ROLL-OUT DRAWER

There shall be a roll-out drawer installed in the compartment located above the rear wheel on the



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left side of the body in the L-2 compartment.

The drawer shall be approximately 25" deep x 62.75" wide with 2" tall sides and have a 300.00 pound (136.08 kg) capacity.

The drawer shall incorporate locking slides actuated by an Austin Hardware (FDR-L001-xxxxx) front drawer release lift handle at the forward face of the drawer.

SCBA COMPARTMENT BIN

There shall be an eight (8) place air bottle compartment bin provided in the lower portion of the compartment located above the wheel well area on the right side in the R-2 compartment.

The interior surface of each SCBA storage tube shall be lined with a coating of gray speedliner. The application of speedliner shall aid to minimize any damage caused to the canisters while stored in the holders.

The NFPA required SCBA bottle straps shall be mounted deeper in the compartment so the bottles do not hit the door when the door is closed.

OVERWHEEL SHELVING

One (1) shelf 66.25 inch wide x 11.50 inch deep x 2.00 inch high shall be provided in the driver's side wheel well compartment as part of the assembly.

The shelf shall be .19 inch (4.76 mm) smooth aluminum with a formed 2.00 inch (50.80 mm) lip on the front and back. The side mounting brackets shall be integral with the shelving to form the sides.

One (1) shelf 66.25 inch wide x 11.50 inch deep x 2.00 inch high shall be provided in the officer's side wheel well compartment as part of the assembly.

The shelf shall be .19 inch (4.76 mm) smooth aluminum with a formed 2.00 inch (50.80 mm) lip on the front and back. The side mounting brackets shall be integral with the shelving to form the sides.

COMPARTMENT UNISTRUT

Vertically mounted Unistrut shall be installed in ALL compartments of the apparatus body to accommodate mounting shelves, trays, and other miscellaneous equipment items as specified.

SHELVING

The shelving shall be made out of 3/16" .190 inch (4.83 mm) smooth aluminum sheet material with a formed 2 inch (50.80 mm) lip on the front and back.

The side mounting brackets shall be integral with the shelving to form the sides. The shelving shall be vertically adjustable.

The following shelving shall be provided:

UPPER HALF DEPTH SHELVING



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A full width x half depth shelf shall be provided and installed in the upper compartment(s) specified.

There shall be a total quantity of three (3) provided.

One (1) shall be located in the L-3 compartment.

One (1) shall be located in the R-1 compartment.

One (1) shall be located in the R-3 compartment.

SHELF DEPTH MODIFICATION

The shelf specified above shall be reduced in depth by 1.00 inch (25.40 mm) for installation of wall mount tool boards.

FULL DEPTH SHELVING

A full width x full depth shelf shall be provided and installed in the compartment(s) as specified.

There shall be a total quantity of one (1) provided.

One (1) shall be located in the L-1 compartment.

SHELF AND TRAY FINISH

Any shelf or roll-out tray installed shall have a dual-action sanded finish applied on the front and side faces.

WHEEL WELL PANELS

The body panel area around the wheel well on each side of the body shall be painted the same color as the rest of the body

SIDE RUB RAILS

The bottom edge of the body compartments shall be protected with rub rails to absorb minor damage while protecting the body. The rear rub rails shall be full length to the end of the tailboard.

The rub rails shall be fabricated of brightly anodized aluminum channel. The rub rails shall be bolted in place with stainless steel bolts and shall be spaced away from the body with .50 inch (12.70 mm) nylon spacers to help prevent the collection of water and debris. Each rub rail section shall be easily removable and replaced should it become damaged.

REAR RUB RAILS

The rearward edge of the rear step shall be trimmed with rub rails to absorb minor damage while protecting the body.

The rub rails shall be fabricated of brightly anodized aluminum channel. The rub rails shall be bolted in place with stainless steel bolts and shall be spaced away from the body with .50 inch (12.70 mm) nylon spacers to help prevent the collection of water and debris. Each rub rail section



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shall be easily removable and replaced should it become damaged.

RUB RAIL RETRO-REFLECTIVE STRIPING

One inch retro-reflective Diamond Grade striping shall be applied to the length of each rub rail section making the perimeter of the apparatus more readily visible.

STRIPE COLOR

The reflective striping shall be red in color.

DOOR SILL TRIM PLATES

Brushed stainless steel door sill plates shall be installed at the bottom of each body compartment door opening.

VERTICAL OVERLAY TRIM PLATES

Full height brushed stainless steel vertical overlay trim plates shall be installed on the back outer rear corners of the body compartment.

FENDERETTES

Two (2) polished aluminum fenderettes shall be provided and installed on body rear wheel well openings, one (1) each side. Rubber welting shall be provided between the body and the crown to seal the seam and restrict moisture from entering. A dielectric barrier shall be provided between the fender crown fasteners (screws) and the fender sheet metal to resist deterioration.

REAR TAILBOARD

The rear tailboard shall be fabricated of the same materials as used in the apparatus body. The tailboard shall be an independent assembly fastened to the rear body structural framing to provide body protection and a solid rear stepping platform.

The rear of the apparatus body shall be vertical in design - otherwise known as a 'flat-back'. On the rear body surface, a sign shall be attached that states: "DO NOT RIDE ON REAR STEP, DEATH OR SERIOUS INJURY MAY RESULT."

The rear tailboard and body shall be constructed such that the angle of departure shall be no less than 8 degrees at the rear of the apparatus when fully loaded (Per NFPA 1901, current edition).

REAR TAILBOARD STEP

The rear tailboard shall be approximately 17.5 inches deep and shall incorporate a .125 embossed aluminum diamond plate overlay.

The stepping area shall span the width of the apparatus, overlapping the perimeter of the structural tailboard framework.

The embossed diamond plate material shall meet the minimum NFPA standard requirements for slip resistance.



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INTERMEDIATE REAR STEP

One (1) upper rear fixed intermediate step approximately 53.375 inch wide x 10.00 inch deep shall be provided above the rear compartment to be used as a stepping area when loading or deploying hose. The step shall be designed with integrated grab handles and hand holes.

The step shall be fabricated of embossed aluminum diamond plate material.

The step shall be mounted on the flat back of the apparatus with gusset-type mounting and shall be mounted with 3/8" bolts.

The step shall extend from ladder compartment to left side hosebed wall and shall protect the rear discharge.

INTERMEDIATE STEP LIGHTING

Sufficient lighting light shall be installed to illuminate the stepping areas as provided.

The light shall be directed towards and positioned above the stepping surface.

There shall be an On-Scene Access 38" LED tube light installed below the intermediate step to illuminate below the step.

STEP LIGHT ACTIVATION

The step lights shall be activated when the park brake is set.

FOLDING STEP

Innovative Controls illuminated folding step(s) shall be installed on the body as required per NFPA. The top of the stepping surface shall have a knurled finish and an LED light that illuminates the stepping surface. An additional light shall be provided on the step mounting bracket to illuminate the area under the step.

The steps shall be mounted with 3/8" bolts.

The following steps shall be installed:

ILLUMINATED FOLDING STEPS

Three (3) illuminated folding steps shall be installed on the left front vertical face of the body.

STEP LIGHT ACTIVATION

The step lights shall be activated when the park brake is set.

10" HANDRAILS

One (1) handrail constructed of knurled Aluminum tubing shall be installed to assist in climbing the steps according to NFPA 1901, current edition. There shall be a 2.00 inch minimum clearance between the bracket and the body.

Location: Front edge of catwalk, angled at approximately 30 degrees.



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ILLUMINATED FOLDING STEPS

Three (3) illuminated folding steps shall be installed on the right front vertical face of the body.

STEP LIGHT ACTIVATION

The step lights shall be activated when the park brake is set.

10" HANDRAILS

One (1) handrail constructed of knurled Aluminum tubing shall be installed to assist in climbing the steps according to NFPA 1901, current edition. There shall be a 2.00 inch minimum clearance between the bracket and the body.

Location: Front edge of catwalk, angled at approximately 30 degrees.

ILLUMINATED FOLDING STEPS

Two (2) illuminated folding steps shall be installed on the right rear vertical face of the body.

STEP LIGHT ACTIVATION

The step lights shall be activated when the park brake is set.

HANDRAILS

Two (2) full height vertical handrails shall be mounted, one (1) on each side of the rear center compartment area of the rear of the apparatus. The vertical rear of body handrails shall be mounted with offset stanchions.

One (1) 50" horizontal hand rail shall be installed above the intermediate step.

Two (2) 20" vertical handrails shall be installed on the pump house, (1) each side.

REAR TOW EYES

There shall be two (2) rear tow eyes installed on the rear sub frame support structure, one each side. The location of the tow eyes shall be below the rear center compartment. The tow eyes shall be manufactured of 1.00 inch plate steel that is bolted to the chassis frame rail with a minimum of 6 grade 8 bolts.

PAINT SPECIFICATIONS

All bright metal fittings, if unavailable in stainless steel, shall be heavily chrome plated.

Critical body and sub-frame area which cannot be primed after assembly shall be pre-painted.

All welded metal surfaces shall be ground to a smooth surface prior to a degreasing and high pressure, high temperature phosphatizing process. The entire surface shall be sprayed with a non-chromate sealing compound to prevent formulation of stains or flash rust on previously phosphatized parts.



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The paint applied to the apparatus shall be PPG Industries Delta® brand, applied throughout a multi-step process including at least two coats of each color and clear coat finish.

The coating shall be an infra-red, baked air dried. The coatings shall provide full gloss finished suitable for application by high-pressure airless or conventional low pressure air atomizing spray.

The coatings shall not contain lead, cadmium or arsenic. The polyisocyanate component shall consist of only aliphatic isocyanates, with no portion being aromatic isocyanates in character. The solvents used in all components and products shall not contain ethylene glycol mono-ethyl ethers or their acetates (commercially recognized as cello solves), nor shall they contain any chlorinated hydrocarbons. The products shall have no adverse effects on the health or nor present any unusual hazard to personnel when used according to manufacturer's recommendations for handling and proper protective safety equipment, and for its intended use.

The coating system, as supplied and recommended for application, shall meet all applicable federal, state and local laws and regulations now in force or at any time during the courses of the bid.

The manufacturer shall supply (upon request) for each product and component of the system, a properly complete OSHA "Material Data Safety Sheet".

The following documents of the issue in effect on the date of the invitation to quote form a part of this document to the extent specified herein:

Federal Standards: Number 141A and 141B paint, varnish, lacquer and related material: methods of inspection, sampling, and testing.

Military Standard: MIL-C 83486B Coating, Urethane, Aliphatic Isocyanates, for Aerospace applications. Industry Methods and Standards: ASTM Method of Analysis (American Society for testing and Materials), BMS 10-72A (Boeing Material Specifications).

The coating will meet the following test performance properties as a minimum standard. (See PDF).

The entire exterior body structure (excluding roll-up doors) shall receive the primer coats and the finish coats. The apparatus body, will be painted in a down draft type paint booth to reduce dust, dirt or impurities in the finish paint. The painted surfaces shall have a finish with no runs, sags, craters, pinholes or other defects.

The apparatus shall be painted the lower cab color.

SPEEDLINER COMPARTMENT FINISH

The compartment interiors shall be coated with bed liner type spray.

COMPARTMENT FINISH COLOR

The Color shall be Medium Gray.

LOW-VOLTAGE ELECTRICAL SYSTEM

The apparatus shall be equipped with a Weldon Logic Controlled, Low-Voltage (12v) Electrical System compliant with the latest revision of the NFPA 1901 guideline.



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The system shall be capable of performing total load management, load management sequencing, and load shedding via continuous monitoring of the low-voltage electrical system. In addition, the system shall be capable of switching loads (like operating as an emergency warning lamp flasher) eliminating the dependency on many archaic electrical components such as conventional flasher modules. The system shall also incorporate provisions for future expansion or modification.

The low-voltage electrical system shall be designed to distribute the placement of electrical system hardware throughout the apparatus thereby enabling a smaller, optimized wire harness. The programmable, logic controlled system shall eliminate redundant electrical hardware such as harnesses, circuit boards, relays, circuit breakers, and separate electrical or interlock subsystems and associated electronics for controlling various electrical loads and inputs.

As-built electrical system drawings and a vehicle-specific reference of I/O shall be furnished in the delivery manuals. These drawings shall show the electrical system broken down into separate functions, or small groups of related functions. Drawings shall depict circuit numbers, electrical components and connectors from beginning to end. A single drawing for all electrical circuits installed by the apparatus builder shall not be accepted.

LED PERIMETER LIGHTS

There shall be six (6) LED underbody perimeter lights installed on the apparatus. One (1) under each side at the front of the body, one (1) under each side at the rear of body, and one (1) each side under the rear tailboard. The lights shall be positioned to provide illumination to the immediate ground area around the apparatus body.

The lights shall be of the same manufacturer, model, and type as the ground perimeter lights installed on the cab/chassis.

PERIMETER LIGHTS ACTIVATION

The underbody perimeter lights shall be activated with activation of the chassis ground lights.

LED DOT LIGHTING

There shall be seven (7) lights located on the rear of the vehicle. Three (3) of the lights shall be mounted on the upper rear face of the body just below the hosebed area in a cluster for use as identification lamps. Two (2) lights shall be located outboard on the upper rear, one each side for use as clearance lamps and two (2) lights in the rearmost position of the side rubrail on the tailboard facing the side, for use as rear side marker lamps.

The lights shall be Weldon brand 9186-1500 series LED red markers

DOT ADDITIONAL MARKER LIGHTS

There shall be two (2) amber LED intermediate turn signals/intermediate marker lights installed in the rub rail, forward of the rear wheel well, one (1) each side.

The lights shall be Weldon brand 9186-1500 series LED amber markers/turn.

INTERMEDIATE TURN SIGNALS

The intermediate amber side marker lights installed in the rub rail, forward of the rear wheel



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well, shall flash when their respective side turn signal is activated. The lights shall return to steady burn when turn signal is deactivated.

UPPER LIGHTING PACKAGE

The following NFPA lighting package, manufactured by Whelen, shall be supplied and installed in the upper areas of the vehicle.

UPPER REAR WARNING LIGHTS/ZONE C

There shall be two (2) Whelen L31 beacons, one each side, with 360 degree super LED lights installed at the rear upper outboard corners on top of a box fabricated of Treadbrite at the rear of the apparatus. The beacons shall have red LED's and clear lenses.

There shall be two (2) Whelen M6 AC warning lights with Amber LEDs and clear lenses installed, one each side, centered on the back of the fabricated Treadbrite box. The flash pattern shall be programmed "TripleFlash 75 in/out".

UPPER ZONE C WARNING ACTIVATION

The upper zone C beacon and warning light shall activate with the master warning switch.

LOWER LED WARNING LIGHTING

The following NFPA lighting package, manufactured by Whelen, shall be supplied and installed in the lower areas of the vehicle.

LOWER ZONE B&D:

There shall be four (4) Whelen model M6 series LED lights with chrome bezels, two (2) each side, provided and installed with the apparatus.

SIDE WARNING LIGHTS FLASH

The flash pattern to be "TripleFlash 75 in/out".

SIDE WARNING LIGHTS COLOR

The lower side warning lights mounted on the side positions shall be red with clear lenses.

SIDE WARNING LIGHTS LOCATION

The warning lights on the side of the apparatus shall be mounted at the rear wheel panel location, forward of the rear axle, and at the rear tailboard location.

AUXILIARY WARNING LIGHTS UPPER ZONE B&D

There shall be four (4) auxiliary Whelen model WIONSMCR LED red lights with clear lenses installed two (2) each side.

One (1) shall be installed in front and one (1) behind the rear axle on the upper body sides.



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These four (4) lights shall be installed in the upper section of the side compartment header (catwalk flange) centered above the forward and rearmost compartments.

The flash pattern shall be programmed to an NFPA compliant flash pattern.

SIDE WARNING LIGHTS FLASH

The lower front lights shall feature multiple flash patterns including steady burn for solid colors and multiple flash patterns for split colors.

SIDE WARNING LIGHTS COLOR

The lower side warning lights mounted on the side positions shall be red with clear lenses.

LOWER ZONES B&D CAST ALUMINUM LIGHT HOUSING WITH PAINTED INSERT

A cast aluminum light housing with painted outward facing inserts, shall be installed for the rearmost warning light in zones B&D. The housing will ensure the light is mounted as far rearward as possible.

The inserts shall be painted to color match the body.

LOWER SIDE WARNING LIGHT ACTIVATION

The lower side warning lights shall activate through the master warning switch.

LOWER ZONE C:

There shall be two (2) Whelen model M9 series Super-LED lights with chrome bezels, one (1) each side, on provided and installed on the rear of the body.

REAR WARNING LIGHTS FLASH

The flash pattern to be "TripleFlash 75 in/out".

REAR WARNING LIGHTS COLOR

The lower rear warning lights mounted at the rear shall be red with clear lenses.

REAR WARNING LIGHT ACTIVATION

The rear lower warning lights shall be activated by the master warning switch, and individually switched by a virtual switch on the vista screen in the cab by a "lower rear warning lights" switch.

LED REAR TAIL LIGHT ASSEMBLY

There shall be Whelen M9-Series Super LED rear tail light assemblies provided and installed with the apparatus, one (1) each side at the rear.

The following shall be installed in the order as specified from top to bottom:

1- Warning light called out above



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- 1 - Whelen #M9BTT LED series red brake light
- 1 - Whelen #M9T LED series amber turn signal light
- 1 - Whelen #M9 BUW LED clear backup light

MOUNTING FLANGES

There shall be individual chrome bezels provided for each light of the tail light assembly.

BACKUP LIGHTS

The backup lights shall illuminate when the apparatus is placed in reverse.

REAR TRAFFIC ADVISOR

Directional arrowstick shall consist of (8) Whelen model WIONSMCA with amber LEDs and clear lenses, and shall be mounted on the rearward face of the A Frame hosebed covers.

The controller shall be located and installed in the Chassis.

REAR VIEW CAMERA SYSTEM

The chassis provided camera shall be surface mounted under the intermediate step, on the center rear of the apparatus body for maximum viewing capability.

SIDE SCENE LIGHTING

Two (2) Whelen Pioneer PFS2 with flood and spotlight, housing shall be powder-coated white.

The scene lights shall be located on the side of the body, one (1) on each side, at the rear corner of the body side walls.

The Light shall be mounted in the side of the treadbrite box which also houses the upper rear warning light on the rear face of the box.

The treadplate box shall be as short as possible from the catwalk to the top of the scene light and shall be as wide as the catwalk.

SCENE LIGHT ACTIVATION

The side scene lights shall be individually activated at 3 locations; at the Vista, rocker switch in the officer switch panel and the rocker switch at the pump panel within an Innovative Controls 6-switch chrome bezel.

REAR SCENE LIGHTING

There shall be two (2) scene lights installed at the rear body panels, one (1) on each side.

The scene lights shall be Whelen model #M9LZC 12 volt scene lights with chrome bezels. The lights shall offer LED directional lighting from 2 to 40-degrees with internal and external optics.

SCENE LIGHT ACTIVATION

The rear scene lights shall be activated at (3) locations: from Vista screen, officer rocker switch,



Ypsilanti Township Fire Apparatus Proposal

pump panel rocker switch within an Innovative Controls 6-switch chrome bezel, and shall be activated when the transmission is shifted into reverse.

The switch shall be labeled as follows:

Rear Scene

REFLECTIVE STRIPING

The reflective stripe applied to the outside perimeter of the chassis and apparatus as directed by the Fire Department shall be applied by the Dealership prior to the truck being placed into service.

REAR RETRO-REFLECTIVE CHEVRON STRIPING

The rear of body (excluding rear door) shall be equipped with Diamond Grade, retro-reflective striping in a chevron pattern, sloping downward and away from the centerline of the vehicle at an angle of 45-degrees.

The stripe shall be 6.00 inch (152.40 mm) wide alternating in colors in compliance with the current edition of NFPA 1901, current edition.

RETRO-REFLECTIVE CHEVRON STRIPING

Diamond Grade retro-reflective chevron striping shall be applied to the front bumper.

CHEVRON COLORS

The retro-reflective chevron striping shall be red and fluorescent yellow-green in color.

BODY LETTERING

The lettering shall be provided and installed on each side of the apparatus body as directed by the Fire Department by the Dealership.

LICENSE PLATE BRACKET

A Cast Products, model LP0005-1-C, cast aluminum open bottom license plate bracket shall be installed on the apparatus.

The bracket shall incorporate a clear LED (WL0501) light to illuminate the license plate to meet DOT requirements.

NFPA LOOSE EQUIPMENT

The Fire Department shall be responsible to provide all NFPA loose equipment that is not listed in the specifications.



Ypsilanti Township Fire Apparatus Proposal

DEALER PROVIDED EQUIPMENT & INSTALLED ITEMS

Four (4) 120volt duplex receptacles 15amp

Console for cab dog house (your choice)

Pac Trac Tool Boards six (6) compartments

Twenty (20) Pac Trac Mounts (your choice)

*Two (2) TFT PIV 6" x 4" with caps
Add foam to front bumper discharge*

Two (2) EMS compartments in cab

Move deck gun monitors from E3 & 4 to new units

Add foam to front bumper discharge

Pump house heater & heat pan

One (1) MSA Thermal Imaging Camera.
6000 Plus with Truck Charger Kit. Includes 2 rechargeable batteries, vehicle charger, retractable lanyard and carabiner case.

Lettering/Striping/Rosie

Two (2) Streamlight Survivor LED, right angle flashlight, model #90509, (orange) with fast charger, holder and 12volt DC cord

TFT Monitor package:

One (1) XFT-NJ Crossfire portable monitor top.

One (1) MST-4NJ 2-1/2" Quad stack master deluge tips.

One (1) XF-SS5 5" Stream shaper.

One (1) Task Force Tip DQS40P Quadrafog 5-40gpm booster pistol grip nozzle with 1" swivel inlet.

One (1) RAM EX 400 / EB80600 16" electric variable speed PPV fans.
15amp or 20amp

Three (3) Streamlight 45670 portable extending scene light, 120volt rechargeable.

There shall be two (2) 100' sections of Mercedes light weight booster hose, with field replaceable couplings provided, color yellow.

A Fire Com wireless headset package shall be provided for five (5) people.

Department to provide the VIU, computer mount, radios, antennas, knox box to be installed.

Mounting of equipment

Final inspection trip for two (2) people

Supervisor
BRENDA L. STUMBO
Clerk
KAREN LOVEJOY ROE
Treasurer
LARRY J. DOE
Trustees
STAN ELDRIDGE
HEATHER JARRELL ROE
MONICA ROSS WILLIAMS
JIMMIE WILSON JR.



**Human Resource
Department**

7200 S. Huron River Drive
Ypsilanti, MI 48197
Phone: (734) 484-0065
Fax: (734) 484-5160
ytown.org

MEMORANDUM

TO: Charter Township of Ypsilanti Board of Trustees

FROM: Karen Wallin, HR Department

DATE: July 2, 2019

RE: **Approval of non-union job description “Operations Manager” and Michael Saranen’s position title be changed from Hydro Operator to Operations Manager.**

As part of the 2019 HR budget, funds were approved to cover the duties of a “Safety Coordinator”. These duties were assigned to Hydro Operator, Michael Saranen and he has been acting as the Township’s Safety Coordinator. In recent months, in addition to his Hydro responsibilities, Michael has been coordinating OSHA training and working with HR to prepare a complete “Safety Program” for the Township.

As the Township has not had a dedicated “Safety Coordinator” in the past, a job description had not been developed. The attached proposed job description has been drafted encompassing both Michael’s Hydro responsibilities and duties as the Safety Coordinator. It is being recommended that the attached job description be approved and that Michael’s title be changed from Hydro Operator to Operations Manager.

Your consideration in this matter is appreciated. Should you have any questions, please feel free to me.

Charter Township of Ypsilanti

OPERATIONS MANAGER

Non-Union Position

Summary

The Operations Manager is responsible for the Powerhouse/Hydro Dam and Safety Compliance for the Township.

Hydro: Monitor and control activities associated with the Powerhouse/Hydro Dam. Operate plant equipment, such as turbines, pumps, valves, gates, fans, electric control boards, and battery banks. Monitor equipment operation and performance and make necessary adjustments to ensure optimal performance. Perform equipment maintenance and repair as necessary. Follow the Owner's Dam Safety Program to ensure compliance and regulatory guidelines are being met. File various Reports with resource agencies and update plans as required.

Safety Compliance: Responsible for planning, implementing and overseeing company's employee safety at work to ensure that the Township is in compliance and adheres to Occupational Safety and Health Administration (OSHA) guidelines. Identify unsafe conditions and practices and development solutions. Coordinate and maintain safety training programs as needed.

Supervision Received

Executive duties performed with considerable independence in conjunction with the Township Supervisor to meet established objectives and priorities.

Supervision Exercised

Supervisory authority over the Hydro operation employees. Has authority to assure that all employees of the Township are acting in adherence with safety rules and regulations.

Responsibilities and Duties

An employee in this position may do any or all of the following essential duties. (These examples do not include all of the duties the employee maybe expected to perform.)

1. Services, maintains and troubleshoots issues with all equipment and machinery (transformers, voltage regulators, generators, relays, circuit boards, turbines) as per manufacturer's specifications or obtains the necessary profession services if necessary.
2. Start, adjust, or stop generating units, operating valves, gates, or auxiliary equipment as conditions warrant.
3. Maintain and update plant operations manuals, maintenance logs, daily activity logs, and outage history reports.
4. Take readings and record data such as water levels, temperatures, or flow rates.

OPERATIONS MANAGER – Page 2

5. Perform preventive or corrective containment or cleanup measures to prevent environmental contamination. Assist with soil erosion projects as needed.
6. Implement Emergency Action Plan and perform required functional exercises.
7. Ensure compliance with Federal FERC guidelines and licensing requirement.
8. Monitor Hydro performance with relation to the DTE power contract.
9. Plan and implement OSHA policies and programs.
10. Analyzes and evaluates safety practices across all Township departments. Initiates, researches and recommends new or improved practices while assuring all safety standards are met in accordance with applicable state, federal and local laws.
11. Coordinate and schedule safety training for all employees.
12. Work with Human Resources to set up a new employee on-boarding process to include safety-related topics.
13. Prepare and present reports on accidents and violations determining causes and recommend corrective actions.
14. Assist with contracted services related to Mechanical and HVAC units and respond to alarms as needed.

Essential Functions, Qualifications, and KSA's for Employment

The requirements listed below are representative of the knowledge, skills, abilities and minimum qualifications necessary to perform the essential functions of the position. These requirements may be accommodated for otherwise qualified individuals requiring and requesting such accommodations.

- Familiarity with Federal FERC guidelines and Licensing Requirements.
- Experience with electrical and mechanical systems to troubleshoot equipment problems and knowing the right tools to take correct action.
- Experience with hydraulics, power plant operations and the maintenance of dams and control structures.
- Must be able to work independently and handle emergency situations as they arise.
- Ability to read and comprehend prints and troubleshoot relays and circuit boards.
- Interpersonal skills to lead a workforce and effectively work with the Township Board, public, contractors and fellow employees.
- Ability to Multi-task.
- Ability to comprehend complex issues, to identify alternative solutions, and to prepare appropriate recommendations.
- Ability to compile and analyze statistical and technical data.
- Excellent communication skills required to present facts and recommendations effectively both in written and oral form.

OPERATIONS MANAGER – Page 3

- Graduation from high-school required with additional vocational training needed.
- Certificate in occupational health and safety, or ability to obtain certificate within 1 year of being awarded the position.
- Must hold and maintain a valid Michigan driver's license with a good driving record.

Physical Demands and Work Environment

The physical demands and work environment characteristics described here are representative of those an employee encounters while performing the essential functions of the job. These requirements may be accommodated for otherwise qualified individuals requiring and requesting such accommodations.

- Be able to work in all atmospheric conditions
- Be able to climb stairs
- Be able to stand for long periods of time
- Climb ladders and work in elevated spaces
- Able to work in confined spaces
- Able to use hand and power tools
- Work on uneven terrain
- Able to lift 40 lbs. while climbing
- Be able to work in extreme heat and cold
- Be able to work in storms.

Created 6-2019

Current Wage: \$68,350

CHARTER TOWNSHIP OF YPSILANTI

OFFICE OF COMMUNITY STANDARDS

Building Safety • Planning & Zoning • Ordinance Enforcement • Police Services

To: Karen Lovejoy Roe, Clerk
From: Michael Radzik, OCS Director
Re: **Request to authorize and sign an agreement with the Washtenaw County Road Commission for the installation of traffic calming devices on Kewanee Street in the estimated amount of \$16,962 budgeted in General Fund account 101-446.000-818.022 contingent upon approval of Budget Amendment.**
Copy: McLain & Winters, Township Attorney
Date: July 3, 2019

Residents have successfully completed the petition process for the installation of traffic calming devices commonly known as speed humps on Kewanee Street between Washtenaw Avenue and Packard Road. Petition forms were submitted to the road commission and signatures were verified as being consistent with property ownership records maintained by the township assessor's office.

Pursuant to the Washtenaw County Road Commission's Neighborhood Traffic Management Program Policy and Procedure, the township is responsible for the cost of installation. The road commission has submitted a proposed agreement to fund the installation of these devices based upon an engineering estimate as follows:

Kewanee St between Washtenaw Ave and Packard Rd

- 2 speed humps, signage and pavement markings
- \$16, 962
- 78% property owner approval

I have enclosed a copy of the proposed agreement, engineering estimate and design layout for the project. Funding is budgeted in the General Fund Highways & Streets Fund in account 101-446.000-818.022 contingent upon approval of Budget Amendment.

Please contact me with any questions or concerns. Thank you for your continued support of traffic calming efforts in our neighborhoods.

Enclosures: Proposed agreement
Design Layout
Preliminary Engineer's Estimate of Cost

**AGREEMENT BETWEEN
CHARTER TOWNSHIP OF YPSILANTI AND
THE WASHTENAW COUNTY ROAD COMMISSION**

THIS AGREEMENT, made and entered into this _____ day of _____, 2019 between the Board of the Charter Township of Ypsilanti (the "Township") and the Board of Washtenaw County Road Commissioners (the "Road Commission").

WHEREAS, the Charter Township of Ypsilanti desires to install two (2) speed humps on Kewanee Street between Packard Road and Washtenaw Avenue (the "Project"); and

WHEREAS, proper authority is provided to the parties of this Agreement under the provisions of Act 51 of Public Acts of 1951 as amended; and

WHEREAS, the Road Commission will prepare bid documents for the Project, including plan preparation and project bidding; and

WHEREAS, the Township shall promptly reimburse the Road Commission upon receipt of any invoices for all costs and expenses attributed to the Project;

THEREFORE, BE IT AGREED that the Township will pay the Road Commission for all actual costs incurred associated with the construction of the Project estimated to be \$16,961.50.

IT IS FURTHER UNDERSTOOD that the Charter Township of Ypsilanti will be a named insured on the Washtenaw County Road Commission's coverage for liability for the activities described above. The Road Commission will submit a certificate of insurance evidencing such coverage to the Township Clerk prior to implementation of services under the contract. Each party to this contract shall be responsible for the acts and omissions of its employees and agents.

AGREEMENT SUMMARY

Estimated Cost

Installation of two speed humps on Kewanee Street **\$16,961.50.**

FOR YPSILANTI TOWNSHIP:

_____ Witness
Brenda L. Stumbo, Supervisor

_____ Witness
Karen Lovejoy Roe, Clerk

FOR WASHTENAW COUNTY ROAD COMMISSION:

_____ Witness
Douglas E. Fuller, Chair

_____ Witness
Sheryl Soderholm Siddall, Managing Director

PRELIMINARY ENGINEER'S ESTIMATE

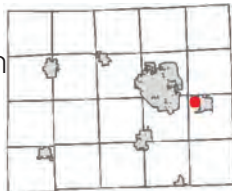
Project: Speed Hump Installation
 Location: Kewanee St, Ypsilanti Twp
 Date: 06/20/2019



ITEM CODE	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	NOTES
	SPEED HUMP INSTALLATION	2	EA	\$4,825.00	\$9,650.00	<i>Contractor Install</i>
	PVMT MKGS INSTALLATION	2	EA	\$750.00	\$1,500.00	<i>Contractor Install</i>
	TRAFFIC SIGNS	6	EA	\$310.00	\$1,860.00	<i>WCRC Install</i>
				SUBTOTAL	\$13,010.00	
				CE/INCID 15%	\$1,951.50	<i>Eng./Inspect. Costs</i>
				CONST EST	\$14,961.50	
	TRAFFIC CONTROL		LS		\$2,000.00	<i>Contractor Cost</i>
				PROJECT TOTAL:	\$16,961.50	



■ Proposed locations for speed humps on Kewanee St



1: 2,493

6/5/2019

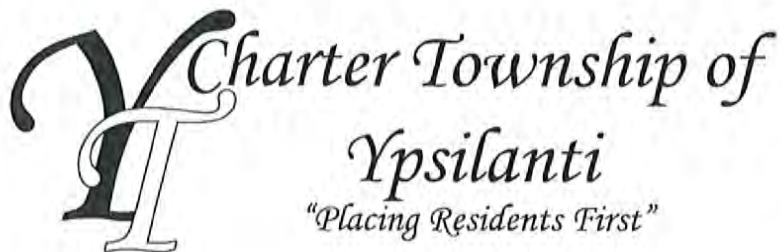
THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.



NOTE: Parcels may not be to scale.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

Supervisor
BRENDA L. STUMBO
Clerk
KAREN LOVEJOY ROE
Treasurer
LARRY J. DOE
Trustees
STAN ELDRIDGE
HEATHER JARRELL ROE
MONICA ROSS-WILLIAMS
JIMMIE WILSON, JR.



Supervisor's Office

7200 S. Huron River Drive
Ypsilanti, MI 48197
Phone: (734) 481-0617
Fax: (734) 484-0002
www.ytown.org

TO: Karen Lovejoy Roe, Clerk

FROM: Brenda L. Stumbo, Supervisor *BLS*

DATE: July 5, 2019

RE: Request to accept proposal of Goren & Associates in the amount of \$14,120 to provide employee training & development, to be charged to line item 101-227-000-960-000 – Education & Training

Request to add Goren & Associates to Annual Contracts & Renewals

Human Resources is planning two employee training courses in the fall, Valuing Diversity and Bullying.

Goren and Associates, located in Farmington Hills, MI is a company that provides employee training and development. They were recommended to us by Washtenaw County.

Attached is their proposal in the amount of \$14,120, which will cover all employees.

We are requesting the Board to accept the proposal, authorize signing and add this company to our Annual Contracts and Renewals list.

Please place this item on the July 16, 2019 agenda for the Board's consideration.

tk

cc: Karen Wallin, Human Resources



And Associates, Inc.

32000 Northwestern Hwy., Suite 128
Farmington Hills, MI 48334
Phone 248.851.0824
Fax 248.851.9751
Email GAA@MSN.com

WORKING PROPOSAL
Between
CHARTER TOWNSHIP OF YPSILANTI (CTY) and Goren and Associates (GAA)

INTRODUCTION

This document is intended to give feedback relative to our phone call on July 2, 2019. It is a working document and subject to change if it does not fit your needs.

STATEMENT OF ISSUE

CTY wants to enhance employees' skills set by offering two half day courses: *Valuing Diversity and Inclusion* and *Deterring Workplace Bullying*

PROPOSED PLAN

GAA will provide two- half days courses in the following format: Both courses will be delivered twice in the AM and PM (different groups), and one-half day.

OUTLINES:

Valuing Diversity and Inclusion

Course Description

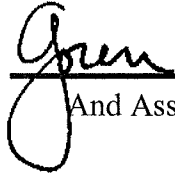
Diversity and inclusion are important pieces of an organization's business strategy. Today's businesses are part of the larger global business community, and workplace diversity can drive both competitive advantage and personal growth. Increasing knowledge of diversity can foster greater cultural awareness as well as tap into the strengths and talents of the entire workforce.

This program focuses on developing the ability to embrace diversity and inclusion, and effectively assess and respond to diversity-driven situations.

Learning Objectives

At the end of this course, participants will be able to:

- ✓ Define diversity
- ✓ Identify the components of a diverse and inclusive workforce
- ✓ Recognize diversity and inclusion challenges
- ✓ Reflect on personal awareness and how to deal with diverse sensitive issues
- ✓ Apply skills to best manage diversity-driven situations



And Associates, Inc.

32000 Northwestern Hwy., Suite 128
Farmington Hills, MI 48334
Phone 248.851.0824
Fax 248.851.9751
Email GAA@MSN.com

Deterring Workplace Bullying

Course Description

This course focuses on how to deal with the bully in the workplace. Interacting with bullies can be a challenge and have a negative effect on morale and productivity. In this course, participants gain an understanding of the psychological dynamics and skills and techniques to best manage the difficult person.

Learning Objectives

At the end of this course, participants will be able to:

- ✓ Recognize the dynamics of a bully
- ✓ Identify four basic needs of people
- ✓ Identify three types of power and how they are misused by the bully
- ✓ Recognize and apply the CAREfront model
- ✓ Avoid being “hooked” by the bully
- ✓ Identify four styles of communication
- ✓ Assess the situation to diffuse aggressive behavior

GROUP SIZE:

12-25 participants

EQUIPMENT NEEDED:

- Power Point projector
- Two Flip Charts

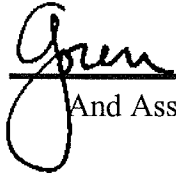
ROOM SET-UP: Classroom style or U-Shape

CANCELLATION POLICY:

Once scheduled, classes will be completed according to agreed dates and times. If changes are required, please give as much lead-time as possible. We will make every possible effort to accommodate your requests. Except for an emergency, classes canceled within two weeks of the scheduled presentation will be billed at the daily rate.

TERMS OF PAYMENT:

All work is billed on a per class basis and includes dates and descriptions of all work done. All invoices are due and owing upon receipt. If your organization requires that a Purchase Order Number accompany the invoice, please submit that in advance in order to avoid unnecessary delays in the process.



And Associates, Inc.

32000 Northwestern Hwy., Suite 128
Farmington Hills, MI 48334
Phone 248.851.0824
Fax 248.851.9751
Email GAA@MSN.com

PRICING:

Delivered four times: Two half days (both on same day -- i.e. AM & PM group): \$2500 per day

Delivered twice: One-half day: \$1400

Two Participants Guides for 110 people: @ \$4.00 per book: \$440 x 2 books: \$880

Total: \$14,120

If this Letter of Agreement meets with your expectation and approval, please sign and email to GAA@MSN.com

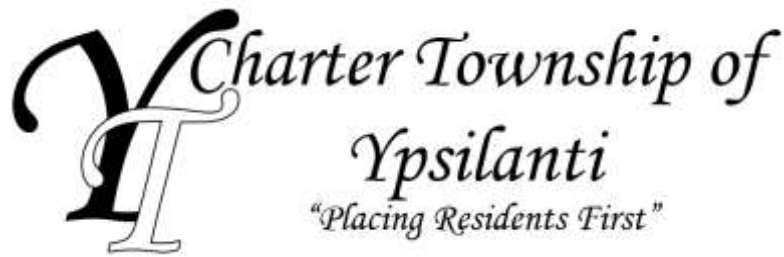
Accepted and agreed to this ____ day of _____, 2019.

Keith Levick, Ph.D.
Goren and Associates

Karen Wallin
Charter Township of Ypsilanti

Supervisor's Office

7200 S. Huron River Drive
Ypsilanti, MI 48197
Phone: (734) 481-0617
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HEATHER JARRELL ROE
MONICA ROSS-WILLIAMS
JIMMIE WILSON, JR.

TO: Karen Lovejoy Roe, Clerk

FROM: Brenda L. Stumbo, Supervisor

DATE: July 9, 2019

RE: Request to Approve Agreement with the Washtenaw County Road Commission for Design and Construction of Road Improvements to US-12 to be funded by a grant, subject to review and revisions by the Township Attorney

Thanks to Representative Ronnie Peterson, Ypsilanti Township has been awarded a Michigan Department of Transportation grant in the amount of \$8,000,000 for design and construction of road improvements on US-12 in the area of West Willow, ACM and the Ecorse Road intersection. The grant will be administered by the Washtenaw County Road Commission.

We are requesting the Board to approve and authorize signing of the agreement, subject to review and revisions by the Township attorney.

Please place this item on the July 16, 2019 agenda for the Board's consideration.

tk

Attachment

cc: Township Attorney

YPSILANTI TOWNSHIP ROAD IMPROVEMENT AGREEMENT

This Agreement (“Agreement”), is entered into as of the ___ day of _____, 2019, and memorializes and confirms certain verbal commitments and understandings previously made by the Board of County Road Commissioners of the County of Washtenaw, with offices at 555 Zeeb Road, Ann Arbor, Michigan 48103 (“**WCRC**”) and the Charter Township of Ypsilanti, with offices at 7200 S. Huron River Drive, Ypsilanti, Michigan 48197 (the “**Township**”).

1.0 ACKNOWLEDGMENTS

1.1 The parties desire to cooperate in the planning, funding, design, and construction of improvements to US-12 between I-94 and Wiard Rd and M-17 (Ecorse Rd) between Ford Boulevard and US-12 (the “**Project**”).

1.2 The Township has been awarded a Michigan Department of Transportation (“**MDOT**”) FY2019 Direct Grant in the amount of \$8,000,000 for the design and construction of the Project.

1.3 WCRC in cooperation with the Township shall administer the Project in accordance with MDOT standard guidelines, practices and procedures.

NOW, THEREFORE, in exchange for their mutual promises as set forth herein the parties agree as follows:

2.0 FUNDING AND RESPONSIBILITIES OF THE PARTIES

2.1 Project Costs and Funding

2.1.1 The Township shall be responsible for all Project costs in excess of the MDOT Direct Grant funds.

2.1.2 Design Phase: WCRC has retained OHM Advisors to perform engineering services consisting of planning, traffic analysis, design/preliminary engineering, securing the required permits, and performing the project administration of the Project up to the construction phase.

2.1.3 Bidding Phase: The design phase of the Project will include an engineer’s estimate for the construction costs for the Project (the “**Engineer’s Estimate**”). Based on the Engineer’s Estimate and prior to WCRC advertising the Project for bid, the Township will advise WCRC in writing whether it will move forward with the Project. The Contractor having submitted the lowest qualified bid during the WCRC administered bid letting will be awarded the Project and WCRC shall enter into a contract with said Contractor for the construction of the Project.

2.1.4 Construction Phase: WCRC shall also enter into a contract with a MDOT/WCRC pre-qualified engineering consultant to serve as the Project Engineer and perform all construction engineering services. These services shall include without limitation inspection; office technician; construction surveying; materials testing and inspection; generating contractor pay estimates; and providing other construction contract documentation in accordance with WCRC’s and MDOT’s guidelines,

standard practices and procedures. The Project Engineer shall consult with WCRC and the Township regarding any items which may result in an increase to the estimated construction cost.

2.2 WCRC Responsibilities

2.2.1 WCRC will serve as the MDOT Local Agency for purposes of the Direct Grant and MDOT requirements for the Project.

2.2.2 In cooperation with the Township, WCRC will oversee the Project in accordance with MDOT's requirements. WCRC will enter into the necessary contract(s) with MDOT relating to the Project; coordinate the preparation of construction documents with the Design Engineer and MDOT; advertise and bid the Project; execute the necessary construction contract(s) for the Project; and administer the Project during construction in accordance with WCRC's and MDOT's guidelines, standard practices and procedures.

2.2.3 Project Invoices: WCRC will seek reimbursement for Project costs from MDOT in accordance with MDOT's requirements. Project costs may include without limitation any design, grading permits, construction, construction engineering, and/or project administration expenses, whether incurred or performed by WCRC personnel or independent contractors and consultants. WCRC shall provide documentation of all costs incurred for the Project. Any Project costs exceeding the Direct Grant amount of \$8,000,000 shall be the responsibility of the Township, and WCRC shall invoice the Township for any Project costs more than \$8,000,000.

2.3 Township Responsibilities

2.3.1 The Township or its delegee shall be responsible for the operating and maintenance of street lighting or aesthetics treatments for the Project in accordance with MDOT requirements.

2.3.2 Project Payments to WCRC: The Township shall promptly make payment to WCRC upon receipt of invoices issued by WCRC as described herein.

3.0 **GENERAL PROVISIONS**

3.1 All notices and invoices under this contract are deemed given when mailed by first class mail, postage pre-paid, e-mailed, or personally delivered as follows:

For the Charter Township of Ypsilanti

Charter Township of Ypsilanti
Attn: Brenda Stumbo, Township Supervisor
7200 S Huron River Dr
Ypsilanti, MI 48197
E-mail: bstumbo@ytown.org

For the Board of County Road Commissioners of the County of Washtenaw

Washtenaw County Road Commission
Attn: Sheryl Soderholm Siddall, Managing Director
555 N. Zeeb Road
Ann Arbor, MI 48103
E-mail: siddalls@wcroads.org

3.2 The obligations of the parties under this Agreement shall be null and void if any application for grant and/or funding referred to herein is not approved, unless otherwise agreed in writing by the parties. This Agreement shall be null and void in the event that WCRC does not enter into necessary contract(s) between WCRC and MDOT.

3.3 This Agreement constitutes the entire Agreement between the parties and all previous communications between the parties, whether written or oral, with reference to the subject matter of this Agreement are hereby superseded.

3.4 If it is determined by a court of competent jurisdiction that any provision of this Agreement is contrary to law the remaining provisions of this Agreement shall continue in full force and effect.

3.5 This Agreement shall be interpreted and construed in all respects in accordance with the laws of the State of Michigan.

3.6 This Agreement has been jointly drafted by the parties and, therefore, shall be construed and interpreted accordingly.

3.7 Failure or delay in performance of this Agreement by any party shall not be deemed to be a breach thereof when such failure or delay is occasioned by or due to any act of God, labor strike, lock-out, war, riot, epidemic, explosion, terrorism, breakage or accident to machinery or equipment, the binding order of any court or governmental authority or any other cause, whether of the kind enumerated here or otherwise, not within the control of the party claimed to be responsible for such failure or delay or other similar alleged breach of this Agreement.

3.8 Without the prior written consent of the governing body of either party, neither this Agreement, any interest created by this Agreement, nor any claim arising under this Agreement shall be transferred or assigned by either party.

3.9 The parties agree and it is specifically understood that the parties' performance under this Agreement does not and shall not confer upon WCRC and/or Charter Township of Ypsilanti any right, title or interest in the Project. The Parties further agree that parties' performance under this Agreement does not and shall not confer upon MDOT and/or the Charter Township of Ypsilanti any right, title or interest in any improvements to roadways under the jurisdiction of WCRC.

3.10 This Agreement does not create nor vest any rights or privileges in any third party not a party to this Agreement. Notwithstanding any other provision of this Agreement, this Agreement and

actions taken by the parties under this Agreement shall not be construed by any third party or any court of law as vesting any rights or privileges in any third party under any circumstances.

3.11 Nothing herein shall be construed to constitute any party to this Agreement, or their member communities, contractors, agents or assigns, as a joint venture, agent, or general partner of the other, nor do the parties intend to create or engage in a joint venture or joint venture partnership by entering into and satisfying the terms and conditions of this Agreement.

3.12 This Agreement may be modified or amended only by written agreement, duly authorized and executed, of the parties hereto.

3.13 This Agreement shall be effective and binding on the date on which the last of the parties signs this Agreement. This Agreement may be executed in counterpart originals, one of which shall be retained by each party and each of which may serve as the original of this Agreement.

IN WITNESS WHEREOF, the parties have set their hands to this Agreement the day and year here written.

CHARTER TOWNSHIP OF YPSILANTI

Dated: _____, 2019

By:
Its:

Dated: _____, 2019

By:
Its:

BOARD OF COUNTY ROAD COMMISSIONERS OF THE COUNTY OF WASHTENAW

Dated: _____, 2019

By: Sheryl Soderholm Siddall
Its: Managing Director

Dated: _____, 2019

By: Douglas E. Fuller
Its: Board Chair

Supervisor
BRENDA L. STUMBO
Clerk
KAREN LOVEJOY ROE
Treasurer
LARRY J. DOE
Trustees
STAN ELDRIDGE
HEATHER JARRELL ROE
MONICA ROSS WILLIAMS
JIMMIE WILSON, JR.



Charter Township of Ypsilanti

Clerk's Office

7200 S. Huron River
Drive
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MEMORANDUM

To: Ypsilanti Township Board of Trustees

FROM: Brenda Stumbo, Supervisor
Karen Lovejoy Roe, Clerk
Larry Doe, Treasurer

RE: Authorization for the township legal counsel, engineers and departments to assist in gathering the information on the Seaver property that was purchased in 2003 by the Township for a potential site for a YMCA state of the art programing and recreational facility.

DATE: July 8, 2019

Part of the due diligence and request by the YMCA is to have all the property information including but not limited to environmental studies, wetlands, flood plain, soil conditions and location of existing infrastructure for the potential of a future recreation facility on the east side of our county on Huron Street, which is owned by Ypsilanti Township.

Washtenaw County Parks and Recreation and Washtenaw County have committed to a cash contribution of \$30,000 and in kind services of \$45,000 to assist in the funding of a feasibility study locating a state of the art recreation facility and outdoor recreation programing on the site for youth and seniors in the Ypsilanti area. The site consists of approximately 28 acres located east of Bosal and north of the post office. See attached aerial map that will assist in showing the property location.

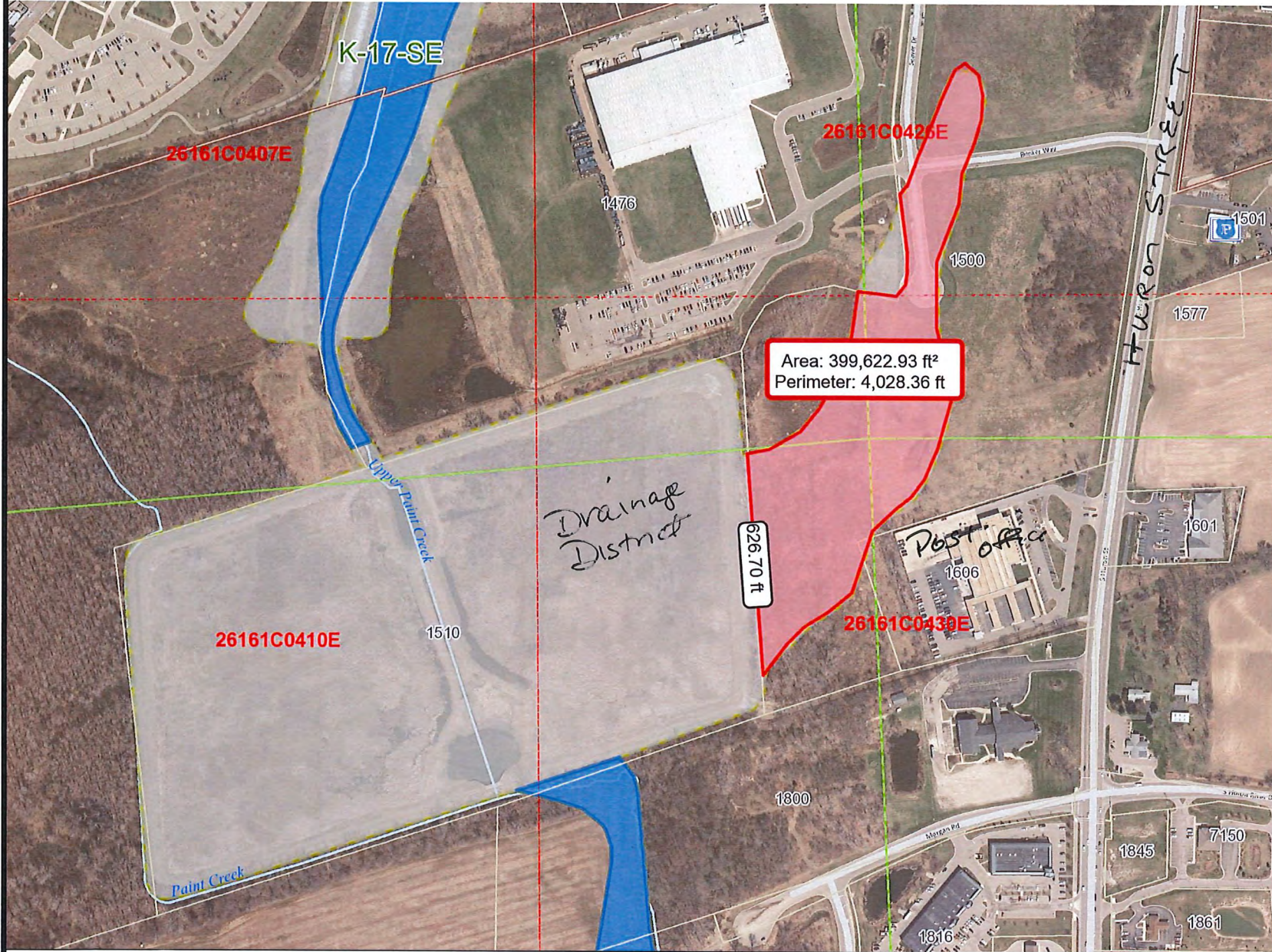
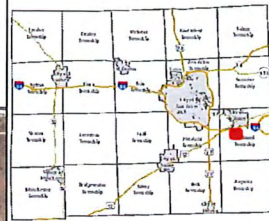
The three full time officials are in support of locating a potential facility in our community with our contribution being the land and operation of the facility being the responsibility of YMCA. Our parks and recreation master plan and master plan for planning after receiving input from residents state that we are in need of a recreation center, with having a healthy community being a top priority.

Our release of information and support for using public land for this purpose is the beginning steps that need to be taken to work toward our goal for a state of the art recreation facility. After meeting with YMCA Director on Friday July 5th with Trustee Monica Ross Williams, who is a member of the YMCA board, it was requested that the township provide the information on the property that is being considered in the feasibility study for a future site of a YMCA recreation and programming facility.

Please see attached Resolution No. 2003-13 approving the letter of intent to purchase the aforementioned property. As you can see in the second paragraph of the resolution the acquisition was not only for future governmental and recreational services needed by the township residents but would also exercise control over the future development, while also preserving open space and woodlands so as to enhance the quality of life for all the Township residents.

Hopefully the board will agree and see the potential use of this property as a recreational facility is in alignment with the 2003-13 Resolution and vision for purchase of the 163 plus acres and would be a great asset and blessing for our residents and others who will have access to this recreational facility.

The Director of the YMCA in Ann Arbor would like to do a presentation in August for the board during a work session on her vision of the facility, what the feasibility study would entail and answer questions you may have. She briefly mentioned there would be approximately 50 full time staff and hundreds of part time and seasonal staff needed to operate a large recreation and programming facility which would include two pools. One would be a zero depth indoor pool and a lap pool. A day care, preschool and after school programs would also be provided. If you would like a tour of the Ann Arbor YMCA please let Monica or I know and we can help arrange a visit.

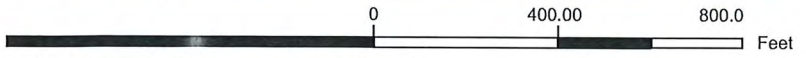


- Legend**
- Lot and Units
 - Quarter Sections
 - Sections
 - University and College
 - K12 Schools
 - Police Stations
 - Fire Stations
 - County Buildings
 - Local Unit Offices
 - DFIRM Panels
 - Floodway
 - Floodplain
 - Zone AE
 - Zone A
 - Zone X (0.2% Hazard)
 - Railroad
 - O2015_boundary

THIS MAP REPRESENTS PARCELS AT THE TIME OF PRINTING. THE OFFICIAL PARCEL TAX MAPS ARE MAINTAINED SOLELY BY THE WASHTENAW COUNTY EQUALIZATION DEPARTMENT AND CAN BE OBTAINED BY CONTACTING THAT OFFICE AT 734-222-6662.

The information contained in this cadastral map is used to locate, identify and inventory parcels of land in Washtenaw County for appraisal and taxing purposes only and is not to be construed as a "survey description". The information is provided with the understanding that the conclusions drawn from such information are solely the responsibility of the user. Any assumption of legal status of this data is hereby disclaimed.

NOTE: Parcels may not be to scale.
7/5/2019



This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION

Notes

RESOLUTION NO. 2003-13

Resolution approving "Letter of Intent" for purchase of approximately 163.382 acres of vacant land located on the west side of Whittaker Road, south of I-94, Ypsilanti Township.

Whereas, on March 18, 2003, the Ypsilanti Township Board of Trustees authorized the Township attorney to explore the possibility of the Township purchasing the *Seaver Farm Property* located on the west side of Whittaker Road, south of I-94 which comprises approximately 163.382 acres of land; and

Whereas, the acquisition of said property would not only provide a location for future governmental and recreational services needed by the Township's residents, but would also enable the Township Board to exercise much greater control over the future development in this portion of the Township while also preserving open space and woodlands so as to enhance the quality of life for all of the Township's residents; and

Whereas, on Thursday, November 6, 2003, the Ypsilanti Township Board of Trustees authorized a *Letter of Intent* to be presented to the Township Board of Trustees for their consideration at the regular meeting scheduled for Tuesday, November 18, 2003.

Now therefore,

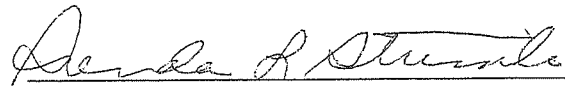
Be it resolved, that the Ypsilanti Township Board of Trustees authorizes the Township attorney to execute on behalf of the Township the *Letter of Intent*, dated November 10, 2003, for the purchase of approximately 163.382 acres of unimproved land located on the west side of Whittaker Road, south of I-94, a copy of said *Letter of Intent* being attached hereto and incorporated by reference.

Be it further resolved that the Township's full time administrative officials, in conjunction with the Township attorney, are hereby authorized to retain the services of professional consultants to assist the Township in the potential acquisition of said property, including, but not limited to, the following:

1. A certified real estate appraiser.
2. Environmental consultant.
3. Wetland consultants.
4. Engineers.

Be it further resolved that the Township's full time administrative officials, in conjunction with the Township attorney, be authorized to negotiate a comprehensive *Purchase Agreement* which will contain all of the standard provisions which are customary to a real estate transaction of this nature, which *Purchase Agreement* will require the review and approval by the Ypsilanti Township Board of Trustees.

I, Brenda L. Stumbo, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan, hereby certify the above resolution is a true and exact copy of Resolution No. 2003-13 approved by the Charter Township of Ypsilanti Board of Trustees assembled at a regular meeting held on November 18, 2003.



Brenda L. Stumbo, Clerk
Charter Township of Ypsilanti

SET PUBLIC HEARING DATE

- A. SET PUBLIC HEARING DATE OF TUESDAY, AUGUST 20, 2019 AT APPROXIMATELY 7:00PM -CREATION OF STREETLIGHT SPECIAL ASSESSMENT DISTRICT FOR MAJESTIC PONDS AND PONDS AT LAKEWOOD

**CHARTER TOWNSHIP OF YPSILANTI
2019 BUDGET AMENDMENT #12**

July 16, 2019

AMOUNTS ROUNDED UP TO THE NEAREST DOLLAR

101 - GENERAL OPERATIONS FUND

Total Increase \$557,154.00

Request to increase budget for PTO payout at 75% of the hours requested. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$947.00
		Net Revenues	<u><u>\$947.00</u></u>
Expenditures:	Salaries Pay Out - PTO & Sick	101-253-000-708.004	\$880.00
	FICA	101-253-000-715.000	\$67.00
		Net Expenditures	<u><u>\$947.00</u></u>

Request to increase the budget for Washtenaw County Road agreement for installation of calming devices on Kewanee Street. This will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$16,962.00
		Net Revenues	<u><u>\$16,962.00</u></u>
Expenditures:	Highway & ST-Road Construction	101-446-000-818.022	\$16,962.00
		Net Expenditures	<u><u>\$16,962.00</u></u>

Request to increase budget for the purchase and installation of streetlights at Majestic Ponds Sub - Textile Road and Huron River. This will be paid for by a contribution from the Developer - Lombardo Homes.

Revenues:	Contributions for Streetlights/Cameras	101-000-000-675.002	\$24,245.00
		Net Revenues	<u><u>\$24,245.00</u></u>
Expenditures:	Streetlight - Construction	101-956-000-926.050	\$24,245.00
		Net Expenditures	<u><u>\$24,245.00</u></u>

Request to increase budget for the purchase of a new fire truck. The purchase of a 2nd fire truck is to take advantage of a savings by purchasing two fire trucks at the same time. While the 1st truck is currently budgeted in the 2019 Fire Fund, the General Fund will purchase the 2nd truck in 2019 with the understanding that the Fire Fund will pay back the General Fund after tax settlement in 2020. The initial purchase will be funded by an Appropriation of Prior Year Fund Balance.

Revenues:	Prior Year Fund Balance	101-000-000-699.000	\$515,000.00
		Net Revenues	<u><u>\$515,000.00</u></u>
Expenditures:	Capital Outlay - Fire Truck	101-970-000-975.206	\$515,000.00
		Net Expenditures	<u><u>\$515,000.00</u></u>

Motion to Amend the 2019 Budget (#12)

Move to increase the General Fund budget by \$557,154 to \$10,703,515 and approve the department line item changes as outlined.

OTHER BUSINESS
