



## AUBURN HILLS MEETING SCHEDULE

248-370-9402 | WWW.AUBURNHILLS.ORG

### AUGUST 2024

DAY	TITLE	TIME	LOCATION
6	Election Day	7:00 AM - 8:00 PM	All Polling Locations
8	<del>Zoning Board of Appeals</del>	<del>7:00 PM</del>	<b>CANCELED</b>
12	City Council Workshop	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road
12	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
12	Library Board	7:00 PM	Auburn Hills Public Library 3400 Seyburn Drive
13	Tax Increment Finance Authority	4:00 PM	Fieldstone Golf Course 1984 Taylor Rd.
14	<del>Planning Commission</del>	<del>6:30 PM</del>	<b>CANCELED</b>
19	Downtown Development Authority	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road
20	Brownfield Redevelopment Authority	6:00 PM	Administrative Conference Room 1827 N. Squirrel Road
26	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
27	Public Safety Advisory Committee	5:00 PM	Public Safety Building 1899 N. Squirrel Road

**NOTE:** Anyone planning to attend the meeting who has need of special assistance under the Americans with Disabilities Act (ADA) is asked to contact the City Clerk's Office at 248.370.9402 48 hours prior to the meeting. Staff will be pleased to make the necessary arrangements. PLEASE BE ADVISED, DUE TO A LACK OF AGENDA ITEMS, SOME MEETINGS MAY BE CANCELED.



## AUBURN HILLS MEETING SCHEDULE

248-370-9402 | WWW.AUBURNHILLS.ORG

### SEPTEMBER 2024

DAY	TITLE	TIME	LOCATION
9	City Council Workshop	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road
9	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
9	Library Board	7:00 PM	Auburn Hills Public Library 3400 Seyburn Drive
10	Tax Increment Finance Authority Informational Meeting	4:00 PM	Administrative Conference Room 1827 N. Squirrel Road
11	Pension Board/Retiree HealthCare	3:00 PM	Administrative Conference Room 1827 N. Squirrel Road
11	Planning Commission	7:00 PM	Council Chamber 1827 N. Squirrel Road
12	Zoning Board of Appeals	7:00 PM	Council Chamber 1827 N. Squirrel Road
16	Downtown Development Authority	5:15 PM	Administrative Conference Room 1827 N. Squirrel Road
17	Brownfield Redevelopment Authority	6:00 PM	Administrative Conference Room 1827 N. Squirrel Road
23	City Council Workshop	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road
23	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road

**NOTE: Anyone planning to attend the meeting who has need of special assistance under the Americans with Disabilities Act (ADA) is asked to contact the City Clerk's Office at 248.370.9402 48 hours prior to the meeting. Staff will be pleased to make the necessary arrangements. PLEASE BE ADVISED, DUE TO A LACK OF AGENDA ITEMS, SOME MEETINGS MAY BE CANCELED.**



**CITY OF AUBURN HILLS**  
**MONDAY, AUGUST 12, 2024**

**Workshop Session ♦ 5:30 PM**

Admin Conference Room, 1827 N. Squirrel Road, Auburn Hills MI

**Regular City Council Meeting ♦ 7:00 PM**

Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

248-370-9402 ♦ [www.auburnhills.org](http://www.auburnhills.org)

Workshop Topic: Capital Improvement Plan

**1. MEETING CALLED TO ORDER**

**2. PLEDGE OF ALLEGIANCE**

**3. ROLL CALL OF COUNCIL**

**4. APPROVAL OF MINUTES**

4a. City Council Regular Meeting Minutes, July 15, 2024.

4b. City Council Special Meeting Minutes, July 19, 2024

**5. APPOINTMENTS AND PRESENTATIONS**

**6. PUBLIC COMMENT**

**7. CONSENT AGENDA**

All items listed are considered to be routine by the City Council and will be enacted by one motion. There will be no separate discussion of these items unless a Council Member so requests, in which event the item will be removed from the Consent Agenda and considered in its normal sequence on the agenda.

7a. Board and Commission Minutes

7a1. Tax Increment Finance Authority, July 9, 2024

7a2. Planning Commission Special Meeting, July 31, 2024

7b. Motion – To designate Stephanie Carroll, Economic Development Manager, as the official representative to cast the vote at the annual Michigan Municipal League meeting.

7c. Motion – To approve the Auburn Hills & Bloomfield Township Water Interconnection Agreement.

7d. Motion – To amend the 2024 budget increasing the 2024 budget transfers from General Fund to both the Major and Local Roads Funds.

7e. Motion – To amend General Fund Departments Interfund Vehicle appropriations and Fleet Fund revenue.

7f. Motion – To amend Wage and Benefit lines within General Fund Departments and other Funds.

7g. Motion – To receive and file the Mariner Consulting 2nd quarter Cash Management Investment Performance Review.

7h. Motion – To adopt the Abandoned Property for Accelerated Forfeiture Act Public Act 132 of 1999.

7i. Motion – To approve the purchase of network switches for the Public Safety Building.

7j. Motion – To approve Traffic Control Order NP-06.

7k. Motion – To approve the purchase a replacement Tandem Axle Dump Truck.

7l. Motion – To approve a Utility Crane Truck Upfit for a 2024 RAM 5500 Chassis.

7m. Motion – To amend the 2024 Major Roads and Fleet Funds.

7n. Motion – To authorize the City Manager to execute the grant agreement between the City of Auburn Hills and SEMCOG to Develop a Comprehensive Stormwater Management Plan.

City Council meeting minutes are on file in the City Clerk's Office. NOTE: Anyone planning to attend the meeting who has need of special assistance under the Americans with Disabilities Act (ADA) is asked to contact the City Clerk's Office at 248.370.9402 or the City Manager's Office at 248.370.9440 48 hours prior to the meeting. Staff will be pleased to make the necessary arrangements.

- 7o. Motion – To approve the OHM Advisors Scope of Design Services and G2 Geotechnical Services for the 2025 TIF-B Road Program.

**8. UNFINISHED BUSINESS**

**9. NEW BUSINESS**

- 9a. Motion – To approve the Special Land Use Permit, Site Plan, and Tree Removal Permit / Oakland Christian School - Parking Lot Expansion.
- 9b. Motion – To adopt a Resolution setting a Public Hearing for vacation of a portion of Shimmons Road Right-of-way for the August 26, 2024, City Council meeting.
- 9c. Motion – To accept the First and Second Quarter 2024 Monitoring Network Review Summaries for the Oakland Heights Development Landfill.
- 9d. Motion – To approve the OHM Advisors Scope of Design Services and G2 Geotechnical Services for the Butler Road Improvements.
- 9e. Motion – To accept the First Reading of an Ordinance to amend Section 70-361. - Parking offenses; fines, of Article VII – Stopping, Standing, and Parking of Chapter 70- Traffic and Vehicles, of the Auburn Hills City Code and Set for Public Hearing and Second Reading / Adoption at the Meeting of August 26, 2024.

**10. COMMENTS AND MOTIONS FROM COUNCIL**

**11. CITY ATTORNEY REPORT**

**12. CITY MANAGER REPORT**

**13. ADJOURNMENT**





# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 4A

CITY COUNCIL



## CITY OF AUBURN HILLS REGULAR CITY COUNCIL MEETING **DRAFT** MINUTES

JULY 15, 2024

**CALL TO ORDER &** Mayor Marzolf at 7:00 PM.

**PLEDGE OF ALLEGIANCE:**

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Hawkins, Knight, Marzolf, and Verbeke  
Absent: Council Member McDaniel

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Roberts, City Clerk Pierce, Chief of Police Gagnon, Deputy Police Chief McGraw, Fire Chief Massingill, Asst Fire Chief Robinson, Community Development Director Cohen, Asst to Dir./Construction Coord. Lang, Manager of Public Utilities Deman, Economic Development Manager Carroll, Human Resource Manager Parpart, Human Resource Generalist Karjo, Assistant to the Manager Hagge, Engineers Juidici & Driesenga

50 Guests

**4. APPROVAL OF MINUTES**

4a. City Council Regular Meeting Minutes, July 1, 2024.

**Moved by Knight, Seconded by Ferguson.**

**RESOLVED:** To approve the City Council Regular Meeting Minutes of July 1, 2024.

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke

No: None

**Resolution No. 24.07.110**

**Motion Carried (6 - 0)**

**5. APPOINTMENTS AND PRESENTATIONS**

5a. Morning Optimist Club Persons of the Year Awards

- Civilian Person of the Year, Bianca Karjo
- Fire/EMS Person of the Year, Edwin Prado-Arteaga
- Police Person of the Year, Paul Wagenmaker

Mayor Marzolf recessed the meeting at 7:10 PM for a reception to Celebrate the Award Recipients.

Mayor Marzolf reconvened the meeting at 7:25 PM.

**6. PUBLIC COMMENT**

Dave Sanders of 224 Juniper addressed City Council.

**7. CONSENT AGENDA**

**7a. Board and Commission Minutes**

7a1. Tax Increment Finance Authority, June 11, 2024

7a2. Election Commission, July 10, 2024

**RESOLVED: To receive and file the Board and Commission Minutes.**

**7b. Motion – To approve the purchase of East Jordan hydrant parts to replenish inventory.**

**RESOLVED: To approve parts purchase from East Jordan in the amount of \$15,581.80 and to increase the hydrant budget line in the water fund by \$5,000.**

**Moved by Verbeke, Seconded by Ferguson.**

**RESOLVED: To approve the Consent Agenda.**

**VOTE: Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke**

**No: None**

**Resolution No. 24.07.111**

**Motion Carried (6 - 0)**

**8. UNFINISHED BUSINESS**

**8a. Motion - To approve Special Land Use Permit, Site Plan, and Tree Removal Permit / The Learning Experience.**

The City Council postponed this item during the June 17, 2024, meeting due to traffic concerns. City Council members reviewed the plan and discussed their traffic concerns with staff and the Police Department. After much discussion it was determined that if there are multiple traffic issues at this location, a traffic control island, known as a pork chop, will be put into the driveway to help with traffic flow. This decision will be made by the Engineers and Police Department if they determine there is a problem. Concern was raised regarding buses entering this area for dropping off children. Mr. Cohen stated that this area is not designed for bus traffic.

Mr. Cavalier, developer for The Learning Experience was in attendance.

**Moved by Hawkins, Seconded by Ferguson.**

**RESOLVED: To accept the Planning Commission's recommendation and approve the Special Land Use Permit, Site Plan, and Tree Removal Permit approval for The Learning Experience subject to the conditions of the City's Administrative Review Team.**

**VOTE: Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke**

**No: None**

**Resolution No. 24.07.112**

**Motion Carried (6 - 0)**

**9. NEW BUSINESS**

**9a. Public Hearing/Motion – To adopt an ordinance to amend Subsection (a) of Section 2-205. – Purchasing Ordinance of the Auburn Hills City Code on Second Reading.**

Ms. Carroll presented the amendment to the Purchasing Ordinance to allow the acceptance of electronic bids in a secure online environment.

Mayor Marzolf opened the Public Hearing at 7:46 PM.

Mayor Marzolf closed the Public Hearing at 7:47 PM.

**Moved by Verbeke, Seconded by Fletcher.**

**RESOLVED:** To adopt an Ordinance to amend Subsection (a) of Section 2-205. – Purchasing Ordinance of the Auburn Hills City Code on Second Reading. The Ordinance shall be known as Ordinance No. 24-940. (Attachment A)

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke

No: None

**Resolution No. 24.07.113**

**Motion Carried (6 - 0)**

**10. COMMENTS AND MOTIONS FROM COUNCIL**

Mr. Knight shared that he was pleased with the turnout at the Concert in the Park. He expressed concern with large trucks using Grey Road.

Ms. Verbeke sought clarification if there is a problem with the traffic at The Learning Experience. Chief Gagnon shared that the police will address the issue if it becomes a problem. She also shared her concerns about Joslyn Road flooding near Brown Road.

Dr. Fletcher stated that the Fanuc North America ribbon cutting was a great event despite the rain.

Mr. Hawkins thanked the recipients of the Morning Optimist Club for a job well done. He shared that he is pleased with the way City Council handled the issue of The Learning Experience.

Mayor Marzolf announced the Special Meeting taking place at DPW at 12:00PM with the Road Commission of Oakland County with regards to Joslyn Road and potentially other county roads. The meeting is open to the public.

**11. CITY ATTORNEY REPORT**

**12. CITY MANAGER REPORT**

**13. ADJOURNMENT**

**Moved by Verbeke, Seconded by Ferguson.**

**RESOLVED:** To adjourn the meeting.

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke

No: None

**Resolution No. 24.07.114**

**Motion Carried (6 - 0)**

The meeting adjourned at 7:59 PM.

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Brain W. Marzolf, Mayor

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Laura M. Pierce, City Clerk

## **ATTACHMENT A**

### **CITY OF AUBURN HILLS ORDINANCE NO. 24-940**

AN ORDINANCE TO AMEND SUBSECTION (a) OF SECTION 2-205 – SUBMISSION, OPENING AND TABULATION OF BIDS; RECOMMENDATIONS OF PURCHASING AGENT AND CITY MANAGER OF DIVISION 2 – PURCHASING, OF ARTICLE VI – FINANCE, OF CHAPTER 2 – ADMINISTRATION, OF THE AUBURN HILLS CITY CODE, AS AMENDED, TO ALLOW BIDS TO ALSO BE SUBMITTED ELECTRONICALLY.

#### **THE CITY OF AUBURN HILLS ORDAINS:**

##### **SECTION 1.**

Subsection (a) of Section 2-205. – Submission, opening and tabulation of bids; recommendations of purchasing agent and city manager of Division 2 – Purchasing, of Article VI – Finance, of Chapter 2 – Administration, of the Auburn Hills City Code, as amended, is hereby amended to read as follows:

- (a) Bids shall be submitted in sealed envelopes identified as bids on the envelope and/or by electronic submission in a secured environment with a secure bid receipt, with the method or methods of submission of the bids being in the sole discretion of the Purchasing Agent and being identified in the notice inviting bids.

##### **SECTION 2. Repealer.**

All ordinances, or parts of ordinances, in conflict with this ordinance are repealed only to the extent necessary to give this ordinance full force and effect.

##### **SECTION 3. Severability.**

If any section, clause or provision of this Ordinance shall be declared to be unconstitutional, void, illegal or ineffective by any Court of competent jurisdiction, such section, clause or provision declared to be unconstitutional, void or illegal shall thereby cease to be a part of this Ordinance, but the remainder of this Ordinance shall stand and be in full force and effect.

##### **SECTION 4. Savings.**

All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law when they were commenced.

##### **SECTION 5. Effective Date.**

The provisions of this Ordinance are hereby ordered to take effect upon publication in the manner prescribed by the Charter of the City of Auburn Hills.

##### **SECTION 6. Adoption.**

This Ordinance is hereby declared to have been adopted by the City Council of the City of Auburn Hills at a meeting thereof duly called and held on the \_\_\_\_ day of \_\_\_\_\_, 2024, and ordered to be given publication in the manner prescribed by the Charter of the City of Auburn Hills.

AYES:  
NAYES:  
ABSTENTIONS:

STATE OF MICHIGAN            )  
  ) ss.  
COUNTY OF OAKLAND        )

I, the undersigned, the duly qualified Clerk of the City of Auburn Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true and complete copy of Ordinance No. 24-940 adopted by the Auburn Hills City Council on the \_\_\_\_ day of \_\_\_\_\_, 2024, the original of which is in my office.

\_\_\_\_\_  
Laura M. Pierce  
City Clerk



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 4B

CITY COUNCIL



## CITY OF AUBURN HILLS SPECIAL CITY COUNCIL MEETING DRAFT MINUTES

JULY 19, 2024

**CALL TO ORDER &** Mayor Marzolf at 12:00 PM.

**PLEDGE OF ALLEGIANCE:**

**LOCATION:** Department of Public Works, Training Room, 1500 Brown Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Knight, Marzolf, and Verbeke

Absent: Council Members Hawkins and McDaniel

Also Present: Assistant City Manager Skopek, City Clerk Pierce, Chief of Police Gagnon, DPW Director Baldante, Asst to Dir./Construction Coord. Lang, Assistant to the City Manager Hagge

6 Guests

- OHM – Tim Juidici, John Katers, Taryn Juidici
- RCOC – Samuel Fitzner, Director of Engineering; Gary Piotrowicz, Deputy Managing Director; Alex Rucinski, Traffic Safety Engineer

#### 4. PUBLIC COMMENT

There was no public comment.

#### 5. NEW BUSINESS

##### 5a. Joslyn Road Discussion with the Road Commission for Oakland County (RCOC)

Ms. Taryn Juidici presented an overview of the Baldwin Rd, Joslyn Rd, & Brown Rd study. She explained that the study, which finalized its data in 2021, looked at 30 intersections and traffic flow in those three corridors and included consideration of future growth and developments. She confirmed that roundabouts were considered. Mr. Tim Juidici showed photos of the alternatives considered. He noted that the preferred option was to eliminate the left turns.

Concern was expressed with the ramp from southbound 75 to southbound Joslyn as cars turn short of Great Lakes Crossing and onto the ramp. Mr. Rucinski explained that delineators could help, however they work great in the summer, but not in the winter because of snow removal. He noted that there are wrong-way driver detection systems. He stated that it comes down to the ability of the driver to determine where they

need to be. There is a need to make that ramp less attractive to the drivers to turn into by adding additional signage and making it more directional.

It was noted that the intersection gets blocked by traffic backing up. Mr. Rucinski explained that SCATS (Sydney Coordinated Adaptive Traffic System) uses detection to let the system know that there are cars waiting and adjusts the timing accordingly. If there is a gap in cars, the signal resets to the original pre-determined timeframe. Mr. Piotrowicz noted that they could have engineers look at the system to see how it is operating.

Concern was expressed with the intersection at Joslyn Rd and Sam's Club. Mr. Piotrowicz stated that the Road Commission has no control over developments. By law the RCOC has to give developments access to the roads. Development decisions are determined by the Planning Commission and the City.

Mr. Piotrowicz recommended that a study of that area be done. He suggested that the study be very contained and very focused on one road using current data to come up with the best solutions and cost estimates. It was noted that MDOT would also have to be involved in the discussion. Mr. Rucinski explained the importance of the traffic impact study.

Mr. Juidici noted that there may be options that could be more easily implemented in the interim. It was suggested that there be signage on the bridge ramp that states what lane needs to be used to go to Great Lakes Crossing.

In response to a comment regarding drainage issues at Joslyn Rd and Brown Rd, Mr. Piotrowicz stated that they will have the engineers look at the road.

## **6. ADJOURNMENT**

**Moved by Verbeke, Seconded by Fletcher.**

**RESOLVED: To adjourn the meeting.**

**VOTE: Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, Verbeke**

**No: None**

**Resolution No. 24.07.115**

**Motion Carried (6 - 0)**

The meeting adjourned at 1:48 PM.



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7A1**

**TAX INCREMENT FINANCE AUTHORITY**

**“Not Yet Approved”  
CITY OF AUBURN HILLS  
TAX INCREMENT FINANCE AUTHORITY MEETING**

**July 9, 2024**

**CALL TO ORDER:** Chairman Kneffel called the meeting to order at 4:00 PM.

**ROLL CALL:** Present: Kneffel, Goodhall, Gudmundsen, Fletcher, Barash, Moniz  
Absent: Waltenspiel, Eldredge  
Also Present: Brandon Skopek, Assistant City Manager & TIFA Executive Director; Steve Baldante, DPW Director; Jason Hefner, Manager of Fleet and Roads; Tim Juidici, OHM Advisors  
Guests: None

**LOCATION:** Administrative Conference Room, 1827 N. Squirrel Road, Auburn Hills, MI 48326

**PERSONS WISHING TO BE HEARD**

None.

**APPROVAL OF MINUTES**

**A. TIFA Regular Meeting Minutes – June 11, 2024**

There was no discussion on the approval of the minutes.

**Moved by Mr. Goodhall to approve the TIFA Regular Meeting Minutes from April 9, 2024, as presented.**

**Seconded by Mr. Moniz**

**Yes: Kneffel, Goodhall, Fletcher, Gudmundsen, Moniz, Barash**  
**No: None**

**Motion Carried**

**CORRESPONDENCE & PRESENTATIONS**

None.

**CONSENT AGENDA**

**A. FY 2024 Adopted Budget and YTD Summary – June 30, 2024**

**RESOLVED:** To receive and file the financial report for the period ending June 30, 2024.

**Moved by Mr. Moniz to Approve the Consent Agenda.**

**Seconded by Dr. Fletcher**



Yes: Kneffel, Goodhall, Fletcher, Gudmundsen, Moniz, Barash  
No: None

**Motion carried**

### **UNFINISHED BUSINESS**

None.

### **NEW BUSINESS**

#### **A. Engineering Scope of Design Services for the 2025 TIF-B Road Program**

Mr. Skopek and Mr. Hefner presented the agenda item regarding the engineering scope of design services for the 2025 TIF-B Road Program. Mr. Skopek provided details regarding the current budget amounts for these projects and noted that originally the TIFA was going to contribute to these projects; however, due to the healthy fund balance in TIF District B, it is appropriate for the TIFA to fully fund these projects. Mr. Hefner provided detailed information to the Board regarding the design process for the reconstruction of Innovation Drive, Centre Road, and Executive Hills Boulevard. He added that staff will be investigating the installation of a pathway along Executive Hills, which has been a long-term goal of the City. Construction costs will be included in the 2025 TIF District B budget, which will be reviewed at the August TIFA Board of Directors meeting.

**Moved by Mr. Barash to approve the design contract for the TIFA B Road Program to OHM Advisors in the not-to-exceed amount of \$325,000, geotechnical services to G2 Consulting at the estimated cost of \$25,000 and authorize a budget amendment to increase appropriations in the 2024 TIF-B budget as shown in the staff recommendation section of the memo.**

**Seconded by Mr. Moniz**

Yes: Kneffel, Goodhall, Fletcher, Gudmundsen, Moniz, Barash  
No: None

**Motion carried**

### **EXECUTIVE DIRECTOR REPORT**

Mr. Skopek sought Board direction on maintenance items related to the Diverging Diamond Interchange at I-75 and University Drive. He noted that the bridge is in need of maintenance work due to peeling paint on the bridge surface. He added that City staff is also investigating the replacement of the current signage on the bridge and installing a new sign reflecting the updated City logo. He noted that costs for maintenance are estimated to be around \$100,000+ and new signage could be upwards of \$200,000. Staff would like to begin maintenance work this year, but timing may require this to be a 2025 project. He sought direction on utilizing TIF District B funds for these expenses.

The consensus of the Board members present was to proceed with the funding for maintenance work and include funds in the 2025 budget, as necessary.

### **BOARD MEMBER COMMENTS**

None.

### **ANNOUNCEMENT OF NEXT MEETING**

The next regularly scheduled TIFA Board of Directors meeting is scheduled for Tuesday, August 13, 2024, at 4:00 p.m. in the Administrative Conference Room in City Hall at 1827 N. Squirrel Road, Auburn Hills, Michigan 48326.

### **ADJOURNMENT**

**Moved by Mr. Goodhall to adjourn the TIFA Board meeting.**

**Seconded by Mr. Barash**

**Yes:** Kneffel, Goodhall, Fletcher, Gudmundsen, Moniz, Barash  
**No:** None

**Motion Carried**

**The TIFA Board of Directors meeting adjourned at 4:30 p.m.**

Steve Goodhall  
Secretary of the Board

Brandon Skopek  
Assistant City Manager & TIFA Executive Director



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7A2  
PLANNING COMMISSION



## CITY OF AUBURN HILLS PLANNING COMMISSION MINUTES NOT YET APPROVED

July 31, 2024

**CALL TO ORDER:** Chairperson Ouellette called the meeting to order at 7:00 p.m.

**ROLL CALL:** Present: **Carolyn Shearer, Ray Saelens, Darlene MacMillan, Jack Ferguson, Cynthia Pavlich, Laura Ochs, Greg Ouellette**  
Absent: Sam Beidoun, Dominick Tringali  
Also Present: Director of Community Development Steve Cohen, Assistant to the Director of Community Development Devin Lang, City Engineer Tim Juidici (OHM), and City Engineer Hannah Driesenga (OHM)  
Guests: 8

**LOCATION:** Council Chambers, 1827 N. Squirrel Road, Auburn Hills, MI 48326

### 3. PERSONS WISHING TO BE HEARD

### 4. APPROVAL OF MINUTES – June 5, 2024

Moved by Saelens to approve the minutes of June 5, 2024.

Second by Ferguson.

**VOTE:** Yes: Shearer, Ferguson, MacMillan, Saelens, Ochs, Pavlich, Ouellette  
No: None

Motion Carried (7-0)

### 5. PETITIONERS

#### 5a. Oakland Christian School – Parking Expansion (7:02 p.m.)

**Public Hearing/Motion – Recommendation to City Council for Special Land Use Permit, Site Plan, and Tree Removal Permit approval to construct a new parking area with a parent drop-off/pick-up loop.**

Mr. Cohen explained that this is a request from Oakland Christian School (OCS) to construct an additional ninety-three (93) parking spaces (net 79 parking spaces) and a parent pick-up/drop-off loop at 3075 Simmons Road. The 2.16-acre impacted area is zoned R-1A, One-Family Residential District. The new parking area at the school's primary entrance will expand the facility's overall parking capacity from 194 to 273 spaces.

The project results from an agreement between the City of Auburn Hills and OCS to swap land to allow for the realignment of the Simmons Road curve, which had been envisioned and discussed between the parties for over a decade. The road redesign will improve sight lines and safety in the area by creating a softer curve, along with an extended sidewalk in the vicinity. The proposed new road alignment required the City to acquire property owned by OCS by deed. In return, the City has committed to vacate and transfer the existing right-of-way where the road currently exists to allow the school's parking lot expansion.

Mr. Cohen explained that OCS removed 85 protected trees on its property without City authorization and has apologized for the mistake. These trees are the same trees that would have been removed after OCS obtained Site Plan/Tree Removal Permit approval. The OCS parking expansion area will be appropriately revegetated as part of

the project in accordance with the City's ordinances.

Mr. Juidici provided information regarding the reconstruction of Dexter and Shimmons Roads and an update on the Shimmons Road reconstruction project. The road reconstruction project is expected to be completed by August 20, 2024, just before school begins.

Mr. Juidici further discussed that current traffic patterns and counts now justify the City's potential facilitation of a new signal at the intersection of N. Squirrel Road and Shimmons Road based on a recent study conducted by their firm. The conditions now meet a warrant, which is a condition that an intersection must meet to justify a signal installation per the Manual on Uniform Traffic Control Devices.

**Susan Brock, Superintendent of Oakland Christian School, 3075 Shimmons Road, Auburn Hills, MI, and Jim Butler, PEA Group, 1849 Pond Run, Auburn Hills, MI,** were available to answer any Commission questions.

The Commission asked about the following:

1. The length of time that Shimmons Road will be closed;
2. How the tree removal incident occurred;
3. The number of trees removed prematurely;
4. The plan for water retention for the parking lot redesign;
5. A contingency plan if the road reconstruction project is incomplete by August 20<sup>th</sup>.

Mr. Juidici explained that the road closures beginning August 1<sup>st</sup> are expected to last approximately 3-4 weeks.

Ms. Brock stated that the school was working with the same contractor the City used for the tree removal. There was a miscommunication between OCS and the contractor that the school's tree removal project would begin after the City's tree removal project was completed. The contractor removed all the trees for the road and school projects at one time in one day. Ms. Brock apologized for the misunderstanding between OCS and the contractor and assured the Commission that replacement trees would be planted as required by the City's landscape ordinance.

Mr. Saelens and Ms. Ochs expressed concern about the premature tree removal incident.

Mr. Cohen advised the Commission that everything would be done appropriately moving forward and in accordance with ordinance requirements, albeit out of order. Mr. Cohen explained that 85 protected trees were removed, and 87 replacement trees will be planted. The trees will be a mix of evergreen and deciduous in compliance with the City's ordinance.

Mr. Cohen explained to the Commission that the City has been working with the school and the previous property owner for approximately ten years to redesign the Shimmons Road curve.

Mr. Juidici explained that they have been working with PEA to finalize the details regarding the water retention. The existing pond is older, and capacity will be addressed during the engineering phase.

Ms. Brock stated that if the reconstruction is not complete by August 20<sup>th</sup>, the school could delay the start of the school year by a week or so. In addition, the school is working with the neighboring Church of Christ on Bald Mountain Road to use their lot temporarily for parking. OCS is also working on a contingency plan for parking during the construction of the new parking lot.

Mr. Ouellette opened the public hearing at 7:17 p.m.

Bill Kokenos, 3321 Grove Lane, Auburn Hills, is president of the Auburn Grove Condominium HOA. He stated that the HOA supports the project but is concerned about the traffic impacts of the current road project on the subdivision, given the road closures. He is concerned that cut-through traffic and large construction vehicles cause dangerous conditions. He also noted that the community fully supports a traffic light at the Shimmons Road and Squirrel Road intersection.

Mr. Juidici stated that numerous "road closed" signs and barricades would be erected when the new curve ties into

the existing Shimmons Road. The City will be working with the contractor to prevent the issues raised by Mr. Kokenos.

Mr. Cohen and Mr. Juidici explained that the City Council would discuss installing a light at the intersection of Shimmons Road and N. Squirrel Road during the upcoming budget cycle. Mr. Juidici reiterated that traffic volume conditions now warrant a traffic light to be utilized based on a recent study conducted by the City. The cost of the traffic light would be approximately \$350,000. Commissioners expressed their support for a traffic light at this intersection. Ms. Pavlich suggested increasing the number of intersection police patrols until the traffic light is installed.

Dale Ermshler, 5350 Great Fosters Drive, Rochester, has children who attend Oakland Christian School. He concurred with the necessity of a traffic light at the intersection, especially given the number of young, inexperienced drivers attempting to exit the parking lot.

Wendy Paton, 3201 Zaher Drive, stated that the removed trees were all hardwood trees. She explained that the trees were removed all in one day. She asked what type of trees would be used as replacements. Mr. Cohen stated that the City requires a diversity of evergreen and deciduous trees. Approximately ten different species of trees will be planted on the property.

Ms. Ochs asked if the City had enough staff to monitor construction projects. Mr. Cohen stated yes and that the tree removal was an unusual incident that happened quickly.

Mr. Saelens suggested trimming the trees at the intersection of Shimmons Road and N. Squirrel Road to improve sight distance.

A resident (unidentified) agreed that trimming the trees at the intersection would help. She suggested planting some red maples as replacement trees. She also suggested adding another lane to the exit so that the vehicles turning right do not have to wait for the left-turning cars to have a gap in traffic. It was determined that red maple trees are included in the project's landscape plan.

There being no further public comments, Mr. Ouellette closed the public hearing at 7:47 p.m.

**Moved by Ochs to recommend to City Council approval of the Special Land Use Permit, Site Plan, and Tree Removal Permit for the Oakland Christian School parking expansion subject to the conditions of the City's Administrative Review Team.**

**Second by Ferguson.**

**VOTE: Yes: Saelens, Ochs, Shearer, MacMillan, Ferguson, Pavlich, Ouellette**

**No: None**

**Motion Carried (7-0)**

**6. UNFINISHED BUSINESS – None.**

**7. NEW BUSINESS**

**7a. Motion – Cancel the August 14, 2024 Auburn Hills Planning Commission Meeting**

**Moved by Saelens to cancel the August 14, 2024 Auburn Hills Regular Planning Commission meeting.**

**Second by Pavlich.**

**VOTE: Yes: Saelens, Ochs, MacMillan, Ferguson, Pavlich, Shearer, Ouellette**

**No: None**

**Motion Carried (7-0)**

**7b. Selection of Planning Commission members to attend the Planning Michigan Conference – September 25-27, 2024 in Grand Rapids**

Mr. Cohen stated that four members of the Planning Commission may attend the conference. Newer members will be given priority. He asked that any members interested in attending notify him within the next week.

**8. COMMUNICATIONS**

The City of Pontiac has provided notice that they are initiating the process of completing a Master Plan update for

its community.

**9. NEXT SCHEDULED MEETING**

The next scheduled meeting is on Wednesday, September 11, 2024 at 7:00 p.m. in the Auburn Hills Council Chambers.

**10. ADJOURNMENT**

There being no further business, Chairperson Ouellette adjourned the meeting at 7:55 p.m.

Submitted by:

Susan McCullough, MiPMC III, CMC

Recording Secretary



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7B

COMMUNITY DEVELOPMENT

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Steve Cohen, Community Development Director; Stephanie Carroll, Economic Development Manager  
**Submitted:** July 15, 2024  
**Subject:** Motion –Move to Designate Stephanie Carroll, Economic Development Manager, as the official representative for the City of Auburn Hills to cast the vote at the annual meeting of the Michigan Municipal League on September 11, 2024

### INTRODUCTION AND HISTORY

The Michigan Municipal League (MML) is the premier statewide association representing more than 500 full-service cities, villages, and townships (CVTs). Its services include professional development, executive recruitment, and risk mitigation. The MML also provides legislative advocacy for CVTs in Lansing and DC.

Regarding Ms. Carroll's involvement, she has a long history with MML. She has served on both the Economic Development Committee and currently serves on the Local Finance Committee. Ms. Carroll has been designated the official voting representative of the city in the past. She will vote on the election of trustees, policy, and membership.

### STAFF RECOMMENDATION

Stephanie Carroll should be designated as the official representative of the City of Auburn Hills at the MML Annual Meeting on September 11, 2024.

### MOTION

**Move to designate Stephanie Carroll, Economic Development Manager, as the official representative for the City of Auburn Hills to cast the vote at the Annual Meeting of the Michigan Municipal League on September 11, 2024.**

I CONCUR:

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THOMAS A. TANGHE, CITY MANAGER



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7C**

**DEPARTMENT OF PUBLIC WORKS**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Jason Deman, Manager of Public Utilities**  
**Submitted: July 31, 2024**  
**Subject: Motion – To Approve the Auburn Hills & Bloomfield Township Water Interconnection Agreement**

### **INTRODUCTION AND HISTORY**

In the Spring of 2023, the City of Auburn Hills was approached by Bloomfield Township who wanted to gauge interest in a possible water connection between the two parties. We had never worked with Bloomfield Township on this type of activity before, as we only have emergency connections with our 3 other North Oakland County Water Authority (NOCWA) partners, Pontiac, Rochester Hills, and Orion Township. The connections with those 3 Cities/Townships make sense, since we already operate our water systems in conjunction with each other to save money for the 4 members of NOCWA.

At first glance it didn't seem to make sense, but after further review of the water systems, pressures, water feed/source location, HGL's, etc., it became clear that this is a viable option to consider. If the City had an outage or issue with the south end water feed (@Adams and South Blvd.), Bloomfield Township could assist. Conversely, if Bloomfield Township had an issue in their northern section of the Township, they could utilize Auburn Hills for assistance. Multiple meetings and shared data were reviewed and vetted by the engineers on both sides, and the conclusion is that the connection is mutually beneficial to Auburn Hills and Bloomfield Hills during a time of emergency or specific need.

When Bloomfield Township initially reached out regarding this, it was mentioned that the City of Auburn Hills already had plans for water main work along the South Boulevard corridor. Although the work wasn't anticipated until 2024, we decided it would be in the best interest of all parties to have it included with that project. The City and The Township decided that the savings from including it within a \$5M project would prove beneficial, as you can see from the estimate included as Attachment 1 in the memo. The estimate of \$82K to complete the connection is very reasonable, as we would expect costs would be nearing double that amount if the work was bid as a standalone project.

To have this type of water connection with another community, there is usually an agreement that goes with it. The proposed agreement is Attachment 2 to this memo. This agreement helps cover and define many parts of the connection, from cost of construction, usage terms, limitations, and other legal aspects. You will notice that under the water connection cost portion, it is stated that cost will be split 50-50, but also that Bloomfield Township agrees to pay an additional 5% of the construction cost to the City to help cover the administration of the project. Administration costs borne by Auburn Hills cover the plan generation, inspection of the work, final paperwork, and generation of the attached agreement. Both sides found this section and the rest of the agreement fair and reasonable.

### **STAFF RECOMMENDATION**

As mentioned above, both the City and the Township have agreed to all aspects of the connection, including cost, operation, limits, location, etc. The cost to the City is estimated at \$44K, which includes contractor costs and



engineering costs. The amount is fairly minimal when it is included and rolled into the South Boulevard water main project, which has already been approved for construction. There is an appropriate budget to cover this work in the GL 592.536.971.002SOUTHBLVDWM. Our legal team and city staff have reviewed the agreement, and feel it is appropriate to move forward on this future partnership with Bloomfield Township.

**MOTION**

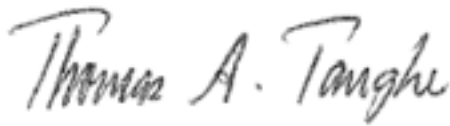
**Move to Authorize the City Manager to execute the Water Interconnection Agreement between Auburn Hills & Bloomfield Township.**

**ATTACHMENTS**

Attachment 1 – Emergency Connection bid price

Attachment 2 – AH-BT Interlocal Emergency Water Connection Agreement

**I CONCUR:**

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style. The first name "Thomas" is written with a large, prominent 'T'. The middle initial "A." is written in a smaller, simpler script. The last name "Tanghe" is written with a large, prominent 'T' and a long, sweeping tail that extends to the right.

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**THOMAS A. TANGHE, CITY MANAGER**

**CATEGORY 2 - Bloomfield Township**

107)	Sidewalk, Rem	39.00 Syd	\$16.00	\$624.00
108)	Aggregate Base, 4 inch, Modified	33.00 Syd	\$20.00	\$660.00
109)	Shld, CI II, 6 inch, Modified	25.00 Syd	\$28.00	\$700.00
110)	Sidewalk, Conc, 4 inch	270.00 Sft	\$26.00	\$7,020.00
111)	Turf Establishment, Performance	90.00 Syd	\$14.00	\$1,260.00
112)	Water Main, HDPE, DR-11, 8 inch, Directional Drill	82.00 Ft	\$457.00	\$37,474.00
113)	Boring Pit	2.00 Ea	\$3,000.00	\$6,000.00
114)	Connection to Existing Water Main	1.00 Ea	\$7,900.00	\$7,900.00
115)	Gate Valve and Well, 8 inch, AH	2.00 Ea	\$10,300.00	\$20,600.00

**SUBTOTAL FOR BLOOMFIELD TOWNSHIP (Items  
107-115):**

**\$82,238.00** <sup>2</sup>

**INTERLOCAL SERVICE AGREEMENT**  
**BETWEEN CITY OF AUBURN HILLS AND CHARTER TOWNSHIP OF BLOOMFIELD**  
**FOR EMERGENCY WATER INTERCONNECTIONS**

This Interlocal Service Agreement is entered into on \_\_\_\_\_, 2024 between the Charter Township of Bloomfield, a Michigan municipal corporation, 4200 Telegraph Rd, Bloomfield Twp., MI 48303 (hereinafter "BLOOMFIELD TOWNSHIP") and the City of Auburn Hills, a Michigan municipal corporation, 1827 N. Squirrel Road, Auburn Hills, MI 48326 (hereinafter "AUBURN HILLS"), together referred to as the "PARTIES" or individually as "PARTY."

**RECITALS**

WHEREAS, the Michigan Constitution of 1963, Article 7, §28, and the Urban Cooperation Act of 1967, being MCL 124.501, et. seq. (the "Act"), permit a political subdivision to exercise jointly with any other political subdivision any power, privilege or authority which such political subdivisions share in common with which each might exercise separately; and

WHEREAS, BLOOMFIELD TOWNSHIP and AUBURN HILLS, as neighboring local governments, desire to enter into this agreement outlining the terms upon which each PARTY will furnish water to the other in times of an emergency resulting in reduced availability of normal water supply; and

WHEREAS, both PARTIES deem it to be in their best interests to make this provision for augmenting water supplies if such an emergency need should arise.

NOW, THEREFORE, in consideration of the promises contained herein and other good and valuable consideration, it is agreed:

1. Both PARTIES agree to split the cost of the construction of this interconnection equally. Also, since Auburn Hills is constructing this interconnection, BLOOMFIELD TOWNSHIP agrees to pay 5% of the total construction cost to AUBURN HILLS to cover administration of the project.
2. For the purposes of this Agreement, "emergency" is defined as a situation or set of facts, not exceeding thirty (30) days in duration that would lead a reasonable person to conclude the condition of a PARTY'S water distribution system presents a serious and imminent threat to public health or safety.
3. In the event of an emergency, the PARTY in need of water shall promptly undertake all necessary and available steps to alleviate the emergency.
4. In the event one PARTY suffers a failure or other emergency within its public water system of one PARTY, and the other PARTY's system has water available that is over and above what it needs to meet the demands of its customers within its own water service area, then the PARTY with the excess water available will provide potable water to the PARTY with the failed system to the maximum extent feasible;

5. provided, however, that the obligation of a PARTY under this Agreement to provide emergency water supply to the other shall not limit or restrict or take priority over that PARTY'S ability, in that PARTY'S sole judgment, to meet the water supply demands of its own customers or to provide for the safety, health and welfare of persons and property within its jurisdiction at any time.

6. Water supplied under this Agreement shall be delivered to, and received from interconnecting facilities, hereinafter referred to as "The Interconnection(s)," as shown in Exhibit 1 of this Agreement.

7. Water provided by BLOOMFIELD TOWNSHIP and AUBURN HILLS under the provisions of this Agreement shall be only that water needed to provide temporary assistance in the event of an emergency need for water beyond that available in the requesting PARTY's own system. The provision of emergency water shall be subject to the following conditions:

a. A PARTY shall immediately notify the other of its need to receive water on an emergency basis. Each PARTY shall designate a member of its staff who shall receive all requests from the other PARTY, and who shall have the authority to approve or disapprove requests.

b. Each PARTY shall have a representative available at the interconnections during the day of the event in order to open and close the operating valve to allow for the flow transfer. Each PARTY shall be allowed to operate the valve if a representative is not available.

8. A situation which lasts longer than thirty (30) days shall no longer be considered an "emergency," and the provision of water subsequently shall require further discussions as to the length of time and amount of water which will be needed, and an agreement as to the scope and timing of remedial measures which will be taken to end the "emergency."

9. Each of the two valves on the common boundaries shall be kept closed and locked, with each Municipality controlling the valve within its boundary, but the water shall be made available for use in case of an emergency or other unusual circumstances, for a short period of time, with the understanding that the interconnection shall not be used on an on-going basis or for an extended period of time. In situations where one Municipality's emergency may cause the other Municipality to seriously compromise their system by opening the valves, the valves will remain closed. Upon confirmation that an emergency situation of one Municipality will not seriously affect the other, the procedures outlined within this agreement will be followed. No meter shall be installed, and if there is water used by one Municipality or the other on an emergency basis or due to unusual circumstances, the Municipality using the other Municipality's water shall estimate the water usage by use of past records for the property(ies) which is (are) served by the water from the other Municipality. Written documentation of the estimate shall be provided to the Municipality providing the water, within thirty (30) days and that Municipality shall have access to the records of the other Municipality to verify the estimate. The rates charged to the Municipality using the water shall be the rates charged to similar customers within the Municipality providing the water, and the charges shall be paid within twenty (20) days of receipt of a bill for the water.

10. This Agreement shall remain in full force and effect until terminated by either PARTY. Either PARTY may terminate this Agreement for any reason or for convenience after providing sixty (60) days advance written notice of its intent to terminate.

11. In the event any condition or provision contained in this Agreement is held to be invalid by any court of competent jurisdiction, such invalidity shall not affect any other condition or provision herein contained, provided that the invalidity of any such condition or provision does not materially prejudice either PARTY in its respective rights and obligations contained in the remaining valid conditions or provisions of this Agreement.

12. No waiver of any breach of this Agreement shall be held to be a waiver of any other or subsequent breach.

IN WITNESS WHEREOF, this Agreement is executed by the Parties on the date hereafter set forth.

CITY OF AUBURN HILLS

CHARTER TOWNSHIP OF BLOOMFIELD

By: \_\_\_\_\_

By: \_\_\_\_\_

Thomas A. Tanghe, City Manager

Dani Walsh, Township Supervisor

STATE OF MICHIGAN  
COUNTY OF OAKLAND

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2024, by Thomas A. Tanghe, City Manager of the City of Auburn Hills, on behalf of the City.

\_\_\_\_\_  
Notary Public  
Oakland County, Michigan  
My commission expires:

STATE OF MICHIGAN  
COUNTY OF OAKLAND

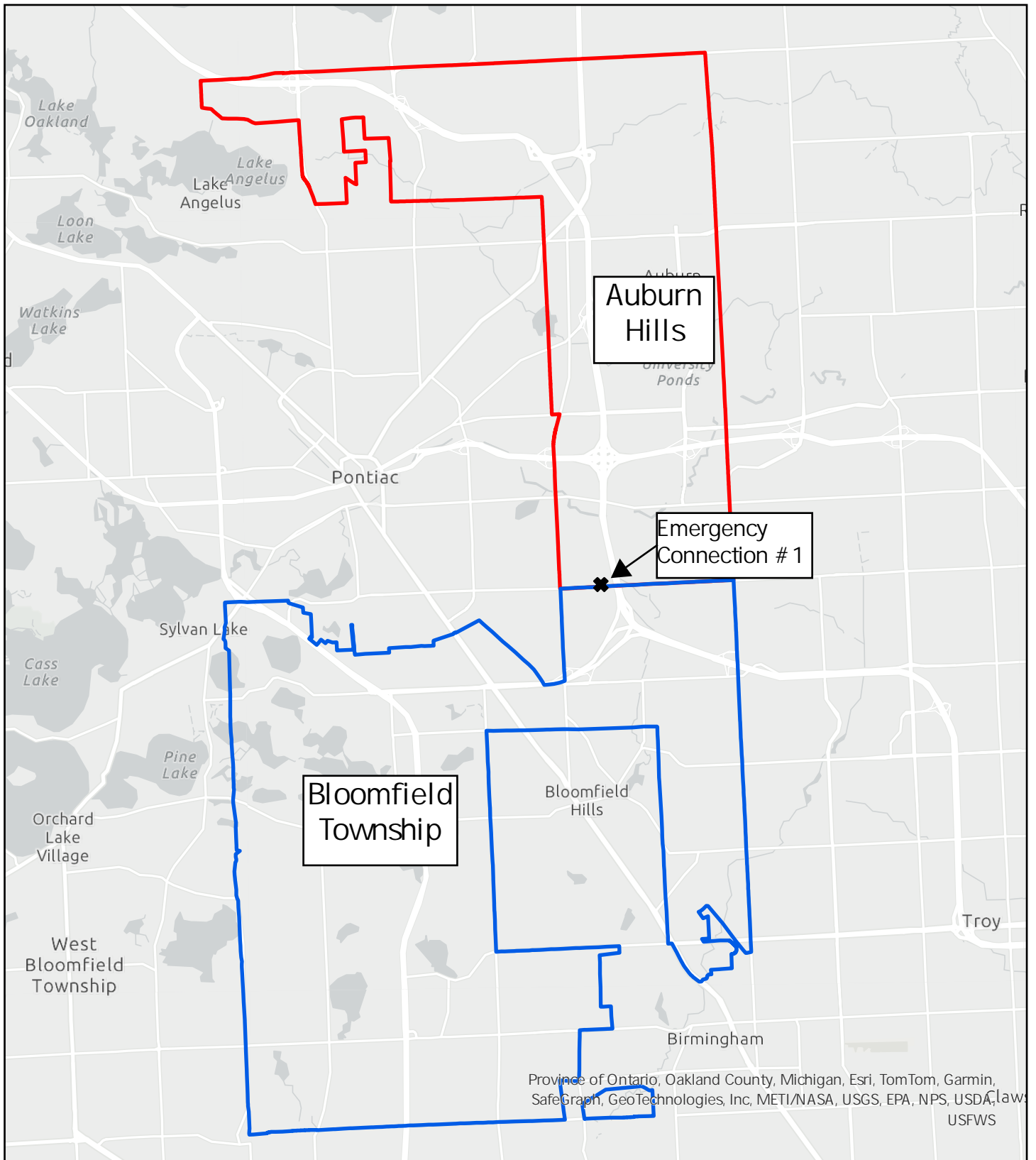
The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 2024, by Dani Walsh, Township Supervisor of the Charter Township of Bloomfield, on behalf of the Township.

\_\_\_\_\_  
Notary Public  
Oakland County, Michigan  
My commission expires:

# Exhibit 1

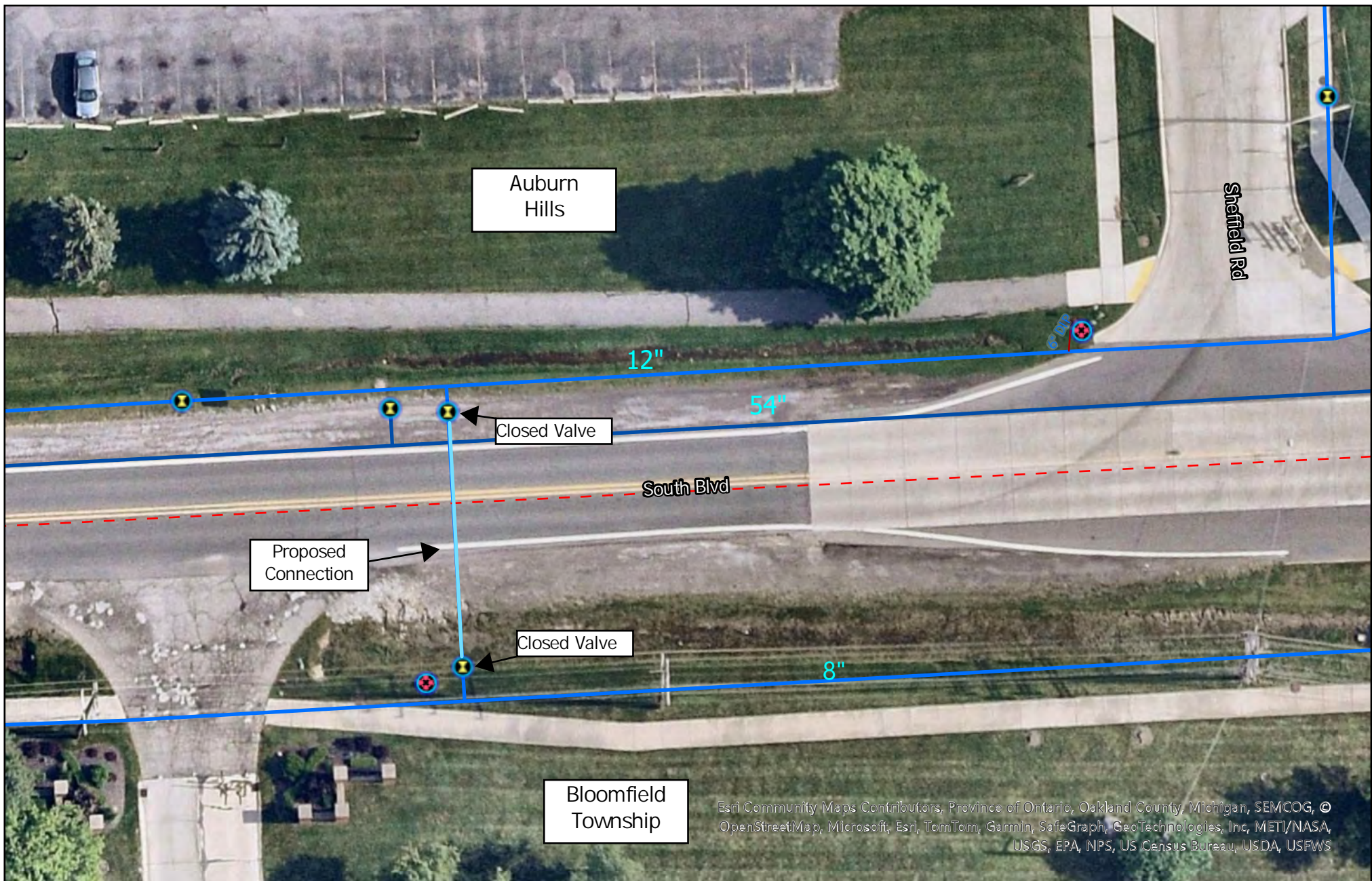
## Emergency Interconnection(s)

### City of Auburn Hills / Bloomfield Township



Province of Ontario, Oakland County, Michigan, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, Law, USFWS





# Emergency Connection # 1

Municipal Boundary	AH/Bloomfield Twp Water Main	
Valve	GLWA Main	
Hydrant		



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7D

FINANCE/TREASURER

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Michelle Schulz, Finance Director/Treasurer  
**Submitted:** July 23, 2024  
**Subject:** Motion – Amend the 2024 budget increasing the 2024 budget transfers from General Fund to both the Major and Local Roads Funds.

### INTRODUCTION AND HISTORY

Due to encumbered funds of 2023 rolled into budget year 2024 and other amendments made for actual contract costs for road maintenance and construction versus estimates put in during the 2024 budget process, transfers of funds from the Street department of the General Fund to the Major and Local Roads Funds are necessary.

An amendment for Dexter to Walton road work, for example, added \$1.7 million to the Local Road budget. The original Local Road budget reflected net draw on fund balance of \$55,807. Currently, the amended 2024 budget for Local Roads funds reflects a net draw of \$2,288,841. In order to accurately reflect projections of the City's cash flows while preparing the 2025 budget as well as maintain appropriate cash in Local Roads, an amendment is necessary to Local Roads Revenue increasing transferred General Fund revenue an additional \$2,290,000 as well as an increase in appropriations in the Street department of the General Fund for expenditures of the same amount.

Further, the Major Road Fund net 2024 budget originally drew down its fund balance \$66,246. With amendments thus far this year, the draw upon this fund balance has increased to \$568,319. Thus, an amendment of an additional \$480,000 in revenue from a General Fund transfer is recommended to Major Roads revenue to maintain its cash balance and recognize the increased expected expenditures in the General Fund Street department.

### STAFF RECOMMENDATION

Staff recommends the City Council approve an amendment increasing the General Fund Street department 2024 appropriations by \$2,770,000 and increasing Major Roads revenues \$480,000 and increasing Local Road revenues \$2,290,000.

### MOTION

Move to amend 2024 General Fund Street improvement department increasing appropriations \$2,770,000 and amend the Major Road Fund increasing revenues \$480,000 and amend the Local Road funds increasing revenues \$2,290,000.

I CONCUR:

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THOMAS A. TANGHE, CITY MANAGER





# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7E  
FINANCE/TREASURER

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Christina Faulk, Accountant; Michelle Schulz, Finance Director  
**Submitted:** July 18, 2024  
**Subject:** Motion – To amend General Fund Departments Interfund Vehicle appropriations and Fleet Fund revenue.

## INTRODUCTION AND HISTORY

Upon review of the 2024 General fund Budget, Finance staff determined amendments are necessary within the General Fund Fleet Management Interfund Vehicle Rent line items in multiple departments. An increase in appropriations is necessary as outlined below. The necessity of the increases is primarily due to new vehicle purchases, increased fuel and parts costs, and some larger unforeseen repairs. Staff further recommends amending Fleet's revenue, increasing it as shown to keep the interfund charges and revenues in balance.

	General Fund	2024	2024	Appropriation
Fleet Vehicle Rent	Departments	Amended Budget	Anticipated	Needed
101-172-995.002	City Manager	18,501.00	16,812.00	(1,689.00)
101-261-995.002	General Admin	1,000.00	0.00	(1,000.00)
101-301-995.002	Patrol	399,493.00	512,676.00	113,183.00
101-305-995.002	Police Admin	25,803.00	28,660.00	2,857.00
101-336-995.002	Fire Admin	46,298.00	64,550.00	18,252.00
101-339-995.002	Fire Suppression	387,822.00	490,000.00	102,178.00
101-341-995.002	Fire Prevention	11,599.00	34,510.00	22,911.00
101-371-995.002	Building	47,904.00	90,562.00	42,658.00
101-441-995.002	DPW Admin	21,743.00	62,414.00	40,671.00
101-685-995.002	Seniors	0.00	12,792.00	12,792.00
101-686-995.010	Smart Fuel	7,856.00	8,426.00	570.00
101-686-995.011	Smart Maint	5,195.00	36,014.00	30,819.00
101-686-995.012	Smart Insurance	21,230.00	1,728.00	(19,502.00)
101-770-995.002	Parks	7,720.00	9,918.00	2,198.00
TOTAL INCREASE IN VEHICLE INTERFUND APPROPRIATIONS				366,898.00
661-594-699.001	Fleet Fund			355,011.00
661-594-699.002	Fleet Fund			11,887.00
TOTAL INCREASE IN VEHICLE INTERFUND REVENUES				366,898.00

## STAFF RECOMMENDATION

Staff recommends a budget amendment increasing the listed General fund departments' allocated fleet vehicle appropriations and increasing the Fleet fund revenues for the same amount.

**MOTION**

Move to amend the 2024 General fund departments as listed increasing appropriations \$366,898 for interfund vehicle charges and to amend Fleet Funds increasing revenue \$366,898.

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style. The first name "Thomas" is written with a large, prominent 'T'. The middle initial "A." is written in a smaller, simpler script. The last name "Tanghe" is written with a large, prominent 'T' and a long, sweeping tail that extends to the right.

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THOMAS A. TANGHE, CITY MANAGER



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7F

FINANCE

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Michelle Schulz, Finance Director; Connie Bommarito, Accountant  
**Submitted:** August 12, 2024  
**Subject:** Motion – Amend Wage and Benefit lines within General Fund Departments and other Funds

### INTRODUCTION AND HISTORY

Each year, during the budget process, current year wages and benefits are reviewed. The budget for wages and benefits is based on a point in time and assumptions. The primary reasons for the adjustments below are due to non-union annual wage increases awarded late in 2023 for 2024, elimination of full-time stormwater position and replaced with a part-time position, new IAFF contract language, and a slight increase in the Pension Trust required contribution and a decrease in Retiree Health Care Trust required contribution.

### STAFF RECOMMENDATION

Staff recommends the following amendments to the General Fund departments and other Funds listed be approved to reflect the net increase in appropriations as shown.

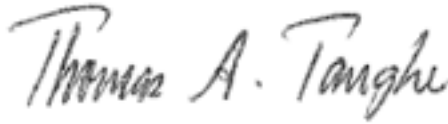
<u>Department</u>	<u>Net Amendment</u>	<u>Primary Reason</u>
101-City Council	(1,688.40)	RHC Required Contribution decrease
172-City Manager	43,697.60	Wage increase
215-Clerk	7,450.00	Wage increase
253-Treasurer/Finance	12,882.60	Wage increase
261-General Administration	(182,185.20)	Remove reserve for increases
261-General Administration	(194,207.60)	RHC Required Contribution decrease
265-Facilities	(6,754.62)	RHC Required Contribution decrease
270-Human Resources	7,425.60	Wage increase
301-Police	(12,547.66)	RHC Required Contribution decrease
305-Police Admin	16,767.98	Wage increase
336-Fire Admin	34,625.07	Wage increase, IAFF contract
339-Fire Suppression	279,880.03	IAFF contract wage increase/retro wages
341-Fire Prevention	54,555.55	IAFF contract wage increase/retro wages
371-Building	5,849.79	Wage increase
441-DPW Admin	12,707.79	Wage increase
537-Storm Water	(68,418.40)	Remove Full Time, add Part Time
685-Seniors	9,673.60	Wage increase
703-Community Development	5,875.19	Wage increase
755-Recreation	3,753.00	Wage increase
770-Parks	2,741.00	Wage increase
Total General Funds	\$ 32,082.92	

452-Major Roads	(2,201.21)	RHC Required Contribution decrease
453-Local Roads	(835.81)	RHC Required Contribution decrease
Total Roads	\$ (3,037.02)	
535-Sewer	1,176.60	Pension Required Contribution increase
536-Water	(6,754.62)	RHC Required Contribution decrease
Total Water/Sewer	\$ (5,578.02)	
594-Fleet	(1,688.40)	RHC Required Contribution decrease
753-Golf	4,926.00	Wage increase
	\$ 26,705.48	Total Net Amendment

**MOTION**

Move to amend the General Fund departments as well as the Major, Local, Water and Sewer, Fleet, and Golf funds increasing or decreasing appropriations for each department as stated above.

I CONCUR:




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THOMAS A. TANGHE, CITY MANAGER



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7G**

**FINANCE**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Salvatore Vittone, Deputy Treasurer**  
**Submitted: August 6, 2024**  
**Subject: Motion – To receive and file the Mariner Consulting 2nd quarter Cash Management Investment Performance Review**

### **INTRODUCTION AND HISTORY**

Public Act 213 of 2007 requires local governments to prepare periodic investment reports for presentation to the governing body. The investment of the City's working capital or surplus monies is governed by the City's Investment Policy document which incorporates both state (Public Act 20 of 1943 as amended) and local statutes.

In January of 2011, the City engaged the services of a third-party consultant to provide a level of due diligence beyond internal staff review, perform quarterly reviews of the performance of the City's investment portfolio, and to ensure the City's investment portfolio remains in compliance with Public Act 20. Currently, the City's investment consultant is Brian Green of Mariner Consulting, and Mary Donovan of Insight Investment serves as the City's investment manager.

Beginning in 2015, cash and investment reporting was provided quarterly in a summarized format, to be included on the consent agenda. The City's investment consultant began addressing City Council a minimum of two times during the year, regarding the City's managed cash and investments.

Attached is the 2nd quarter 2024 investment performance review condensed report prepared by Mariner Consulting. The select pages include both a Summary and Executive report. These pages provide a summary of the City's asset allocation of investments, past and current performance, market values, and an evaluation. The complete 17-page quarterly report is filed with the City Clerk and available for review at any time.

As has been the practice, Mariner Consulting's report includes only managed cash invested through Insight Investment, the Local Government Investment Pool, and Michigan CLASS. Cash held by the city for operational needs is not reported. As of June 30, 2024 (audited), there was approximately \$48.7 M available for City operations in the City's operational checking account and allocated as follows:

\$20.9 M Governmental Funds  
\$13.2 M Enterprise Funds  
\$3.1 M Internal Service Funds  
\$11.4 M Component Unit Funds

### **STAFF RECOMMENDATION**

The staff recommends the acceptance of the 2024 2nd quarter ending June 30, 2024, Cash Management Investment Performance review as attached and submitted by Mariner Consulting.

**MOTION**

**Move to receive and file the Mariner Consulting 2nd quarter Cash Management Investment Performance Review**

**I CONCUR:**

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style. The first name "Thomas" is written with a large, prominent 'T'. The middle initial "A." is written in a smaller, simpler script. The last name "Tanghe" is written with a large, prominent 'T' and a long, sweeping tail that extends to the right.

---

**THOMAS A. TANGHE, CITY MANAGER**

---

# City of Auburn Hills - Cash Management

Investment Performance Review  
Period Ending June 30, 2024

MARINER

**City of Auburn Hills – Cash  
Management Investment  
Performance Evaluation  
Second Quarter 2024**

1. Investment Results for the \$90.9 million portfolio managed by Insight Investment and the Finance Director/Treasurer were behind benchmark for the quarter and for the trailing year. The investment rate of return was +1.02% for the quarter and +4.75% for the past 12 months. These results compare to +1.32% return for T-Bills this quarter, and +5.40% for the past 12 months. While the portfolio has lagged the benchmark for the year, it has significantly outperformed peers over that same time period. Longer term results (trailing 3 year and 5 year) are well ahead of peers.

2. Investment Activity for the quarter:

	<u>Manager</u>	<u>Interest</u>	<u>\$ FMV Adjustment</u>	<u>Total</u>
1)	Insight Investment	\$470,583	\$187,446	\$658,029
2)	Oakland County Invest Pool	\$35,453	\$12,598	\$48,051
3)	CDs plus J Fund	\$29,106	N/A	\$29,106
4)	Michigan CLASS	\$38,362	N/A	\$38,362
5)	Michigan CLASS EDGE	\$273,046	\$0	\$273,046
	<b>TOTAL</b>	<b>\$846,549</b>	<b>\$200,044</b>	<b>\$1,046,593</b>

3. Investment Activity for the trailing 12 months:

	<u>Manager</u>	<u>Interest</u>	<u>\$ FMV Adjustment</u>	<u>Total</u>
1)	Insight Investment	\$1,369,800	\$1,504,714	\$2,874,514
2)	Oakland County Invest Pool	\$106,497	\$12,421	\$118,918
3)	CDs plus J Fund	\$33,123	N/A	\$33,123
4)	Michigan CLASS	\$167,562	\$11,993	\$179,555
5)	Michigan CLASS EDGE	\$1,059,208	\$108,400	\$1,167,608
	<b>TOTAL</b>	<b>\$2,736,190</b>	<b>\$1,637,528</b>	<b>\$4,373,718</b>

4. The Average Credit Quality on the portfolio is AAA.

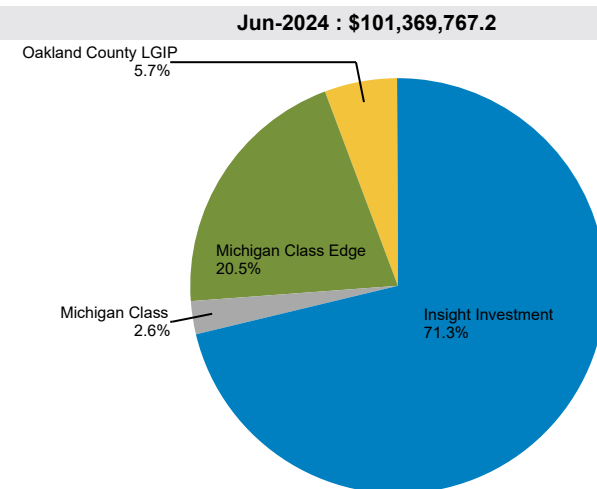
5. General investment guidelines and policies, as well as specific guidelines on safety and liquidity, are being followed.

6. Insight Investment and the Finance Director/Treasurer are earning competitive returns, net-of-fees. The active cash management program is both paying for itself and providing a significantly greater return on investment for the city after more than 13 years. Of note, the professional management of the Cash pools has added \$714,096 in additional return since January 2010.



Asset Allocation & Performance												
	Allocation		Performance(%)									
	Market Value \$	%	QTR Ending Sep-2023	QTR Ending Dec-2023	QTR Ending Mar-2024	QTR Ending Jun-2024	1 YR	2 YR	3 YR	5 YR	Inception	Inception Date
<b>Aggregate Cash Management</b>	<b>101,369,767</b>	<b>100.0</b>	<b>0.81</b>	<b>2.16</b>	<b>0.68</b>	<b>1.02</b>	<b>4.75</b>	<b>3.31</b>	<b>1.68</b>	<b>1.76</b>	<b>1.27</b>	<b>01/01/2010</b>
90 Day U.S. Treasury Bill			1.31	1.37	1.29	1.32	5.40	4.49	3.03	2.16	1.06	
Insight Investment	72,226,367	71.3	0.64	2.59	0.48	0.91	4.68	2.78	0.88	1.39	1.21	01/01/2010
90 Day U.S. Treasury Bill			1.31	1.37	1.29	1.32	5.40	4.49	3.03	2.16	1.06	
IM U.S. Cash Fixed Income (SA+CF) Median			1.38	1.70	1.35	1.35	5.78	4.76	3.17	2.39	1.52	
Michigan Class	2,614,406	2.6	1.34	1.37	1.35	1.35	5.52	4.80	3.25	2.29	2.17	05/01/2017
Michigan Class Edge	20,730,158	20.5	1.29	1.50	1.25	1.33	5.49	4.65			4.32	05/01/2022
Oakland County LGIP	5,734,418	5.7	0.31	0.47	0.48	0.84	2.12	1.68	1.28	1.42	1.37	05/01/2015
Comerica Govt Cash	64,418	0.1	1.14	1.00	1.26	1.28	4.76	4.10	2.76	1.92	1.64	03/01/2016

Financial Reconciliation					
	Market Value 01/01/2024	Income	Net Investment Gain/Loss	Net Cash Flow	Market Value 06/30/2024
<b>Aggregate Cash Management</b>	<b>90,971,801</b>	<b>1,296,119</b>	<b>365,925</b>	<b>8,735,923</b>	<b>101,369,767</b>
Insight Investment	61,299,641	676,106	274,601	9,976,020	72,226,367
Michigan Class	3,214,828	65,250	11,993	-677,665	2,614,406
Michigan Class Edge	20,719,580	461,884	66,911	-518,217	20,730,158
Oakland County LGIP	5,660,440	62,601	12,421	-1,044	5,734,418
Certificates of Deposit	-	-	-	-	-
Comerica Govt Cash	77,311	30,278	-	-43,171	64,418



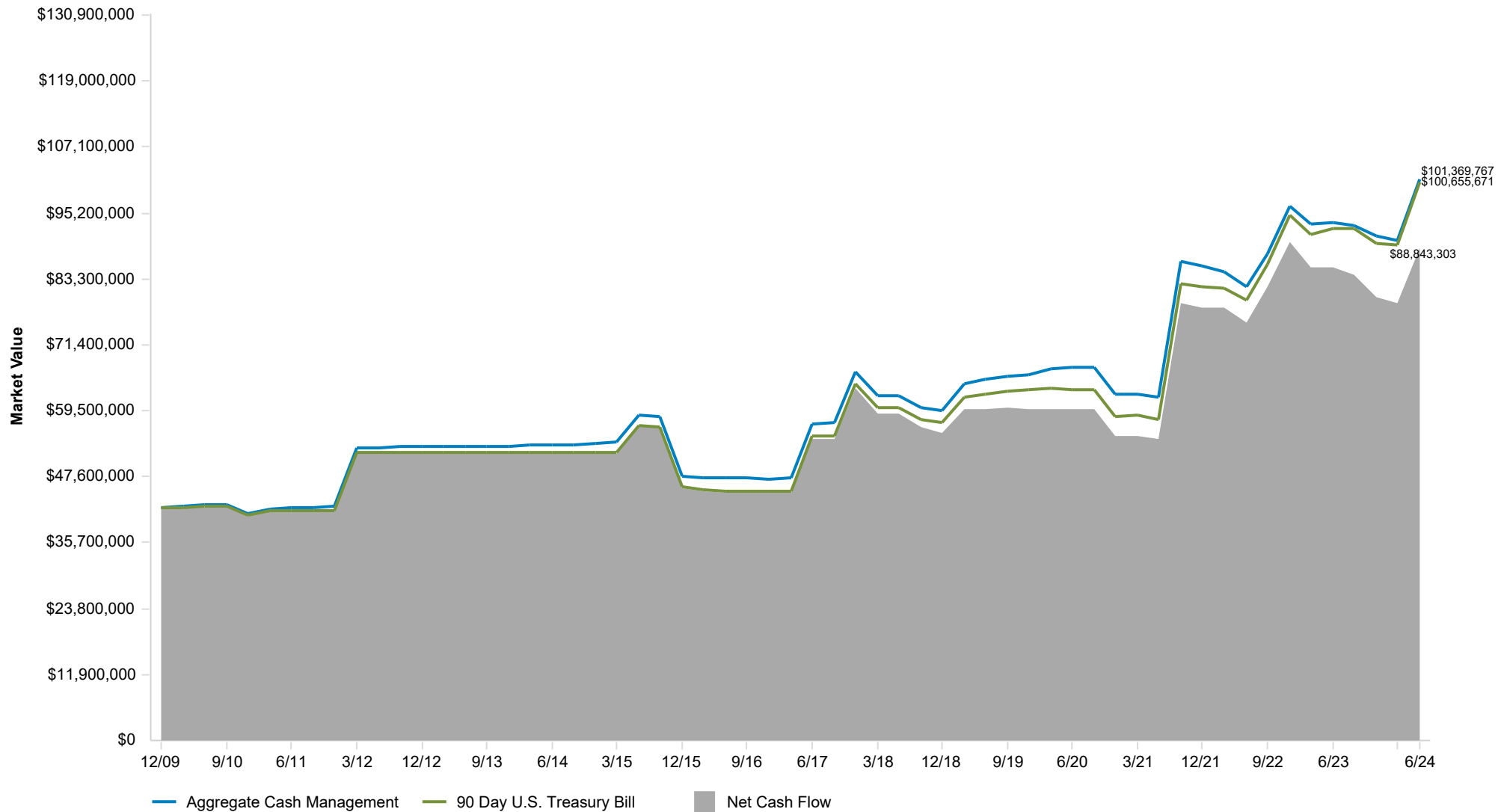
**Comparative Performance Trailing Returns**  
**City of Auburn Hills - Cash Management**  
As of June 30, 2024

Comparative Performance															
	MTH		QTR		YTD		1 YR		3 YR		5 YR		Inception		Inception Date
<b>Aggregate Cash Management</b>	<b>0.56</b>	<b>(57)</b>	<b>1.02</b>	<b>(32)</b>	<b>1.71</b>	<b>(25)</b>	<b>4.75</b>	<b>(35)</b>	<b>1.68</b>	<b>(10)</b>	<b>1.76</b>	<b>(9)</b>	<b>1.27</b>	<b>(14)</b>	<b>01/01/2010</b>
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	1.06	(36)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		0.94		
 Oakland County Investment Pool	 0.22	 (100)	 0.84	 (59)	 1.33	 (48)	 2.12	 (100)	 1.28	 (11)	 1.42	 (10)	 1.37	 (9)	 05/01/2015
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	1.64	(4)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		0.81		
 Michigan Class	 0.44	 (76)	 1.35	 (5)	 2.72	 (5)	 5.52	 (9)	 3.25	 (2)	 2.29	 (1)	 2.17	 (1)	 05/01/2017
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	2.04	(3)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		0.98		
 Michigan Class Edge	 0.44	 (76)	 1.33	 (6)	 2.60	 (11)	 5.49	 (10)	 N/A		 N/A		 4.32	 (2)	 05/01/2022
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	4.18	(4)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		1.69		
 Comerica Govt Cash	 0.42	 (78)	 1.28	 (13)	 2.55	 (12)	 4.76	 (35)	 2.76	 (8)	 1.92	 (8)	 1.64	 (6)	 03/01/2016
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	1.80	(4)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		0.87		
 Insight Investment	 0.63	 (33)	 0.91	 (41)	 1.40	 (44)	 4.68	 (37)	 0.88	 (16)	 1.39	 (10)	 1.21	 (20)	 01/01/2010
90 Day U.S. Treasury Bill	0.41	(83)	1.32	(7)	2.63	(9)	5.40	(14)	3.03	(3)	2.16	(3)	1.06	(36)	
IM U.S. Short Term Treasury/Govt Bonds (MF) Median	0.58		0.88		1.23		4.43		-0.02		0.72		0.94		
<b>Insight Investment (Net of Fees)</b>	<b>0.63</b>	<b>(33)</b>	<b>0.91</b>	<b>(41)</b>	<b>1.36</b>	<b>(46)</b>	<b>4.64</b>	<b>(40)</b>	<b>0.83</b>	<b>(16)</b>	<b>1.32</b>	<b>(10)</b>	<b>1.14</b>	<b>(30)</b>	

Returns for periods greater than one year are annualized.  
Returns are expressed as percentages.

**Schedule of Investable Assets**  
**City of Auburn Hills - Cash Management**  
 January 1, 2010 To June 30, 2024

**Schedule of Investable Assets**



**Schedule of Investable Assets**

Periods Ending	Beginning Market Value \$	Net Cash Flow \$	Gain/Loss \$	Ending Market Value \$	%Return
Jan-2010 To Jun-2024	42,139,379	46,703,924	12,526,464	101,369,767	1.27

Mariner Institutional compiled this report for the sole use of the client for which it was prepared. Mariner Institutional is responsible for evaluating the performance results of the Total Fund along with the investment advisors by comparing their performance with indices and other related peer universe data that is deemed appropriate. Mariner Institutional uses the results from this evaluation to make observations and recommendations to the client.

Mariner Institutional uses time-weighted calculations which are founded on standards recommended by the CFA Institute. The calculations and values shown are based on information that is received from custodians. Mariner Institutional analyzes transactions as indicated on the custodian statements and reviews the custodial market values of the portfolio. As a result, this provides Mariner Institutional with a reasonable basis that the investment information presented is free from material misstatement. This methodology of evaluating and measuring performance provides Mariner Institutional with a practical foundation for our observations and recommendations. Nothing came to our attention that would cause Mariner Institutional to believe that the information presented is significantly misstated.

This performance report is based on data obtained by the client's custodian(s), investment fund administrator, or other sources believed to be reliable. While these sources are believed to be reliable, the data providers are responsible for the accuracy and completeness of their statements. Clients are encouraged to compare the records of their custodian(s) to ensure this report fairly and accurately reflects their various asset positions.

The strategies listed may not be suitable for all investors. We believe the information provided here is reliable, but do not warrant its accuracy or completeness. Past performance is not an indication of future performance. Any information contained in this report is for informational purposes only and should not be construed to be an offer to buy or sell any securities, investment consulting, or investment management services.

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Methodology for this Award: For the 2022 Greenwich Quality Award for Overall U.S. Investment Consulting – Midsize Consultants – Between February and November 2022, Coalition Greenwich conducted interviews with 727 individuals from 590 of the largest tax-exempt funds in the United States. These U.S.-based institutional investors are corporate and union funds, public funds, and endowment and foundation funds, with either pension or investment pool assets greater than \$150 million. Study participants were asked to provide quantitative and qualitative evaluations of their asset management and investment consulting providers, including qualitative assessments of those firms soliciting their business and detailed information on important market trends.



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7H**

**FINANCE**

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Salvatore Vittone, Deputy Treasurer  
**Submitted:** August 6, 2024  
**Subject:** Motion – To adopt the Abandoned Property for Accelerated Forfeiture Act Public Act 132 of 1999

## **INTRODUCTION AND HISTORY**

The Accelerated Tax Foreclosure Process allows for property with delinquent taxes and certified abandoned by the local governing body to enter an accelerated foreclosure process in which the County Treasurer's office can foreclose on the property 1 year earlier than the regular 3-year foreclosure process. Properties that are abandoned and neglected can become a liability to the community as they progress through the state-mandated 3-year foreclosure process. The accelerated foreclosure process can only be initiated if the City of Auburn Hills adopts a resolution by October 1, 2024. Adoption of a "declaration of accelerated forfeiture of abandoned property" resolution does not bind the City of Auburn Hills to any action; rather it simply reserves the right to pursue accelerated foreclosure on a property deemed abandoned if so chosen.

## **STAFF RECOMMENDATION**

It is recommended that City Council approve the attached resolution allowing the City to participate in the Accelerated Tax Foreclosure Process to be able to have the option to deem a property abandoned and expedite the foreclosure process 1 year earlier. This will help to reduce the liability of abandoned homes and blight problems within the City.

## **MOTION**

**Move to adopt the attached resolution allowing the City to participate in the Accelerated Tax Foreclosure Process.**

**I CONCUR:**

---

**THOMAS A. TANGHE, CITY MANAGER**



**RESOLUTION  
FOR THE CERTIFICATION OF ABANDONED PROPERTY  
FOR ACCELERATED FORFEITURE ACT (PUBLIC ACT 132 OF 1999)**

At a regular meeting of the City Council of the City of Auburn Hills, Oakland County, Michigan, held in the City Council Chamber at 1827 N. Squirrel Road, Auburn Hills, MI 48326 at 7:00 PM, on the 12<sup>th</sup> day of August, 2024, the following resolution was offered by Council Member \_\_\_\_\_ and seconded by Council Member \_\_\_\_\_:

**WHEREAS,** the governing body City of Auburn Hills determines that parcels of abandoned tax delinquent property exists;

**WHEREAS,** abandoned tax delinquent property contributes to crime, blight, and decay within the City of Auburn Hills;

**WHEREAS,** the certification of tax delinquent abandoned property as Certified Abandoned Property will result in the accelerated forfeiture and foreclosure of certified property under the General Property Tax Act and return abandoned property to productive use more rapidly, thereby reducing crime, blight, and decay within the City of Auburn Hills.

**NOW, THEREFORE BE IT RESOLVED** that the Auburn Hills City Council hereby notifies residents and owners of property within the City of Auburn Hills that abandoned tax delinquent property will be identified and inspected and may be certified as Certified Abandoned Property under the certification of the Foreclosure under the General Property Tax Act.

AYES:

NAYES:

ABSENT:

ABSTENTIONS:

RESOLUTION \_\_\_\_\_

STATE OF MICHIGAN)  
COUNTY OF OAKLAND)

I, the undersigned, the duly appointed City Clerk for the City of Auburn Hills, Oakland County, Michigan do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Auburn Hills City Council held on the 12<sup>th</sup> day of August, 2024.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this \_\_\_\_ day of August, 2024.

\_\_\_\_\_  
Laura M. Pierce, City Clerk



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 71  
CITY MANAGER'S OFFICE

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Brandon Skopek, Assistant City Manager  
**Submitted:** April 10, 2024  
**Subject:** Motion – To Approve the Purchase of Network Switches for the Public Safety Building

### INTRODUCTION AND HISTORY

Included in the 2024 budget are funds for a series of network switch replacements for the Public Safety Building. These network switches allow for two or more IT devices to communicate with one another. In addition to connecting to end devices such as PCs and printers, these network switches may be connected to other switches, routers, etc., all of which can provide connectivity to additional devices. These switches are part of a series of switches that need replacement and support for them expired in December 2023.

IT staff has conducted extensive research and evaluation of possible network switch configurations and recommended the purchase of seven Cisco Catalyst 1300 Series switches to replace the current network switch enclosures and twelve network switch cards. Four of the switches will be used by the Police Department, two of the switches will be used by the Fire Department, and one of the switches will be used by the IT Department. The Cisco Catalyst 1300 Series switches are fully compatible with the legacy network switches that are currently in-place in the City's IT infrastructure.

The IT Department obtained a quote from CDW-G for the purchase of the seven network switches and the required supporting equipment. CDW-G is part of the MiDEAL purchasing consortium, so prices are competitively bid and pre-determined. Total project costs will total \$17,945.64.

Department	Item Description	Price
Police	Cisco Catalyst 1300-48FP-4X Network Switches & Supporting Equipment (Quantity of 4 Switches)	\$9,892.84
Fire	Cisco Catalyst 1300-48FP-4X Network Switches & Supporting Equipment (Quantity of 2 Switches)	\$5,185.58
IT	Cisco Catalyst 1300-48FP-4X Network Switches & Supporting Equipment (Quantity of 1 Switch)	\$2,867.22
	<b>TOTAL</b>	<b>\$17,945.64</b>

There is sufficient funding for this project in the Police, Fire, and IT Department budgets. Therefore, no budget amendments for this purchase will be necessary.

### STAFF RECOMMENDATION

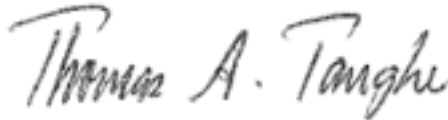
Staff recommends the purchase of seven Cisco 1300-48FP-4X network switches and supporting equipment from CDW-G in the amount of \$17,945.64.

**CITY MANAGER'S NOTE:** City Council will recall that I advised you of this being an emergency purchase due to switch failure about two weeks ago. As a result, and in accordance with our purchasing ordinance, I authorized this purchase on an emergency basis and the purchase was already made. Through consortium pricing, the emergency purchase was no greater than if the switches were purchased on a non-emergency basis.

**MOTION**

Move to approve the purchase of seven Cisco Catalyst 1300-48FP-4X network switches and supporting equipment from CDW-G under MiDEAL contract number 071B6600110 in an amount not to exceed \$17,945.64.

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style.

---

THOMAS A. TANGHE, CITY MANAGER





Thank you for choosing CDW. We have received your quote.

Hardware

Software

Services

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## QUOTE CONFIRMATION

**NORM GREEN,**

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

**Convert Quote to Order**

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NZSC282	7/24/2024	19659-PD-CM	6399385	<b>\$9,892.84</b>

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<a href="#">Cisco Catalyst 1300-48FP-4X - switch - 48 ports - managed - rack-mountable</a> Mfg. Part#: C1300-48FP-4X Contract: National IPA Technology Solutions (2018011)	4	7968704	\$2,143.00	\$8,572.00
<a href="#">Cisco SFP+ 3.3' Twinaxial Cable</a> Mfg. Part#: SFP-H10GB-CU1M= UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	6	1619518	\$83.08	\$498.48
<a href="#">Tripp Lite Cat6 Gigabit Snagless Molded Slim Patch Cable RJ45 M M Blue 6in</a> Mfg. Part#: N201-S6N-BL UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	192	4745291	\$2.94	\$564.48
<a href="#">StarTech.com Hook-and-Loop Cable Management Tie - Cable Wrap - 50 ft. Roll</a> Mfg. Part#: HKLP50 UNSPSC: 26121668 Contract: National IPA Technology Solutions (2018011)	1	4478186	\$17.79	\$17.79
<a href="#">Tripp Lite PDU Single Phase Basic Horizontal 120V 2.4kw 13 5-15 20R 20A 1U</a> Mfg. Part#: PDU1220 UNSPSC: 39121017 Contract: National IPA Technology Solutions (2018011)	1	412260	\$138.37	\$138.37
<a href="#">Cisco SFP+ 10' Twinaxial Cable</a> Mfg. Part#: SFP-H10GB-CU3M= UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	2	1619524	\$50.86	\$101.72

<b>SUBTOTAL</b>	\$9,892.84
<b>SHIPPING</b>	\$0.00
<b>SALES TAX</b>	\$0.00
<b>GRAND TOTAL</b>	<b>\$9,892.84</b>

<b>PURCHASER BILLING INFO</b>	<b>DELIVER TO</b>
<b>Billing Address:</b> CITY OF AUBURN HILLS ATTN: IT DEPART 1827 N SQUIRREL RD AUBURN HILLS, MI 48326-2753 <b>Phone:</b> (248) 370-9400 <b>Payment Terms:</b> NET 30-VERBAL	<b>Shipping Address:</b> CITY OF AUBURN HILLS POLICE DEPT NORM GREEN 1899 N SQUIRREL RD AUBURN HILLS, MI 48326-2749 <b>Shipping Method:</b> FEDEX Ground
	<b>Please remit payments to:</b>  CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515



### Sales Contact Info

**Dave Engmark** | 800.808.4239 | [davieng@cdwg.com](mailto:davieng@cdwg.com)

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For more information, contact a CDW account manager.

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## QUOTE CONFIRMATION

**NORM GREEN,**

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

**Convert Quote to Order**

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NZSC290	7/24/2024	19660-FA-OM	6399385	<b>\$5,185.58</b>

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<a href="#">Cisco Catalyst 1300-48FP-4X - switch - 48 ports - managed - rack-mountable</a> Mfg. Part#: C1300-48FP-4X Contract: National IPA Technology Solutions (2018011)	2	7968704	\$2,143.00	\$4,286.00
<a href="#">Cisco SFP+ 3.3' Twinaxial Cable</a> Mfg. Part#: SFP-H10GB-CU1M= UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	4	1619518	\$83.08	\$332.32
<a href="#">Tripp Lite Cat6 Gigabit Snagless Molded Slim Patch Cable RJ45 M M Blue 6in</a> Mfg. Part#: N201-S6N-BL UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	96	4745291	\$2.94	\$282.24
<a href="#">StarTech.com Hook-and-Loop Cable Management Tie - Cable Wrap - 50 ft. Roll</a> Mfg. Part#: HKLP50 UNSPSC: 26121668 Contract: National IPA Technology Solutions (2018011)	1	4478186	\$17.79	\$17.79
<a href="#">Tripp Lite PDU Single Phase Basic Horizontal 120V 2.4kw 13 5-15 20R 20A 1U</a> Mfg. Part#: PDU1220 UNSPSC: 39121017 Contract: National IPA Technology Solutions (2018011)	1	412260	\$138.37	\$138.37
<a href="#">Tripp Lite 24-Port Cat6 Patch Panel Rackmount 110 RJ45 Ethernet 1U 568B TAA</a> Mfg. Part#: N252-024 UNSPSC: 43223309 Contract: National IPA Technology Solutions (2018011)	2	713447	\$64.43	\$128.86

<b>SUBTOTAL</b>	\$5,185.58
<b>SHIPPING</b>	\$0.00
<b>SALES TAX</b>	\$0.00
<b>GRAND TOTAL</b>	<b>\$5,185.58</b>

PURCHASER BILLING INFO	DELIVER TO
<b>Billing Address:</b> CITY OF AUBURN HILLS ATTN: IT DEPART 1827 N SQUIRREL RD AUBURN HILLS, MI 48326-2753 <b>Phone:</b> (248) 370-9400 <b>Payment Terms:</b> NET 30-VERBAL	<b>Shipping Address:</b> CITY OF AUBURN HILLS POLICE DEPT NORM GREEN 1899 N SQUIRREL RD AUBURN HILLS, MI 48326-2749 <b>Shipping Method:</b> FEDEX Ground
	<b>Please remit payments to:</b> CDW Government 75 Remittance Drive Suite 1515 Chicago, IL 60675-1515



### Sales Contact Info

**Dave Engmark** | 800.808.4239 | [davieng@cdwg.com](mailto:davieng@cdwg.com)

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<http://www.cdwg.com/content/terms-conditions/product-sales.aspx>

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Hardware

Software

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IT Solutions

Brands

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## QUOTE CONFIRMATION

**NORM GREEN,**

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

**Convert Quote to Order**

QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NZSC320	7/24/2024	19661-IT-NG	6399385	<b>\$2,867.22</b>

QUOTE DETAILS				
ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<a href="#">Cisco Catalyst 1300-48FP-4X - switch - 48 ports - managed - rack-mountable</a> Mfg. Part#: C1300-48FP-4X Contract: National IPA Technology Solutions (2018011)	1	7968704	\$2,180.02	\$2,180.02
<a href="#">Proline Cisco GLC-SX-MMD Compatible TAA Compliant 1000Base-SX SFP Transceiv</a> Mfg. Part#: GLC-SX-MMD-PRO UNSPSC: 43201553 Contract: National IPA Technology Solutions (2018011)	2	3269894	\$78.22	\$156.44
<a href="#">Proline 1m LC (M) to ST (M) Orange OM1 Duplex Fiber OFNR Patch Cable</a> Mfg. Part#: PRO-ST-LC-1M6MMF UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	2	4160076	\$18.11	\$36.22
<a href="#">Proline 3m LC (M) to ST (M) Orange OM1 Duplex Fiber OFNR Patch Cable</a> Mfg. Part#: PRO-ST-LC-3M6MMF UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	2	4122483	\$20.00	\$40.00
<a href="#">Tripp Lite Cat6 Gigabit Snagless Molded Slim Patch Cable RJ45 M M Blue 6in</a> Mfg. Part#: N201-S6N-BL UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	48	4745291	\$2.54	\$121.92
<a href="#">Tripp Lite 1ft Cat6 Gigabit Snagless Molded Slim UTP Patch Cable RJ45 M M B</a> Mfg. Part#: N201-S01-BL UNSPSC: 26121609 Contract: National IPA Technology Solutions (2018011)	48	4058109	\$2.69	\$129.12

**QUOTE DETAILS (CONT.)****[Tripp Lite 3ft Cat6 Gigabit Snagless Molded Slim UTP Patch Cable RJ45 M M B](#)**

48 4058114 \$3.28 \$157.44

Mfg. Part#: N201-S03-BL

UNSPSC: 26121609

Contract: National IPA Technology Solutions (2018011)

**[StarTech.com Server Rack Screws - 10-32 Screws - Rack Screws - 50 Pack](#)**

1 4633050 \$24.59 \$24.59

Mfg. Part#: CABSCRWS1032

UNSPSC: 24102001

Contract: National IPA Technology Solutions (2018011)

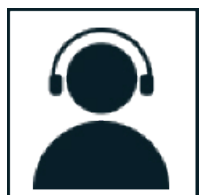
**[StarTech.com Self-adhesive Nylon Cable Tie Mounts - Pkg of 100](#)**

1 389668 \$21.47 \$21.47

Mfg. Part#: HC102

UNSPSC: 26121668

Contract: National IPA Technology Solutions (2018011)

**SUBTOTAL** \$2,867.22**SHIPPING** \$0.00**SALES TAX** \$0.00**GRAND TOTAL** **\$2,867.22****PURCHASER BILLING INFO****Billing Address:**CITY OF AUBURN HILLS  
ATTN: IT DEPART  
1827 N SQUIRREL RD  
AUBURN HILLS, MI 48326-2753**Phone:** (248) 370-9400**Payment Terms:** NET 30-VERBAL**DELIVER TO****Shipping Address:**CITY OF AUBURN HILLS POLICE DEPT  
NORM GREEN  
1899 N SQUIRREL RD  
AUBURN HILLS, MI 48326-2749**Shipping Method:** FEDEX Ground**Please remit payments to:**CDW Government  
75 Remittance Drive  
Suite 1515  
Chicago, IL 60675-1515**Sales Contact Info****Dave Engmark** | 800.808.4239 | [davieng@cdwg.com](mailto:davieng@cdwg.com)**Need Help?**[My Account](#)[Support](#)[Call 800.800.4239](tel:800.800.4239)

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<http://www.cdwg.com/content/terms-conditions/product-sales.aspx>

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# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7J**

**POLICE DEPARTMENT**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Ryan Gagnon, Chief of Police**  
**Submitted: August 12, 2024**  
**Subject: Motion - To Approve Traffic Control Order NP-06**

## **INTRODUCTION AND HISTORY**

Rich & Associates conducted a comprehensive parking study for the downtown district to evaluate current parking conditions, consider future downtown growth and development, and provide recommendations for best practices related to parking. Parking mitigation strategies including on-street parking restrictions were included in the traffic study. Recommendations were presented to the City Council in February 2024.

Rich & Associates recommended implementation and enforcement of a two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm along Auburn Road, North Squirrel Road, and South Grey Road. Additionally, Rich & Associates recommended the implementation of an anti-shuffling ordinance to prohibit someone from moving their vehicle to a different on-street parking space within the downtown district to start a new two-hour session.

Staff internally discussed the parking study and recommendations. Staff recommends amending Traffic Control Order NP-05 to include a two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm on Auburn Road (between Churchill and Oakmont) and on North Squirrel Road (between Auburn Road and Parkways Boulevard). Additionally, staff recommend enacting an anti-shuffling ordinance that would limit on-street parking to two hours per day in designated on-street parking spaces within the downtown district. Finally, staff recommends removing the two-hour parking restriction for parking spaces at Grey Road and Auburn Road in the municipal lot east of 3388 Auburn Road because those parking spaces are not considered on-street parking spaces. Section 257.1 of the MMUTCD Traffic Control Order states that a Traffic Control Order means an order officially establishing the location of traffic control devices and traffic control signals on the highways of this state by the authority having jurisdiction over such highway.

Upon approval by the City Council, proper signage will be placed in these parking areas to advise the public of the two-hour on-street parking restrictions and the anti-shuffling ordinance. Staff will also ensure that the public is informed of these changes. Upon notification and installation of signage, a 30-day educational period will begin to provide warnings to violators prior to any parking tickets being issued.

## **STAFF RECOMMENDATION**

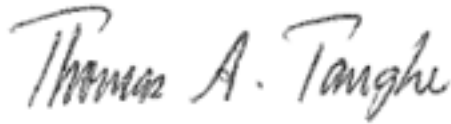
Staff recommends the approval of Traffic Control Order NP-06, which will include the recommended parking restrictions: Two-Hour On-Street Parking and anti-shuffling from 8:00 am and 6:00 pm along Auburn Road (between Churchill and Oakmont) and on Squirrel Road (between Auburn Road and Parkways Boulevard).



**MOTION**

Move to adopt the recommended amendments to Traffic Control Order NP-06, restricting parking to a two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm, on Auburn Road (between Churchill Rd. and Oakmont Rd.), on North Squirrel Road (between Auburn Rd. and Parkways Blvd.), limiting on-street parking to two-hours per day in designated on-street parking spaces by enacting an anti-shuffling ordinance, and removing the two-hour parking restriction for parking spaces within the municipal lot on Grey Road and Auburn Road east of 3388 Auburn Road.

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style.

---

THOMAS A. TANGHE, CITY MANAGER

**CITY OF AUBURN HILLS  
TRAFFIC CONTROL ORDER**

**NO PARKING**

ORDER NO: NP - 06

DATE OF FILING: \_\_\_\_\_

IN ACCORDANCE WITH ORDINANCE 678 AS AMENDED, WE HAVE MADE AN INVESTIGATION OF TRAFFIC CONDITIONS ON:

Aimlee Lane  
Atlantic  
**Auburn Road**

**(Except in designed parking spaces; No parking from 3:00 am to 6:00 am between Churchill and Oakmont)**  
**(Parking will be restricted to a two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm between Churchill and Oakmont)**  
**(An anti-shuffling ordinance will prohibit someone from moving their vehicle to a different on-street parking space to start a new two-hour session. On-street parking will be limited to two-hours per day within the downtown district)**

Automation Drive  
Centre Drive  
Collier Road  
Churchill  
Cross Creek Parkway  
Doris Road  
Dexter Road  
Executive Hills Blvd.  
Featherstone Road  
Five Points Drive  
Galloway Court  
Giddings Road  
Great Lakes Crossing  
Guanonocque  
Harmon Road  
Hempstead  
High Meadow Circle  
Hill Road  
North Atlantic  
Pacific Drive  
Paldan  
Parklawn

(from Joslyn to the east for 150 feet, on the north side)

(from Walton Blvd. to Shimmons Road)

(on east die for two tenths of a mile)

(from Giddings to Joslyn Road)

(south side, for 150 feet west of Sheffield)

Pond Run	
Pontiac Road	
Primary	
Rosetta	
Sheffield	(west side, for 125 feet south from Hempstead)
Shimmons Road	(from 500 feet east of Dexter to 300 feet west of Davison)
<b>Parkways Blvd</b>	<b>North Squirrel Road to Auburn Road the 3 spaces are for loading/unloading only</b>
<b>Squirrel Road</b>	<b>(Except in designated parking spaces; No parking from 3:00 am to 6:00 am on North Squirrel Road between Auburn Road and Parkways Blvd)</b> <b>(Parking will be restricted to a two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm between Auburn Road and Parkways Blvd)</b> <b>(An anti-shuffling ordinance will prohibit someone from moving their vehicle to a different on-street parking space to start a new two-hour session. On-street parking will be limited to two-hours per day within the downtown district)</b>
Superior Court	
Taylor Road	(from Joslyn to Giddings)
Takata Drive	
Tebeau Court	(east side only)
University Drive	

AND AS A RESULT OF SAID INVESTIGATION, DO HEREBY DIRECT THAT:

**In the interest of public safety, it is deemed necessary to place and maintain traffic control devices and traffic control signals on streets and highways under its jurisdiction for the purpose of regulating, warning, or guiding traffic; therefore, no parking will be allowed on said roads and/or within the described areas.**

THIS ORDER SHALL EXPIRE 90 DAYS FROM THE DATE OF FILING, EXCEPT THAT UPON ITS APPROVAL BY CITY COUNCIL, IT SHALL NOT EXPIRE.

\_\_\_\_\_  
CHIEF OF POLICE

\_\_\_\_\_  
CITY MANAGER

APPROVED BY CITY COUNCIL: \_\_\_\_\_

\_\_\_\_\_  
DATE FILED

\_\_\_\_\_  
CITY CLERK



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7K**

**DEPARTMENT OF PUBLIC WORKS**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads**  
**Submitted: July 1, 2024**  
**Subject: Motion – Approval to Purchase a Replacement Tandem Axle Dump Truck**

### **INTRODUCTION AND HISTORY**

Budgeted in the 2025 Fleet Operating Budget is \$300,000.00 for the replacement of a 2005 single axle Sterling dump truck. The DPW fleet of 10 dump trucks is mostly geared toward winter operations; equipped with plows, scrapers, computer-controlled salt spreaders and liquid dispensing systems. Currently, there are two single axle dump trucks within the city's fleet, as the tandem axle trucks at the time purchased would not make the tight turns needed for clearing turnarounds. Since tandem axle trucks are now designed to make those tight turns, this replacement is an upgrade to allow for more material to be loaded at once. This means less trips for reloading salt and more efficiency during winter events. The anticipated replacement schedule is twenty years for a vehicle of this size. Sourcing parts for maintenance on the truck being replaced is becoming more difficult due to Sterling Trucks closing in 2009 (fifteen years ago). In addition, many of the repairs are larger repairs that take more time to repair and results in the truck being out of service for a much longer period of time. The 2005 Sterling being replaced will be sold through online auction 2-4 months after the arrival of the new truck (It will take time to strip the truck of decals and equipment, then it usually gets listed for at least a month to allow enough interest to build for it). The auction of a dump in this condition usually brings between \$8,000 and \$20,000 depending upon build, age, and market saturation at the time of auction.

As City Council may recall, in 2013 the Auburn Hills DPW along with eight other communities formed a purchasing consortium to build municipal trucks. Since that time the number of member communities has risen to 60. The City of Rochester Hills served as lead agency and RFP-RH-13-030 was awarded to Freightliner Trucks and Truck & Trailer Specialties in November 2013. The consortium purchasing bid has been highly successful with over 300 trucks and bodies purchased by Southeastern Michigan municipalities over the past four years. In 2020, Rochester Hills re-bid the purchase of single and tandem axle dump trucks RFP-RH-20-023 and it was awarded to Freightliner Trucks and Truck & Trailer Specialties.

Attached is a bid price for the cab and chassis from Wolverine Freightliner at a not-to-exceed cost of \$125,299.00 (Exhibit 1). The body build by Truck & Trailer Specialties is for a front snow blade mount, under-body scrapper blade, and a salt box & spreader with a pre-wet liquid system attachment at a bid price of \$165,015.00 (Exhibit 2). Total build price for this unit is \$290,314.00. This vehicle will be paid for in 2025 as it has a 12-16 month estimated build time.

### **STAFF RECOMMENDATION**

Staff recommends approving the purchase of a 2026 tandem axle cab and chassis from Wolverine Freightliner Eastside, Mt. Clemens, Michigan in the not-to-exceed amount of \$125,299.00, and the truck build from Truck & Trailer Specialists, Howell, Michigan in the amount of \$165,015.00 for a total of \$290,314.00. Funding is provided from the 2025 Fleet Management Account # 661-594-981.000.

**MOTION**

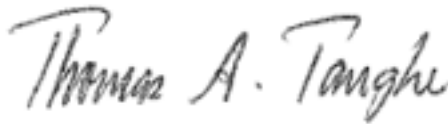
Move to approve the purchase of a 2026 tandem axle cab and chassis from Wolverine Freightliner Eastside, Mt. Clemens, Michigan in the amount of \$125,299.00, and the truck build from Truck & Trailer Specialists, Howell, Michigan in the amount of \$165,015.00 for a total of \$290,314.00.

**EXHIBITS**

Exhibit 1 – Wolverine Freightliner Quote

Exhibit 2 – Truck & Trailer Quote

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style. The first name "Thomas" is written with a large, prominent 'T'. The middle initial "A." is smaller and follows the first name. The last name "Tanghe" is written with a large, prominent 'T' and a long, sweeping tail that extends to the right.

---

THOMAS A. TANGHE, CITY MANAGER



107 S. Groesbeck • Mt. Clemens, MI 48043 • (586) 783-2444 FAX (586) 469-8054

6/24/2024

City of Auburn Hills  
RE: RH Co-Op Chassis Pricing

Attn: Jason Hefner

The following is 2026 Model Year, **Speculative**, Freightliner chassis pricing information per your request. Pricing and conditions are per the proposed Rochester Hills Co-op RFP-RH-20-023 agreement.

Tandem Axle 64,000 GVW

Chassis Model: 108SD Plus

Base Chassis Price (2021 Model Year): .....	\$97,183
Model Year 2022.....	900 add
Model Year 2023 .....	1,000 Add
2023 pricing surcharge .....	\$6,700 Add
2024 Pricing & Surcharges .....	\$5,925 Add
<b>2025 Model &amp; Surcharge not to exceed</b> .....	<b>\$5,500 Add</b>
<b>Freightliner 108SD Plus upgrade</b> .....	<b>\$2,000 Add</b>
2026 Model year increase .....	\$1,500 Add
Cummins 370 HP upgrade .....	\$2,869 Add
¼" inner frame reinforcement .....	\$ 600 Add
Davco 245 Fuel/Water Separator .....	\$ 206 Add
Fender Extenders.....	\$ 50 Add
Power windows & locks.....	\$ 219 Add
Driver's seat, 3 chamber upgrade.....	\$ 134 Add
6 pack of switches.....	\$ 208 Add
Cooling System, Ext warranty, 5yr/100k .....	\$ 305 Add

**TOTAL: Not to exceed \$ 125,299 each**

If the actual price increase is less than anticipated, your total cost will be adjusted accordingly.

Steven Sexton  
Municipal Sales Manager  
Wolverine Truck Group

**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description
<b>Price Level</b>	
PRL-28D	SD PRL-28D (EFF:MY25 ORDERS)
<b>Data Version</b>	
DRL-048	SPECPRO21 DATA RELEASE VER 048
<b>Vehicle Configuration</b>	
001-176	108SD PLUS CONVENTIONAL CHASSIS
004-225	2026 MODEL YEAR SPECIFIED
002-004	SET BACK AXLE - TRUCK
019-008	TRAILER TOWING PROVISION AT END OF FRAME WITH SAE J560, WITHOUT END OF FRAME AIR CONNECTIONS
003-001	LH PRIMARY STEERING LOCATION
<b>General Service</b>	
AA1-002	TRUCK CONFIGURATION
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
99D-027	EPA EMISSIONS CERTIFICATION FOR REGISTRATION IN EPA OR ACT STATES - EPA CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD OF DRIVER DOOR)
AF2-998	NONE
A85-010	UTILITY/REPAIR/MAINTENANCE SERVICE
A84-1GM	GOVERNMENT BUSINESS SEGMENT
AA4-010	DIRT/SAND/ROCK COMMODITY
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS
AB1-008	MAXIMUM 8% EXPECTED GRADE



**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE
995-1A0	FREIGHTLINER SD VOCATIONAL WARRANTY
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 18000.0 lbs
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 46000.0 lbs
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 64000.0 lbs

#### Truck Service

AA3-073	BELLY PLOW BODY WITH HIGH GROUND CLEARANCE
AF3-2A8	TRUCK AND TRAILER SPECIALTIES INC.

#### Engine

101-3BU	CUM L9 370 HP @ 2100 RPM; 2100 GOV RPM, 1250 LB-FT @ 1200 RPM
---------	---

#### Electronic Parameters

79A-070	70 MPH ROAD SPEED LIMIT
79B-000	CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT
79Q-007	PTO RPM WITH CRUISE RESUME SWITCH - 1100 RPM
79U-007	PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND
79W-024	CRUISE CONTROL BUTTON PTO CONTROL
80G-002	PTO MINIMUM RPM - 700
80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH
80V-002	ENGINE MOUNT PTO, DASH SWITCH ENGAGES PTO MODE, DRIVING OPERATION

#### Engine Equipment

99C-024	EPA 2010/GHG 2024 CONFIGURATION
13E-001	STANDARD OIL PAN
105-015	OIL FILL AND DIPSTICK LOCATED FOR ENHANCED SERVICEABILITY
014-1B5	SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE
292-206	(3) DTNA GENUINE, FLOODED STARTING, MIN 2850CCA, 525RC, THREADED STUD BATTERIES



**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

	Data Code	Description
	290-017	BATTERY BOX FRAME MOUNTED
	281-001	STANDARD BATTERY JUMPERS
	282-003	SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB
	291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN
	289-011	NON-POLISHED BATTERY BOX COVER WITH TETHER
	293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT
	295-029	POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER
	306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS
	107-032	CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE
	152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM
	128-076	CUMMINS ENGINE INTEGRAL BRAKE WITH VARIABLE GEOMETRY TURBO ON/OFF
N	016-1C0	RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT SYSTEM ASSEMBLY WITH TOPSTACK
	28F-014	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER
	239-026	10 FOOT 06 INCH (126 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT
	237-1CU	RH CURVED TOPSTACK
	23U-001	6 GALLON DIESEL EXHAUST FLUID TANK
	30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL
	23Y-002	DIESEL EXHAUST FLUID PUMP MOUNTED AFT OF DIESEL EXHAUST FLUID TANK
	43X-003	LH FORWARD FACE OF DIESEL EXHAUST FLUID TANK 24 TO 28 INCHES BACK OF CAB
	43Y-001	STANDARD DIESEL EXHAUST FLUID TANK CAP
	242-001	STAINLESS STEEL AFTERTREATMENT DEVICE/MUFFLER/TAILOPIPE SHIELD
	273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH
	276-002	AUTOMATIC FAN CONTROL WITH DASH SWITCH AND INDICATOR LIGHT, NON ENGINE MOUNTED

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

Data Code	Description
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER
266-104	1115 SQUARE INCH ALUMINUM RADIATOR
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT
172-001	CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES
270-016	RADIATOR DRAIN VALVE
360-016	1310 ADAPTER FLANGE FOR FRONT PTO PROVISION
132-004	ELECTRIC GRID AIR INTAKE WARMER
155-058	DELCO 12V 38MT HD STARTER WITH INTEGRATED MAGNETIC SWITCH

#### Transmission

342-582	ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION
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#### Transmission Equipment

343-339	ALLISON VOCATIONAL PACKAGE 223 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODELS RDS, HS, MH AND TRV
84B-012	ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES
84C-023	PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84D-023	SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY
84E-000	PRIMARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84F-000	SECONDARY SHIFT SCHEDULE RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84G-000	PRIMARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE
84H-000	SECONDARY SHIFT SPEED RECOMMENDED BY DTNA AND ALLISON, THIS DEFINED BY ENGINE AND VOCATIONAL USAGE

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

Data Code	Description
84K-002	2ND GEAR ENGINE BRAKE ALTERNATE PRESELECT WITH MODERATE DOWNSHIFT STRATEGY
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
84V-001	DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS
353-076	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH BLUNTCUTS
34C-011	ELECTRONIC TRANSMISSION WIRING TO CUSTOMER INTERFACE CONNECTOR
341-018	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN
345-003	PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED
97G-004	TRANSMISSION PROGNOSTICS - ENABLED 2013
370-015	WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK
346-003	TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK
35T-001	SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)

### Front Axle and Equipment

400-1AB	CUMMINS-MERITOR MFS-18-133A 18,000# FL1 71.0 INCH KPI/3.74 INCH DROP SINGLE FRONT AXLE
402-030	MERITOR 16.5X6 Q+ CAST SPIDER CAM FRONT BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
403-002	NON-ASBESTOS FRONT BRAKE LINING
419-023	CONMET CAST IRON FRONT BRAKE DRUMS
427-001	FRONT BRAKE DUST SHIELDS
409-006	FRONT OIL SEALS
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES
405-003	HALDEX AUTOMATIC FRONT SLACK ADJUSTERS
406-001	STANDARD KING PIN BUSHINGS
536-012	TRW TAS-85 POWER STEERING

**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
533-001	OIL/AIR POWER STEERING COOLER
40T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 FRONT AXLE LUBE

#### Front Suspension

620-005	18,000# FLAT LEAF FRONT SUSPENSION
619-004	GRAPHITE BRONZE BUSHINGS WITH SEALS - FRONT SUSPENSION
410-001	FRONT SHOCK ABSORBERS

#### Rear Axle and Equipment

420-111	CUMMINS-MERITOR RT-46-160P 46,000# R- SERIES TANDEM REAR AXLE WITH PUMP
421-563	5.63 REAR AXLE RATIO
424-001	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING
386-074	MXL 176T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES
388-073	MXL 17T MERITOR EXTENDED LUBE INTERAXLE DRIVELINE WITH HALF ROUND YOKES
452-006	DRIVER CONTROLLED TRACTION DIFFERENTIAL - BOTH TANDEM REAR AXLES
878-022	(1) INTERAXLE LOCK VALVE, (1) DRIVER CONTROLLED DIFFERENTIAL LOCK FORWARD- REAR AXLE VALVE AND (1) REAR-REAR AXLE VALVE
87A-005	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH
87B-015	INDICATOR LIGHT FOR EACH DIFFERENTIAL LOCKOUT SWITCH, ENGAGE <5 MPH, DISENGAGE >25 MPH
423-020	MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES
433-002	NON-ASBESTOS REAR BRAKE LINING
434-003	STANDARD BRAKE CHAMBER LOCATION
451-023	CONMET CAST IRON REAR BRAKE DRUMS
425-002	REAR BRAKE DUST SHIELDS
440-006	REAR OIL SEALS
426-1B3	BENDIX EVERSURE LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS

**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE
42T-001	STANDARD REAR AXLE BREATHER(S)

#### Rear Suspension

622-1H2	HENDRICKSON PRIMAAX EX 46,000# REAR AIR SUSPENSION
621-125	HENDRICKSON PRIMAAX 10.00" RIDE HEIGHT
431-003	AXLE CLAMPING GROUP
624-011	52 INCH AXLE SPACING
888-077	IGNITION CONTROLLED ELECTRIC DUMP SWITCH FOR AIR SUSPENSION WITH STATE RETENTION
87D-012	REAR AIR SUSPENSION DUMP VALVE AUTOFILL >5 MPH WITH INDICATOR LIGHT
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE
623-002	TRANSVERSE CONTROL RODS
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)

#### Pusher / Tag Equipment

429-998	NO PUSHER/TAG BRAKE DUST SHIELDS
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#### Brake System

490-100	WABCO 4S/4M ABS
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES
904-001	FIBER BRAID PARKING BRAKE HOSE
412-001	STANDARD BRAKE SYSTEM VALVES
46D-002	STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM
413-002	STD U.S. FRONT BRAKE VALVE
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER
479-015	AIR DRYER FRAME MOUNTED
460-1AE	STEEL AIR TANKS MOUNTED FOR MAX GROUND CLEARANCE, (BELLY PLOW - AA3-073)
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)

#### Trailer Connections

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

	Data Code	Description
	481-998	NO TRAILER AIR HOSE
	476-998	NO AIR HOSE HANGER
	919-065	(3) QUICKFIT PROGRAMMABLE SOLENOIDS W/STATE RETENTION PLUMBED TO BACK OF CAB
	296-027	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR COMBINATION STOP/TURN, CENTER PIN POWERED THROUGH IGNITION WITH STOP SIGNAL PREWIRE PACKAGE
N	297-132	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED BACK OF CAB/BACK OF SLEEPER
	303-025	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME
	310-998	NO TRAILER ELECTRICAL CABLE

#### Wheelbase & Frame

545-512	5125MM (202 INCH) WHEELBASE
546-102	7/16X3-9/16X11-1/8 INCH STEEL FRAME (11.11MMX282.6MM/0.437X11.13 INCH) 120KSI
547-001	1/4 INCH (6.35MM) C-CHANNEL INNER FRAME REINFORCEMENT
548-803	TEM TO EVALUATE AND INSTALL FRAME RAIL REINFORCEMENT AS NEEDED FOR FRONT FRAME MOUNTED EQUIPMENT
552-030	1600MM (63 INCH) REAR FRAME OVERHANG
55W-006	FRAME OVERHANG RANGE: 61 INCH TO 70 INCH
549-002	24 INCH INTEGRAL FRONT FRAME EXTENSION
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 136.22 in
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 113.78 in
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 329.92 in
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 62.62 in
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 77.16 in
553-001	SQUARE END OF FRAME
587-003	REAR TOW HOOKS
550-001	FRONT CLOSING CROSSMEMBER
559-003	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)
572-001	STANDARD REARMOST CROSSMEMBER

**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER
<b>Chassis Equipment</b>	
556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
558-001	FRONT TOW HOOKS - FRAME MOUNTED
585-998	NO MUDFLAP BRACKETS
590-998	NO REAR MUDFLAPS
551-002	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE
<b>Fifth Wheel</b>	
578-998	NO FIFTH WHEEL
<b>Fuel Tanks</b>	
204-215	50 GALLON/189 LITER SHORT RECTANGULAR ALUMINUM FUEL TANK - LH
218-005	RECTANGULAR FUEL TANK(S)
215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS
212-011	FUEL TANK(S) FORWARD - RAISED MOUNTING
664-001	PLAIN STEP FINISH
205-001	FUEL TANK CAP(S)
122-1H8	DAVCO 245 FUEL/WATER SEPARATOR WITH 12 VOLT HEAT AND WATER IN FUEL SENSOR
216-020	EQUIFLO INBOARD FUEL SYSTEM
202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE
<b>Tires</b>	
093-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES
094-17X	MICHELIN X MULTI D+ 11R22.5 16 PLY RADIAL REAR TIRES
<b>Hubs</b>	
418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS
<b>Wheels</b>	

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

Data Code	Description
502-579	MAXION WHEELS 10041 22.5X9.00 10-HUB PILOT 5.25 INSET 5-HAND STEEL DISC FRONT WHEELS
505-545	MAXION WHEELS 90260 22.5X8.25 10-HUB PILOT 2-HAND HD STEEL DISC REAR WHEELS
496-011	FRONT WHEEL MOUNTING NUTS
497-011	REAR WHEEL MOUNTING NUTS

### Cab Exterior

829-1A5	108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
650-008	AIR CAB MOUNTING
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE
667-037	SHORT FENDER WITH MUDFLAP
754-017	BOLT-ON MOLDED FLEXIBLE FENDER EXTENSIONS
678-001	LH AND RH GRAB HANDLES
646-041	STATIONARY BLACK GRILLE
65X-004	BLACK HOOD MOUNTED AIR INTAKE GRILLE
644-006	FIBERGLASS HOOD WITH ACCESS HATCHES
690-002	TUNNEL/FIREWALL LINER
727-066	DUAL 26 INCH RECTANGULAR POLISHED ALUMINUM AIR HORNS ROOF MOUNTED
726-001	SINGLE ELECTRIC HORN
728-002	DUAL HORN SHIELDS
575-001	REAR LICENSE PLATE MOUNT END OF FRAME
312-068	HALOGEN COMPOSITE HEADLAMPS WITH BLACK BEZELS
* 302-047	LED AERODYNAMIC MARKER LIGHTS
	NEED CODE 302-074
314-824	WIRING AND SWITCH FOR CUSTOMER FURNISHED SNOW PLOW LAMPS WITH DUAL CONNECTIONS AT BUMPER
311-001	DAYTIME RUNNING LIGHTS
294-1AY	INTEGRAL LED STOP/TAIL/BACKUP LIGHTS
300-015	STANDARD FRONT TURN SIGNAL LAMPS
744-1BC	DUAL WEST COAST BRIGHT FINISH HEATED MIRRORS WITH LH AND RH REMOTE
797-001	DOOR MOUNTED MIRRORS
796-001	102 INCH EQUIPMENT WIDTH



**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
743-204	LH AND RH 8 INCH BRIGHT FINISH CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS
74A-001	RH DOWN VIEW MIRROR
729-001	STANDARD SIDE/REAR REFLECTORS
677-062	FIXED CAB MOUNTED STEPS LH AND RH FOR CAB ENTRY, BELLY PLOW BODY WITH HIGH GROUND CLEARANCE DOES NOT COMPLY FMCSR 399
768-043	63X14 INCH TINTED REAR WINDOW
661-004	TINTED DOOR GLASS LH AND RH WITH TINTED OPERATING WING WINDOWS
654-011	RH AND LH ELECTRIC POWERED WINDOWS
663-029	1-PIECE BONDED HEATED WIPER PARK SOLAR GREEN GLASS WINDSHIELD
659-006	8 LITER (2 GAL) WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITH FLUID LEVEL INDICATOR

#### Cab Interior

055-018	ELITE TRIM PACKAGE
707-106	MIST CLOTH & CARBON VINYL INTERIOR "ELITE"
70K-019	CARBON WITH PREMIUM WOOD ACCENT (ELITE)
706-013	MOLDED PLASTIC DOOR PANEL
708-013	MOLDED PLASTIC DOOR PANEL
772-006	BLACK MATS WITH SINGLE INSULATION
785-026	(1)DASH MOUNTED 12V POWER OUTLET, (1)DASH MOUNTED DUAL USB-C OUTLET
691-001	FORWARD ROOF MOUNTED CONSOLE
696-012	CENTER STORAGE CONSOLE MOUNTED ON BACKWALL
693-035	LH AND RH KICKPLATES
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY
742-007	(2) CUP HOLDERS LH AND RH DASH
680-029	M2/SD DASH
700-002	HEATER, DEFROSTER AND AIR CONDITIONER
701-001	STANDARD HVAC DUCTING
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH
170-015	STANDARD HEATER PLUMBING

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

Data Code	Description
130-041	VALEO HEAVY DUTY A/C REFRIGERANT COMPRESSOR
702-002	BINARY CONTROL, R-134A
739-033	STANDARD INSULATION
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM
324-1B3	STANDARD LED CAB LIGHTING
787-998	NO SECURITY DEVICE
657-001	DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME
78G-004	KEY QUANTITY OF 4
655-005	LH AND RH ELECTRIC DOOR LOCKS
756-339	PREMIUM ISRINGHAUSEN HIGH BACK AIR SUSPENSION DRIVERS SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK
760-335	BASIC ISRI HIGH BACK NON SUSPENSION PASSENGER SEAT
711-004	LH AND RH INTEGRAL DOOR PANEL ARMRESTS
758-022	BLACK MORDURA CLOTH DRIVER SEAT COVER
761-023	BLACK MORDURA CLOTH PASSENGER SEAT COVER
763-104	HIGH VISIBILITY ORANGE SEAT BELTS WITH DRIVER INDICATOR LIGHT AND AUDIBLE ALARM
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN
540-070	4-SPOKE 18 INCH (450MM) LEATHER WRAPPED STEERING WHEEL WITH CHROME SWITCH BEZELS
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS

### Instruments & Controls

*	4CH-006	6 EXTRA PROGRAMMABLE SWITCHES/INDICATORS
		\$C1B0208ZZ,C1C0209ZZ,C1D0200ZZ,C1E0205ZZ,C1F0082ZZ,C1G0083ZZ
	106-002	ELECTRONIC ACCELERATOR CONTROL
	732-998	NO INSTRUMENT PANEL-DRIVER
	734-022	FULLY CONFIGURABLE CENTER INSTRUMENT PANELS
	87L-001	ENGINE REMOTE INTERFACE WITH PARK BRAKE INTERLOCK

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
 Phone: 248-841-2537

**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

	Data Code	Description
	870-002	BRIGHT ARGENT FINISH GAUGE BEZELS
	486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM
	840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE
	198-003	DASH MOUNTED AIR RESTRICTION INDICATOR WITH GRADUATIONS
	149-015	ELECTRONIC CRUISE CONTROL WITH CONTROLS ON STEERING WHEEL SPOKES
	156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY
	811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY
	81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
	160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
	844-001	2 INCH ELECTRIC FUEL GAUGE
	148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS
	48H-002	QUICKFIT POWERTRAIN INTERFACE CONNECTOR LOCATED BETWEEN SEATS WITH BLUNTCUTS
N	48C-004	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH BLUNTCUTS
	856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE
	852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
	864-001	2 INCH TRANSMISSION OIL TEMPERATURE GAUGE
	867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER
	830-017	ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY
	372-123	PTO CONTROLS FOR ENHANCED VEHICLE ELECTRIC/ELECTRONIC ARCHITECTURE
	736-998	NO OBSTACLE DETECTION SYSTEM
	72J-998	NO DR ASSIST SYSTEM
	49B-998	NO VEHICLE STABILITY ADVISOR OR CONTROL
	73B-998	NO LANE DEPARTURE WARNING SYSTEM
	72K-998	NO REVERSE PROXIMITY SENSOR

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
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**Prepared by:**  
 Steven Sexton  
 WOLVERINE FREIGHTLINER  
 EASTSIDE INC  
 107 SOUTH GROESBECK  
 HIGHWAY  
 MOUNT CLEMENS, MI 48043  
 Phone:

Data Code	Description
679-998	NO OVERHEAD INSTRUMENT PANEL
35M-011	1 QUIKFIT PROGRAMABLE MODULE (QPM/XMC) W/ (4) 20AMP FUSED RELAYS
746-137	AM/FM/WB WORLD TUNER RADIO WITH BLUETOOTH, USB AND AUXILIARY INPUTS, J1939
747-001	DASH MOUNTED RADIO
750-002	(2) RADIO SPEAKERS IN CAB
753-001	AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF
749-998	NO CB RADIO MOUNTING PROVISION
74D-006	STANDARD RADIO WIRING WITH STEERING WHEEL CONTROLS
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER
817-001	STANDARD VEHICLE SPEED SENSOR
812-001	ELECTRONIC 3000 RPM TACHOMETER
813-1C8	DETROIT CONNECT PLATFORM HARDWARE
8D1-313	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE ON (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT ON CUMMINS ENGINES
6TS-008	(2) TMC RP1226 ACCESSORY CONNECTORS: (1) LOCATED BEHIND PASSENGER SIDE REMOVABLE DASH PANEL (1) CENTER OF OVERHEAD CONSOLE
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP
329-130	ONE EXTRA HARDWIRED SWITCH IN DASH, ROUTE TO BETWEEN SEATS, BLUNTCUT
4C1-005	HARDWIRE SWITCH #1, ON/OFF MOMENTARY, 20 AMPS IGNITION POWER
4C2-998	NO HARDWIRE SWITCH #2
4C3-998	NO HARDWIRE SWITCH #3
4C4-998	NO HARDWIRE SWITCH #4
264-030	(1) OVERHEAD MOUNTED LANYARD CONTROL FOR DRIVER AIR HORN
883-998	NO TRAILER HAND CONTROL BRAKE VALVE
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY

**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**  
Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

Data Code	Description
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS
882-009	ONE VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY
87T-998	NO WRG/SW-OPTL #2, CHAS, AIR

#### Design

065-000	PAINT: ONE SOLID COLOR
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#### Color

980-5E7	CAB COLOR A: L0789EY OMAHA ORANGE ELITE EY
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT
962-972	POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
966-972	POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)
963-003	STANDARD E COAT/UNDERCOATING

#### Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS
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#### Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED	
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#### Extended Warranty

WAI-47H	CUM 2017 L9: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES
WAX-101	CUM 2017 L9: AT3 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM AFTERTREATMENT. FEX APPLIES
WAD-079	COOLING: MD MODERATE 5 YEAR/100,000 MIL3ES/161,000 KM EXTENDED COVERAGE
WAK-251	ALLISON 3000 RDS SERIES TRANSMISSION EXTEND WARRANTY, 5 YEARS/UNLIMITED MILES FEX
WAG-075	TOWING: 2 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$750 CAP FEX APPLIES

**Prepared for:**

Lisa Cummins  
ROCH HILLS COOP  
1000 Rochester Hills  
Rochester Hills, MI 48309  
Phone: 248-841-2537

**Prepared by:**

Steven Sexton  
WOLVERINE FREIGHTLINER  
EASTSIDE INC  
107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

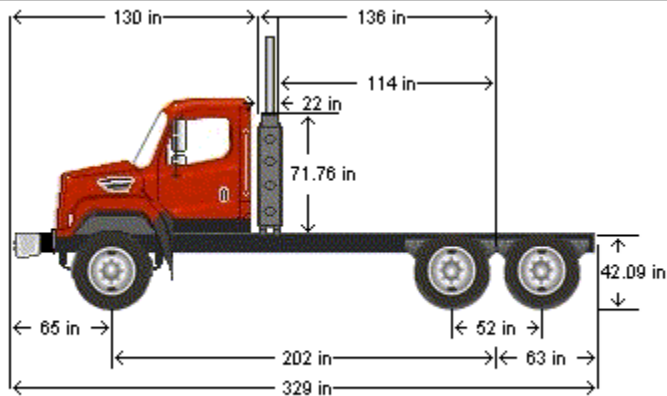
(\*\*\*) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.



**Prepared for:**  
Lisa Cummins  
ROCH HILLS COOP  
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107 SOUTH GROESBECK  
HIGHWAY  
MOUNT CLEMENS, MI 48043  
Phone:

## DIMENSIONS



### VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS

Wheelbase (545) .....5125MM (202 INCH) WHEELBASE  
Rear Frame Overhang (552)..... 1600MM (63 INCH) REAR FRAME OVERHANG  
Fifth Wheel (578) ..... NO FIFTH WHEEL  
Mounting Location (577) ..... NO FIFTH WHEEL LOCATION  
Maximum Forward Position (in).....0  
Maximum Rearward Position (in) .....0  
Amount of Slide Travel (in).....0  
Slide Increment (in).....0  
Desired Slide Position (in).....0.0  
Cab Size (829)..... 108 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
Sleeper (682).....NO SLEEPER BOX/SLEEPER CAB  
Exhaust System (016) .....RH OUTBOARD FRAME MOUNTED VERTICAL AFTERTREATMENT SYSTEM ASSEMBLY WITH TOPSTACK

**Prepared for:**  
 Lisa Cummins  
 ROCH HILLS COOP  
 1000 Rochester Hills  
 Rochester Hills, MI 48309  
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## TABLE SUMMARY - DIMENSIONS

Dimensions	Inches
Bumper to Back of Cab (BBC)	130.1
Bumper to Centerline of Front Axle (BA)	64.6
Front Axle to Back of Cab (AC)	65.6
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	136.2
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	113.8
Back of Cab Protrusions (Exhaust/Intake) (CP)	24.4
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	22.4
Back of Cab to End of Frame	199.2
Cab Height (CH)	71.8
Wheelbase (WB)	201.8
Frame Overhang (OH)	63.0
Overall Frame Length	329.9
Overall Length (OAL)	329.3
Rear Axle Spacing	52.0
Unladen Frame Height at Centerline of Rear Axle	42.1

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



# TRUCK & TRAILER *Specialties, Inc.*

900 Grand Oaks Drive | Howell, MI 48843 | [www.ttspec.com](http://www.ttspec.com) | ph: (517) 552-3855 | fx: (517) 552-3666

**June 27, 2024**

City of Auburn Hills  
1500 Brown Road, Auburn Hills, MI 48326  
Attn: Jason Hefner, ph: (248) 520-1164  
HQ0004375

## Equipment Quotation

The following pricing will be based on City of Rochester Hills RFP-RH-20-023 contract awarded September 2020

**Install Monroe 14' Rear Discharge RDS model RDS-168-96-56 body including the following:**

- 201 stainless steel construction
- 3/16" sides and ends, 44" high sides, 50" high tailgate
- ¼" longsills and auger trough
- Conveyor trough is 34" wide
- 667XH chain with crossbars on every-other link/4.5" centers
- High-temp belt-over-chain attached to every bar with minimum of 6 stainless bolts and washers
- Heavy-duty chain shields with heavy-duty rubber wipers
- Twin Rawson-type 6:1 gear boxes
- 8-tooth hardened sprockets with 2" drive and idler shafts for the conveyor
- Drive motors are each 17.9 CID
- Application-rate sensor in one motor
- Double-acting tailgate, air latch and release cylinders in corner posts – with feed gate
- ½ x 10-gauge cabshield, installed
- Body mounted fender kit, installed – tandem fenders
- Front and rear grease extension kits, installed
- Rear posts without light cut-outs
- Mailhot trunnion-mount hoist, double-acting all stages, rear hinge, and safety props
- Install fold-down stainless steel ladder assembly - install on left front corner of the body
- Install one (1) stainless steel shovel holder on body bulkhead, passenger-side
- Receiver-type Rear Spinner Assembly, unpainted stainless steel
- Install grab handles to the Rear Spinner Assembly to aide removal
- Route spinner hoses around left side
- Paint body Orange to match the cab
- Install mudflaps in front of and behind the drive tires

**Install Monroe Closed-loop Pre-Wet System including the following:**

- 7 GPM pump, no valve, Dickey-john flow meter in fiberglass enclosure
- 201 stainless steel enclosure mount for RDS
- Tank kit, dual 150-gallon tanks with crossover kit, installed on fenders
- Bulk fill kit
- Flush kit
- Remote vent kit
- Spray nozzles at spinner disc
- Monroe to install tanks, crossover and vent kits
- Mount the pre-wet pump on the right side behind the tank

**Install Roll-Rite Electric Tarp System including the following:**

- Aluminum tarp and tension arms with off-set elbows

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Aluminum wind deflector

Direct drive motor

Mesh-type tarp cover

**Install Central Hydraulic System with Air-Controlled Pneu-Logic Joystick including the following:**

**Rexroth Front-mounted Load-sense Piston Pump** A10V0100DFR1/31L-PKC62N00

Pump is 100CC displacement

Front crossmember for pump mounting

Spicer drive line with companion flange for easy removal

Low oil shutdown valve and override circuit

**Rexroth 8m4-12 load-sense hydraulic valve** with pressure-compensated flow controls for the following functions:

Air section for scraper up/down with 500 PSI A- port load-sense limit

Air section for scraper swing

Air section for front plow

Air section for front plow angle

Air section for dump box hoist with 500 PSI A- port load-sense limit

EPC section for conveyor

EPC section for spinner

EPC section for pre-wet

Schedule 80, type 304 stainless steel pipe for spreader circuit plumbing to the rear of the chassis

All necessary hoses and fittings

Stainless steel hydraulic couplers for spreader circuit disconnect, front plow reverse circuit & wing circuits

**Install Rexroth CS660 Electric Spreader Controller including the following:**

Touch screen monitor

Closed-loop operation for spreader, spinner and pre-wet operations

Programmable blast and pause wired to Pneu-Logic button controls

Data download and programming is with a thumb drive

Wi-Fi and GPS antennas and cables included

Training is included

**Install RoadWatch Temperature Sensor and wire into the CS660 Controller**

**Install TTS Pneu-Logic single air joystick control with console in the cab including the following:**

Heads-up display on dash

6-button single joystick controller

8-station air manifold valve

Color-coded air lines to valve

Armrest console with base mount

Function switches located in the armrest console

**Install Monroe Combination Hydraulic Oil Reservoir/Valve Enclosure including the following:**

7-gauge type 201 stainless steel construction (mos. 00141843 & 15570)

40-gallon oil capacity filled with 35-gallon AW32 hydraulic oil

Valve enclosure will be installed on the streetside of the combo tank with a lockable "T" handle latch

5 PSI pressurized tank cap on hydraulic tank

3" supply port on hydraulic tank with 3" x 2" suction strainer

2" ball valve shut-off for supply line to the hydraulic pump

¾" case drain shut-off

Tank-mounted return line oil filter

Ball valve shut-offs on both fuel supply and return lines

Low-oil sensor mounted in the top of the tank

Sight gauge/Temperature gauge

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Tank labels

All necessary hoses and fittings

**Install Stainless steel step mounted on the end of the tank mounting bracket assembly**

**Install Monroe 34" Husting-type Hitch including the following:**

Mount at 38-39" pin height

Tapered front bumper

No steps at corner

Relocate tow hooks on kicker legs

Install cushion valve at behind bumper with couplers extending through the bumper, driver-side

Install bar grating cover over the pump only, painted Black

**Install Monroe 12' model MS4512 Underbody Scraper including the following:**

1" thick x 20" high moldboard

½" thick hanger board with grease manifold brackets installed

2-1/2" O.D. hinge shaft

Two heavy-duty shock absorbers

Bolt-in trunnion caps for canisters; Outer arm remains bolt-on style

Two 3-1/2" x 10" actuating cylinders; Socatri rods

Cushion valve

1" solid circle with 5" center pin

Center pin is piloted into hanger board

Two 4" x 12" reversing cylinders; Socatri rods

Three hinge anchor points

Hydraulic pipes

20.5" x 7" poly hold-down blocks

Mounting hardware

Parts-installation manual

Hose kit and j-50 type relief valve

¾" solid hanger plates

Grease line kit with manifolds

Install Ray Stop moldboard protection kit

Install Kennametal single-insert carbide cutting edges

Install two (2) Kennametal D-shaped carbide curbguards one each end of the moldboard

Install serrated grating step on driver-side of moldboard

Paint ends of moldboard Orange

**Install Custom Lighting & Electrical System including the following:**

Install plow lights with aluminum mounting brackets on hood at approx. 77" to base of plow lights

OEM switches will control emergency lighting and work lights

Pneu-Logic control console with switches (L-R) for:

1. Pump low oil override switch/shutdown switch
2. Tarp open/close switch
3. Camera air switch
4. Air tailgate switch with safety cap

Heads-up display includes low oil, pump shutdown and body up lights with function lights for Pneu-Logic controller

Solenoid controlled fuse box for accessory circuits

Four (4) SoundOff LED mPower (mo. EMPS20V38-P) amber/green flashers mounted:

Two (2) front-facing on tarp system wind deflector

Two (2) side-facing at front of dump on brackets

4-hole tapered stainless steel light boxes mounted on rear pillar posts including:

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Two (2) SoundOff LED amber flashers mounted in top holes of the light boxes  
Two (2) SoundOff LED stop/turn/tail lights mounted in 2<sup>nd</sup> holes of the light boxes  
Two (2) SoundOff LED backup lights mounted in 3<sup>rd</sup> holes of the light boxes  
Two (2) SoundOff LED green lights mounted in the bottom holes of the light boxes

Two (2) Maxxima 4" LED work lights mounted above the scraper  
Two (2) Maxxima 4" LED work lights mounted below the spreader assembly  
Ground wire for lights routed to firewall and connect to a protected independent ground point  
Proximity switch for dump body-up light  
Betts junction box mounted at the rear of the dump body  
Backup alarm included

**Install Voyager Rearview Camera with Wash System including the following:**

System tying into chassis wiper fluid reservoir  
Chassis wiper controls for activating wash system, momentary in-cab switch for air puffer  
Air puffer & washer fluid tubing  
VCMS24B color camera, high performance and waterproof, mounted in rear sill of RDS  
MSF5000 stainless steel camera box  
CEC34L1 loomed 34' main cable for monitor  
VOSHD6MNT double-knuckle monitor mount  
VOM719WP 7" LCD color monitor, waterproof, mounting location TBD

**Install Rear Hitch Plate ¾" Steel with side supports including the following:**

PH-20 pintle hook, multi-drill hitch plate for adjustable mounting  
D-rings for safety chains  
7-way RV flat pin trailer plug  
Rear tow hooks on frame rails

**Install Electric Brake Controller**

**Install Minimizer Floor Mats for Freightliner 108 SD (mo. FKFRTL2B-MIN / 10002265)**

**Paint Bottom of the body, body hinge, body props, and attaching hardware painted Black**  
**Paint RDS Body Orange to match the cab**

**Chassis requirements to be confirmed at time of order:**

CT: 136"  
Highest ground clearance package  
Battery disconnect switch in floor, outboard of driver seat  
Vertical DPF and SCR behind the cab  
6-gallon DEF mounted 24"-28" back of cab  
DEF pump mounted aft of DEF tank  
Front of engine PTO  
Rear air suspension  
52" rear axle spacing  
Trailer pre-wire package to end of frame for Electric Trailer Brakes  
Front frame extension  
Delete OEM front bumper  
Rear & front tow hooks  
Rectangular 50-gallon fuel tank under driver's door, raised mounting  
Stationary grille  
Fixed cab steps LH & RH, raised mounting  
6 analog dash switches  
Plow light/headlight switch and related wiring

# TRUCK & TRAILER *Specialties, Inc.*

900 Grand Oaks Drive | Howell, MI 48843 | [www.ttspec.com](http://www.ttspec.com) | ph: (517) 552-3855 | fx: (517) 552-3666

**Above installed & painted pricing:**                      **\$165,015.00 ea.**

Minimum full 1-year warranty on parts and labor on all equipment.

**Payment Terms:** Net 30. Pricing effective for 30 days.

Pricing does not include any of the Rochester Hills RFQ discounts that may be applicable.

2% discount off total taken at invoice if payment received within 30 days.

**FOB:**                      City of Auburn Hills

**Delivery:**              14-16 months ARO, depending on chassis arrival

**Thank you for the opportunity to quote.**

Respectfully submitted by,  
Jon Luea/Brian Bouwman



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7L**

**DEPARTMENT OF PUBLIC WORKS**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads**  
**Submitted: July 1, 2024**  
**Subject: Motion – Approve a Utility Crane Truck Upfit for a 2024 RAM 5500 Chassis**

### **INTRODUCTION AND HISTORY**

Budgeted within the 2024 Fleet Operating Budget is \$60,000 for the crane and utility body truck upfit of a 2024 RAM 5500 cab and chassis. At the July 10, 2023 City Council meeting, the City Council approved the purchase of two RAM 5500 cab and chassis replacements for the Department of Public Work's Public Utilities division. These chassis will replace a dump truck and a utility crane truck. With the chassis on order, staff has worked with Truck & Trailer Specialties to get quotes for both upfits. The dump truck is a more traditional upfit and was an easy quote to produce, approved at the April 1, 2024 meeting. For the utility crane truck, rust has been a big issue in the past. A fiberglass body is being considered to help eliminate the rust issue, but it has taken longer to price. Once this upfit has been completed, the 2014 RAM crane truck will be sold through online auction 2-4 months after the arrival of the new truck (It will take time to strip the truck of decals and equipment, then it usually gets listed for at least a month to allow enough interest to build for it). The auction of a crane truck in this condition usually brings between \$8,000 and \$20,000 dependent on build, age, and market saturation at the time of auction.

As the City Council may recall, in 2013 the Auburn Hills DPW along with eight other communities formed a purchasing consortium to build municipal trucks. Since that time the number of members has risen to 60. The City of Rochester Hills served as lead agency and RFP-RH-13-030 was awarded to Freightliner Trucks (for large chassis) and Truck & Trailer Specialties (for chassis upfits) in November 2013. The consortium purchasing bid has been highly successful with over 300 trucks and bodies purchased by Southeastern Michigan municipalities over the past four years. In 2020, Rochester Hills re-bid the purchase of single and tandem axle dump trucks RFP-RH-20-023 and it was awarded to Freightliner Trucks and Truck & Trailer Specialties.

Attached is an equipment quotation for the utility crane truck upfit by Truck & Trailer Specialties of Howell, MI for a total of \$66,775. While this is above the budgeted amount, the extra cost is in the change in material from steel to fiberglass, ensuring a better lasting asset. In addition, the dump truck upfit was approved more than \$10,000 under budget, covering this overage without need for a budget amendment.

### **STAFF RECOMMENDATION**

Staff recommends approving the utility crane truck upfit by Truck & Trailer Specialists, Howell, Michigan in the amount of \$66,775. Funding will be provided from the 2024 Fleet account number 661-594-981.000.

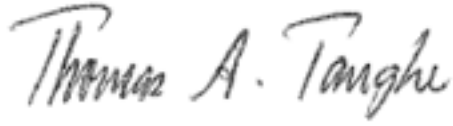
### **MOTION**

**Move to approve the utility crane truck upfit by Truck & Trailer Specialists, Howell, Michigan in the amount of \$66,775.**

**EXHIBITS**

Exhibit 1 – Truck & Trailer Quote

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive style with a large, sweeping initial 'T'.

---

THOMAS A. TANGHE, CITY MANAGER

# TRUCK & TRAILER *Specialties, Inc.*

900 Grand Oaks Drive | Howell, MI 48843 | [www.ttspec.com](http://www.ttspec.com) | ph: (517) 552-3855 | fx: (517) 552-3666

**June 21, 2024**

City of Auburn Hills  
1500 Brown Road, Auburn Hills, MI 48326  
Attn: Jason Hefner, ph: (248) 520-1164  
HQ0004377

## Equipment Quotation

The following pricing will be based on City of Rochester Hills RFP-RH-20-023 contract awarded September 2020

### Chassis information:

2024 Ram 5500 Tradesman Cab-Chassis, Reg Cab, DRW, 4x4, 60" CA, backup alarm & brake controller

### Install **Brand FX 9' Fiberglass Service Body including the following:**

Model 60DLS  
SS = 37" / 40" / 31"  
CS = 37" / 40" / 31"  
FBCA = 57"  
OL = 108"  
Overall width – 94"  
Pack depth – 20"  
Floor width – 54"  
Pack height – 42"  
Mounting height – 25"  
Steel understructure - alum tread floor  
Smooth aluminum bulkhead  
Aluminum tailskirt  
Standard bright white gelcoat  
Stainless steel rotary latch  
Type 304 stainless steel hardware  
Type 304 stainless steel door hinge  
Vinyl covered s/s cable door stops  
Non-skid compartment tops  
Spring mount kit  
Clear vinyl rock guards  
Black plastic fuel bezel (1 standard)  
Automotive grade bubble gasket  
One piece molded doors with automotive finish both sides  
Recessed door jambs  
Flow through ventilation system  
Removeable wheel well panels  
White compartment interiors  
Recessed door seal system  
Light adaptor for dodge chassis  
Full LED lighting package  
Stop / tail / turn / marker & back-up light



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10" aluminum tailgate - automotive style (DRW)  
Streetside front compartment (60DLS)  
    CTech, DRW, drawers front compartment (23265)  
    21" W x 30.8" H x 16" D tool cabinet white, (2) 4" and (7) 3" drawers,  
    Bottom space: 0.5, bottom notch 11" H x 5" D, riser 3.5" H x 9.8" D  
Streetside horizontal compartment (60DLS)  
    Compartment bottom tray  
    Divider pack - 2" fiberglass - 4 per pack  
Streetside rear compartment (60DLS)  
    One adjustable shelf  
    Additional adjustable shelf  
    Divider pack - 2" fiberglass - 4 per pack  
Curbside front compartment (60DLS)  
    One adjustable shelf  
    Additional adjustable shelf  
    Divider pack - 2" fiberglass - 4 per pack  
Curbside horizontal compartment (60DLS)  
    Fixed shelf  
    Divider pack - 2" fiberglass - 4 per pack  
Curbside rear compartment (60DLS)  
    Crane reinforcement-15k ft lbs.  
Compartment top, alum treadplate (per side) (60D)  
Stainless steel grab handle, one each side at rear of body  
Pre-punched aluminum cab guard (DRW)  
Push/pull rod lock system (60)

**Install Miscellaneous items including the following:**

Steel bumper work bench, storage doors at ends with grip-strut drop steps, 93.5" W x 13" H  
Two (2) grip-strut stirrup steps, one under each end of rear bumper on rubber extensions  
Spray-on bedliner on cargo area of service body including floor, sides, front bulkhead & rear bumper  
Mudflaps behind rear drive tires

**Install Liftmoore Crane mounted at rear curbside including the following:**

Model 4000X-16 WP with boom rest  
    Power extension from 8'-12' with a manual 4' pull-out to 16'  
    16,000 ft.-lb. moment rating & 4,000 lb. max capacity  
    Power elevation from -5 degrees to +75 degrees  
    Power rotation is unlimited  
    Load sensor & anti two-block  
    2,000 lb. single line capacity planetary gear winch with 2.4 HP motor  
    75' of ¼" galvanized aircraft cable, min breaking strength is 7,000 lbs.  
Proportional wireless controls with 25' CAN cable as backup  
    2-in-1 proportional control trigger through variable speed control of pump motor  
    Includes on-board WiFi diagnostics  
    LCD screen readout on controller show vital crane stats  
Crane to mount on service body, rear curbside corner  
18K outriggers on both driver and passenger sides at rear of truck, with manual crank-down jacks  
LED work light mounted on the end of the boom with a cord reel

**Install Custom Lighting & Electrical including the following:**

Utilize chassis switches in-cab for warning lights (if equipped)

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Eight (8) SoundOff mPower (mo. EMPS2STS4F) amber/white flashers flush-mounted:

Two (2) mounted in chassis grille, recessed left & right of RAM, in C-shaped pockets

Two (2) at top of rear compartment, one each side

One (1) SoundOff Pinnacle (mo. EPL730001-F) amber/white mini lightbar on cab guard bracket

Maxxima LED strip lighting in each compartment

Four (4) Maxxima LED work lights mounted 2 on top of front compartments and 2 on rear of body

LED body clearance lights and reflectors

Betts junction box at rear of body

License plate light mounted on rear of body

**Install Sensata Pure Sine Wave Power Inverter including the following:**

Model CSW3012-X

3000-watt 12V with GFCI ELT listed to UL 458 (hardwire capable)

Dimensions: 21" x 9" x 4.5"

Includes USB port and GFCI AC outlet

Unit wired to battery, mounting location in rear curbside compartment

**Install Pro-Vision TV-205A Camera System including the following:**

Includes infrared camera and 5" LCD screen mounted up in rearview mirror location

**Install Receiver Tube Hitch including the following:**

D-rings for safety chains

7-way RV flat pin plug

Electric brake controller (to come with chassis)

Backup alarm (to come with chassis)

**Paint Body painted one-color to match the White cab**

**Above installed equipment and painted pricing: \$66,775.00 ea.**

**Payment Terms:** Net 30. Pricing effective for 30 days.

Pricing does not include any of the Rochester Hills RFQ discounts that may be applicable.

2% discount off total taken at invoice if payment received within 30 days.

**FOB:** City of Auburn Hills

**Delivery:** 8-9 months ARO

**Thank you for the opportunity to quote.**

Respectfully submitted by,  
Jon Luea/Brian Bouwman

# LIFTMOORE 4000 CRANE

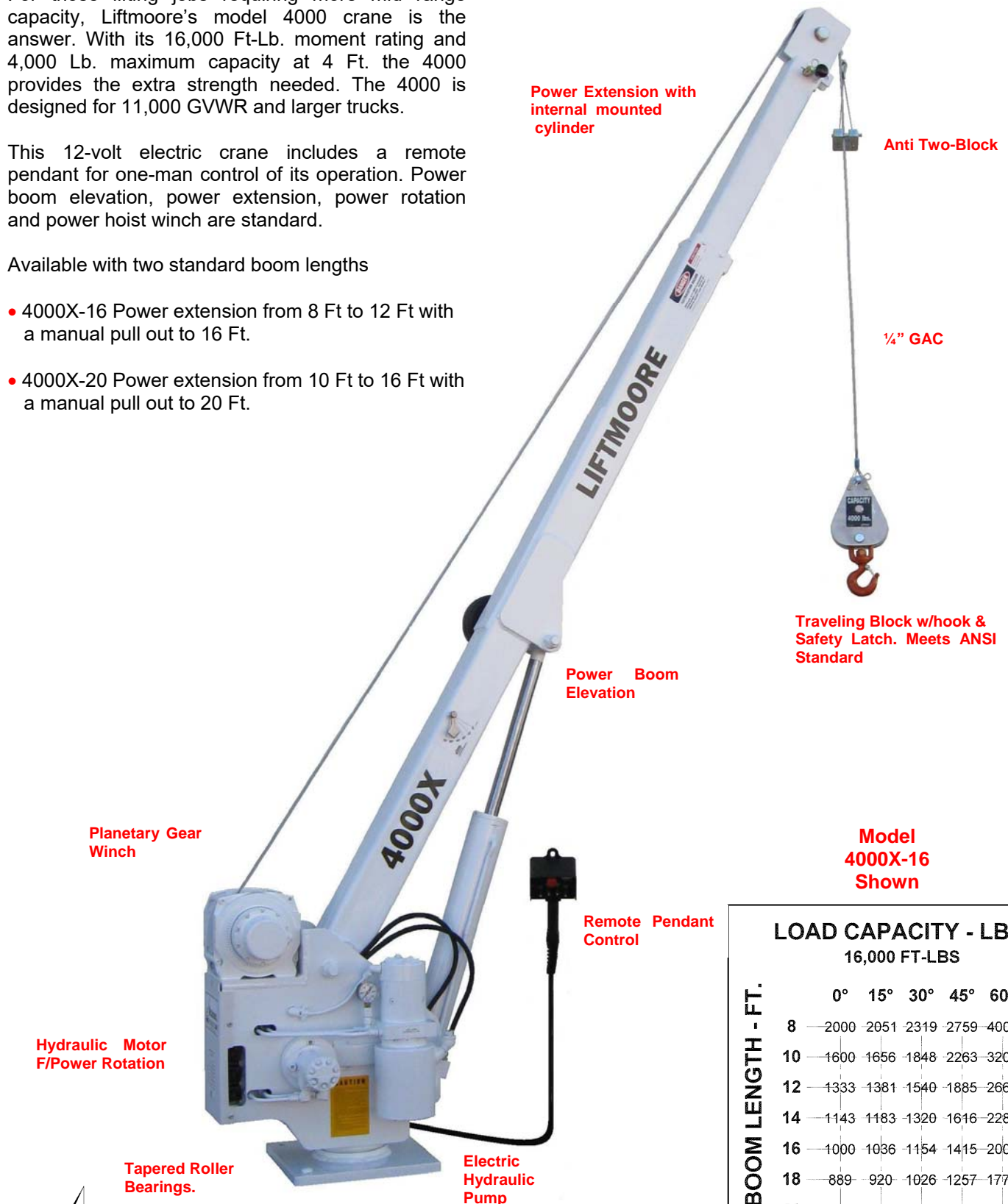
16,000 FT.-LB. MOMENT RATING  
4,000 LB. MAXIMUM CAPACITY

For those lifting jobs requiring more mid range capacity, Liftmoore's model 4000 crane is the answer. With its 16,000 Ft-Lb. moment rating and 4,000 Lb. maximum capacity at 4 Ft. the 4000 provides the extra strength needed. The 4000 is designed for 11,000 GVWR and larger trucks.

This 12-volt electric crane includes a remote pendant for one-man control of its operation. Power boom elevation, power extension, power rotation and power hoist winch are standard.

Available with two standard boom lengths

- 4000X-16 Power extension from 8 Ft to 12 Ft with a manual pull out to 16 Ft.
- 4000X-20 Power extension from 10 Ft to 16 Ft with a manual pull out to 20 Ft.



HOUSTON, TEXAS  
FAX: (800) 824-5559 (USA & Canada)  
FAX: (713) 688-6324  
PHONE: (713) 688-5533  
[www.liftmoore.com](http://www.liftmoore.com)

Model  
4000X-16  
Shown

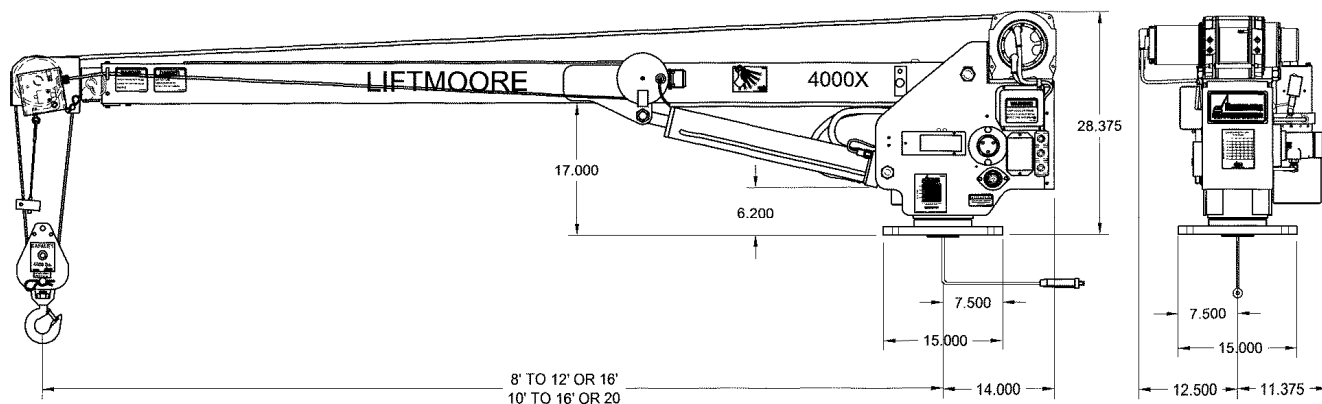
## LOAD CAPACITY - LBS. 16,000 FT-LBS

BOOM LENGTH - FT.	0° 15° 30° 45° 60° 75°					
	8	10	12	14	16	18
8	2000	2051	2319	2759	4000	4000
10	1600	1656	1848	2263	3200	4000
12	1333	1381	1540	1885	2667	4000
14	1143	1183	1320	1616	2286	4000
16	1000	1036	1154	1415	2000	3865
18	889	920	1026	1257	1778	3434
20	800	828	924	1131	1600	3091

  
713-688-5533  
[WWW.LIFTMOORE.COM](http://WWW.LIFTMOORE.COM)

22378

# 4000 SPECIFICATIONS



## MOMENT RATING:

16,000 Ft.-Lbs.

## HOIST WINCH:

The hoist winch has a planetary gear drive for best possible efficiency. A 2.7HP permanent magnet electric motor powers the winch. Single line capacity of the winch is 2000 Lbs. The load is controlled by a load apportioned mechanical brake located in the winch drum. Ratio between winch drum and wire rope meets ANSI B30.5 requirements.

First layer performance of the winch is as follows:

Load-Lbs	Hook Speed-Ft/ Min.	Electrical-Amps @ 12VDC
1000	13.9	64
2000	11.9	115

Note: Two part line required for loads above 2000Lbs.

## WIRE ROPE and SHEAVES:

The crane is supplied with 75 Ft. of 1/4 in. galvanized aircraft cable. Minimum breaking strength of the rope is 7000 lbs. The wire rope is outside of the boom and visible for operators continual inspection. A traveling block for easy two-part hookup is included. All sheaves meet ANSI requirements.

## BOOM:

The boom is capable of moving from -5 to +75 Degrees. A double acting cylinder with an integral counterbalance valve elevates the boom. The counterbalance valve has two important functions. This valve holds the cylinder in the event of hose failure and it controls the rate of boom decent.

There are two standard Booms available on the model 4000X crane.

## 4000X-16:

The boom extends under power from 8 Ft. to 12 Ft with a 4-Ft. manual pull out to 16 Ft. with one intermediate position at 14 Ft.

## 4000X-20:

The boom extends under power from 10 Ft. to 16 Ft. with a 4-Ft manual pull out to 20 Ft. with one intermediate position at 18 Ft.

## HYDRAULIC SYSTEM:

A hydraulic pump driven by a 12 volt D.C. series wound electric motor powers the crane's rotation, elevation and extension functions. The pump is a gear type with a 1.3 GPM capacity at 500 PSI. Control of the hydraulic functions is through four way spring centered solenoid activated valves. Valves have manual over-ride capability and are mounted on a manifold for easy access.

## ROTATION SYSTEM:

The hydraulic powered rotation is driven by a low speed, high torque hydraulic motor and drives through a 54:1 ratio self locking worm gear. The worm gear is an aluminum bronze alloy. The worm is hardened steel. The crane rotates 360 degrees continuously without limit on two 4" ID tapered roller bearings.

## REMOTE PENDANT CONTROL:

A 25-Ft. long remote pendant is provided for control of each powered function. The pendant control is removable from the crane to prevent unauthorized use of the crane. An E-Stop is included that turns off all power to the crane as required by OSHA.

## LOAD SENSOR

A load-limiting sensor is supplied as standard. This sensor will shut down hoist up, boom out & boom down when an overload is detected. The sensor will reset after the load is lowered.

## ANTI TWO-BLOCK:

Anti two-block is standard on this crane and prevents extending the boom against the travel block and breaking the cable.

## POWER SOURCE:

Crane is powered by the truck's 12 volt DC system. A second battery is required to keep the voltage as high as possible and should be installed in parallel with the vehicle's battery. A Group 31 "DEEP CYCLE" battery is recommended. 25 Ft of # 1 battery cable with quick disconnect is included along with a 3-ft ground wire, 150amp circuit breaker and master cut off switch.

## MOUNTING: A minimum 14,500 Lb. GVWR recommended.

Four 0.75" X3.0" long Grade 8 hex head cap screws and lock nuts are provided. Mounting plate is 15" square with a 12" square bolt pattern.

## OUTRIGGERS:

An optional outrigger is needed for stability requirements of OSHA 1910.180. The outrigger is necessary to reduce the load on the crane's rotation mechanism and the truck's suspension.



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# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 7M

DEPARTMENT OF PUBLIC WORKS

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads  
**Submitted:** August 5, 2024  
**Subject:** Motion – Amend 2024 Major Roads and Fleet Funds

### INTRODUCTION AND HISTORY

In 2021, the City obtained a Bond for capital improvements within the city. With the closure of the spending toward that bond, there are a couple of expenses that need to be re-budgeted into other accounts. First, expenses in 2024 for the Harmon Road reconstruction in 2023 should be moved to Major Roads (The remaining purchase orders total \$133,813.51). Second, the DPW Back Lot reconstruction should be moved back to Fleet (The remaining purchase orders total \$241,369.53).

The Fleet External Services account is currently at 143% of the budgeted \$100,000 due to rising labor costs and a few big and non-routine repairs (including 3 transmissions, brine maker repairs due to a ruptured water line, and a Vactor hose reel repair that totaled approximately \$64,000). Staff recommends adding \$150,000 to the budgeted line for expensing external services through the end of 2024.

Budget Decrease		Budget Increase	
401-901-973.000-21BDHARMONRD	- \$133,813.51	202-452-973.000-21BDHARMONRD	+ \$133,813.51
401-901-972.000-21BDDPWBACKLT	- \$241,369.53	661-594-972.000-21BDDPWBACKLT	+ \$241,369.53
		661-594-932.001	+ \$150,000.00

4 projects (Canadian/Paramount/Fire 1/Fire 3)

### STAFF RECOMMENDATION

Staff recommends the amendments to the Major Roads fund in the amount of \$133,813.51, the Fleet fund in the amount of \$391,369.53, and the Capital Fund be -\$375,183.04 as specified in the chart within the body of this memo.

### MOTION

Move to amend Major Road Fund increasing appropriations by \$133,813.51, Fleet Fund increasing appropriations by \$391,369.53, and Capital Fund decreasing appropriations by \$375,183.04.

I CONCUR:

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THOMAS A. TANGHE, CITY MANAGER



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 7N**  
**CITY MANAGER'S OFFICE**

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Andrew Hagge, Assistant to the City Manager  
**Submitted:** August 7, 2024  
**Subject:** Motion – to Authorize the City Manager to Execute the Grant Agreement between the City of Auburn Hills and SEMCOG to Develop a Comprehensive Stormwater Management Plan

### **INTRODUCTION AND HISTORY**

Each year the Southeast Michigan Council of Governments (SEMCOG) makes grant funding available for which local units of government can apply. This year, the City of Auburn Hills applied for a grant, which would give the City the necessary funding to create a comprehensive stormwater management plan. The creation of the stormwater management plan would primarily be created by the City's engineering consultant, OHM Advisors, with the help of other City departments.

The SEMCOG grant program requires the City to pay initial project costs for which the City will be reimbursed for later on in the grant process. Additionally, SEMCOG will fund a majority of the stormwater management plan cost, but not all. A breakdown of the total project cost and the funding sources can be seen in the table below.

This memo must go before the City Council because the language in the grant agreement, which was created by SEMCOG, requires the City Council to give authorization to the City Manager to execute the grant agreement.

Total Project Cost	SEMCOG Funding	Auburn Hills Funding
\$40,000	\$32,740	\$7,260

### **STAFF RECOMMENDATION**

City staff recommends that the City Council authorize the City Manager to sign the grant agreement between the City of Auburn Hills and SEMCOG to create a comprehensive stormwater management plan for the City of Auburn Hills.

### **MOTION**

**Move to Authorize the City Manager to Execute the Grant Agreement between the City of Auburn Hills and SEMCOG to Create a Comprehensive Stormwater Management Plan.**

**I CONCUR:**

---

THOMAS A. TANGHE, CITY MANAGER



**PASS THROUGH AGREEMENT BETWEEN**  
**CITY OF AUBURN HILLS AND**  
**SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS**

**THIS AGREEMENT**, made and entered into this \_\_ day of July 2024 by and between CITY OF AUBURN HILLS (here in after, together with its assignees and successors in interest, called the "GRANT RECIPIENT") and SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS - a Michigan Regional Planning Commission; 1001 Woodward - Suite 1400, Detroit, Michigan 48226 (hereinafter called SEMCOG). All terms and conditions of the prime contract **2024-0009**, between SEMCOG and the Michigan Department of Transportation are incorporated in this Agreement. In the event of a conflict between the terms and conditions of the subcontract and the prime contract, **2024-0009**, the prime contract prevails.

WITNESSETH:

WHEREAS, SEMCOG, in cooperation with MDOT, FHWA and the FTA, desires to enter into an agreement with the GRANT RECIPIENT;

NOW, THEREFORE, SEMCOG and GRANT RECIPIENT agree that:

GRANT RECIPIENT WILL:

1. GRANT SPECIFICATIONS

- a. The grant award was developed in response to SEMCOG's Planning Assistance Program and approved by the Regional Review Committee.
- b. SCOPE OF WORK: GRANT RECIPIENT shall do, perform and complete in a satisfactory manner, as determined by SEMCOG, the work described in the narrative and budget described in Section 27 of this agreement.
- c. MODIFICATIONS: Unless prior written approval of SEMCOG is obtained, the GRANT RECIPIENT may not modify or change the proposal, timeline, or budget.
- d. METRICS and DELIVERABLES: GRANT RECIPIENT is responsible for the metrics and deliverables proposed in their narrative.

2. ACCOUNTS AND RECORDS

- a. GRANT RECIPIENT will establish and maintain accurate records, in accordance with generally accepted accounting principles, of all expenses incurred for which payment is sought or made under this Agreement, said records to be hereinafter referred to as the "RECORDS." Separate accounts will be established and maintained for all costs incurred under this Agreement.
- b. GRANT RECIPIENT will maintain the RECORDS for at least three (3) years from the date of final payment made by SEMCOG under this Agreement. In the event of a dispute with regard to the



allowable expenses or any other issue under this Agreement, GRANT RECIPIENT will thereafter continue to maintain the RECORDS at least until that dispute has been finally decided and the time for all available challenges or appeals of that decision has expired.

- c. SEMCOG and MDOT or its representative may inspect, copy, or audit the RECORDS at any reasonable time after giving reasonable notice.
- d. If any part of the work is subcontracted, GRANT RECIPIENT will assure compliance with subsections (a), (b), and (c) above for all subcontracted work.

### 3. AUDIT OF ACCOUNTS AND RECORDS

- a. The GRANT RECIPIENT will require audits to be made to determine, at a minimum, the fiscal integrity of financial transactions and reports and the compliance with laws, regulations, and administrative requirements. Audits will be scheduled in accordance with the requirements of 2 CFR Part 200, including Subpart F – Audit Requirements, as amended.
- b. Audits are to be performed by an independent accounting firm and must conform to the regulations and procedures established by the federal Office of Management and Budget as set forth in 49 CFR Part 18, as amended, 2 CFR Part 200, as amended, and such other regulations and procedures established by MDOT, the FHWA, and the FTA. All such audits are subject to review and approval by MDOT, the FHWA, the FTA, and the Office of Inspector General.
- c. Audit and Inspection. The GRANT RECIPIENT will comply with the Single Audit Act of 1984, as amended, including, but not limited to, the Single Audit Amendments of 1996 (31 USC 7501-7507), and the requirements of 2 CFR Part 200, including Subpart F – Audit Requirements, as amended, and the provisions of 1951 PA 51, MCL 247-660h, as applicable, that are in effect at the time of Agreement award with regard to audits.
  - i. Grant recipients expending a total of Seven Hundred Fifty Thousand Dollars (\$750,000.00) or more in federal funds from one or more funding sources in their fiscal year must have a single audit conducted for that year. The Seven Hundred Fifty Thousand Dollars (\$750,000.00) threshold represents all federal funding sources. This is in accordance with the Single Audit Act of 1984, as amended, and 2 CFR Part 200 Subpart F, as amended.
  - ii. Grant recipients expending less than Seven Hundred Fifty Thousand Dollars (\$750,000.00) in federal funds must submit a letter to MDOT advising that a single audit was not required. The letter will indicate the applicable fiscal year, the amount of federal funds spent, the name(s) of the MDOT federal programs, and the Catalog of Federal Domestic Assistance (CFDA) grant number(s).
  - iii. Grant recipients must complete their single audits electronically through the Federal Audit Clearinghouse website (<http://harvester.census.gov/fac/>). Users are instructed to create an online report ID and then to complete Form SF-SAC prior to submitting their reporting packages. The audit will be completed and submitted electronically within thirty (30) days after receipt of the agency's report(s) or within nine (9) months after the end of the agency's fiscal year, whichever is earlier.
  - iv. Grant recipients will also comply with applicable state laws and regulations relative to audit requirements.

- v. Grant recipients will not charge audit costs to MDOT's federal programs that are not in accordance with the aforementioned 2 CFR Part 200 requirements.
  - vi. All grant recipients are subject to the federally-required monitoring activities, which may include limited scope reviews and other on-site monitoring.
- d. The provisions set forth in subsections (a), (b), and (c) above will be included in all contracts and subcontracts relating to this Agreement.

#### 4. BILLINGS AND PROGRESS REPORTS

Submit monthly billing and progress reports to SEMCOG on work accomplished based on the approved grant award narrative and budget. Progress reports will be in a form and manner acceptable to SEMCOG. A billing and progress report will be submitted not later than fifteen (15) days after the end of each billing period.

GRANT RECIPIENT agrees that the costs reported to SEMCOG for this Agreement will represent only those items that are properly chargeable in accordance with this Agreement. GRANT RECIPIENT also certifies that it has read the Agreement terms and has made itself aware of the applicable laws, regulations, and terms of this Agreement that apply to the reporting of costs incurred under the terms of this Agreement.

#### 5. FINAL REPORT

Submit a final performance report covering the grant award accomplishments not later than ninety (90) days following the end of the grant award time period.

#### 6. INDEMNIFY AND SAVE HARMLESS

In addition to the protection afforded by any policy of insurance, GRANT RECIPIENT agrees to indemnify and save harmless the State of Michigan, the Michigan State Transportation Commission, MDOT, FHWA, FTA, SEMCOG, and all officers, agents, and employees thereof:

- a. From any and all claims by persons, firms or corporations for labor, services, materials, or supplies provided to GRANT RECIPIENT in connection with GRANT RECIPIENT performance under this Agreement; and
- b. From any and all claims for injuries to or death of any and all persons, for loss of or damage to property, for environmental damage or degradation, response and clean-up costs, and for attorney fees and related costs arising out of, under, or by reasons of GRANT RECIPIENT performance under this Agreement, except claims resulting from the sole negligence or willful acts or omissions of said indemnitee, its agents, or its employees; and
- c. Against all claims, suites, costs, damages, and expenses that the State of Michigan, the Michigan State Transportation Commission, MDOT, SEMCOG, FHWA, and/or the FTA may sustain by reason of any scandalous, libelous or unlawful matter obtained or alleged to be obtained in the work, or any infringement or violation by the work of any copyright or property right.

SEMCOG will not be subject to any obligations or liabilities by contractors of GRANT RECIPIENT or its GRANT RECIPIENTS or any other person not a party to the Agreement without its specific consent and notwithstanding its concurrence in or approval of the award of any contract or subcontract or the solicitation thereof.

It is expressly understood and agreed that GRANT RECIPIENT will take no action or conduct that arises either directly or indirectly out of its obligations, responsibilities, and duties under this Agreement that results in claims being asserted against or judgments being imposed against the State of Michigan, SEMCOG, MDOT, the Michigan State Transportation Commission, FHWA, and/or the FTA, as applicable.

In the event that the same occurs, it will be considered as a breach of this Agreement, thereby giving the State of Michigan, MDOT, SEMCOG, the Michigan State Transportation Commission, FHWA, and/or the FTA a right to seek and obtain any necessary relief or remedy, including, but not limited to, a judgment for money damages.

GRANT RECIPIENT will provide, at grant award cost, public liability, property damage, and workers' compensation insurance, insuring as they may appear all claims that may arise out of the GRANT RECIPIENT operations under this Agreement.

#### 7. APPRAISAL OF GRANT AWARD

Through the SEMCOG staff representative, reserve the right to advise and recommend changes to each task and activity appearing in the narrative and the basic study methods, procedures, and analytical techniques to be applied in carrying out those portions of each portion of the narrative that, in total or in part, are financed with funds from FHWA, or the FTA.

#### 8. STAFF REPRESENTATIVE

Provide a SEMCOG staff representative to assist or otherwise advise GRANT RECIPIENT in the performance of its transportation planning responsibilities as provided herein.

#### 9. DOCUMENT APPROVAL

Develop and maintain appropriate procedures to reflect the various responsibilities of document review and approval at the state and federal levels.

#### 10. REIMBURSABLE COSTS

Reimburse GRANT RECIPIENT for costs properly chargeable in accordance with this Agreement and eligible for federal reimbursement under the provisions of OMB Circular A-87. Reimbursements will be based on actual costs.

#### 11. REIMBURSEMENT TO GRANT RECIPIENT FOR COSTS INCURRED

SEMCOG hereby agrees that payment to the GRANT RECIPIENT shall be made within (10) days of the receipt of payment from the State of Michigan.

## 12. AUDIT

In the event that an audit performed by or on behalf of SEMCOG indicates an adjustment to the costs reported under this Agreement or questions the allowability of an item of expense, SEMCOG will promptly submit to GRANT RECIPIENT a Notice of Audit Results and a copy of the audit report, which may supplement or modify any tentative findings verbally communicated to GRANT RECIPIENT at the completion of an audit.

Within sixty (60) days after the date of the Notice of Audit Results, GRANT RECIPIENT will (a) respond in writing to SEMCOG indicating whether or not it concurs with the audit report, (b) clearly explain the nature and basis for any disagreement as to a disallowed item of expense, and (c) submit to MDOT and SEMCOG a written explanation as to any questioned or no opinion expressed item of expense hereinafter referred to as the "RESPONSE." The RESPONSE will be clearly stated and will provide any supporting documentation necessary to resolve any disagreement or questioned or no opinion expressed item of expense. Where the documentation is voluminous, GRANT RECIPIENT may supply appropriate excerpts and make alternate arrangements to conveniently and reasonably make that documentation available for review by SEMCOG and MDOT. The RESPONSE will refer to and apply the language of the Agreement. GRANT RECIPIENT agrees that failure to submit a RESPONSE within the sixty (60) day period constitutes agreement with any disallowance of an item of expense and authorizes SEMCOG and MDOT to finally disallow any items of questioned or no opinion expressed cost.

MDOT and SEMCOG will make its decision with regard to any Notice of Audit Results and RESPONSE within one hundred twenty (120) days after the date of the Notice of Audit Results. If SEMCOG determines that an overpayment has been made to GRANT RECIPIENT, GRANT RECIPIENT will repay that amount to SEMCOG or reach agreement with SEMCOG on a repayment schedule within thirty (30) days after the date of an invoice. If GRANT RECIPIENT fails to repay the overpayment or reach agreement with SEMCOG on a repayment schedule within the thirty (30) day period, GRANT RECIPIENT agrees that SEMCOG will deduct all or a portion of the overpayment from any funds then or thereafter payable by SEMCOG, to GRANT RECIPIENT under this Agreement or any other agreement or payable to GRANT RECIPIENT under the terms of 1951 PA, as applicable. Interest will be assessed on any partial payments or repayments or repayment schedules based on the unpaid balance at the end of each month until the balance is paid in full. The assessment of interest will begin thirty (30) days from the date of the invoice. The rate of interest will be based on the Michigan Department of Treasury common cash funds interest earnings. The rate of interest will be reviewed annually by SEMCOG and adjusted as necessary based on the Michigan Department of Treasury common cash funds interest earnings. GRANT RECIPIENT expressly consents to this withholding or offsetting of funds under those circumstances, reserving the right to file a lawsuit in the Court of Claims to contest SEMCOG's decision only as to any item of expense the disallowance of which was disputed by GRANT RECIPIENT in a timely filed RESPONSE.

## 13. PROMPT PAYMENT

GRANT RECIPIENT agrees to pay each subcontractor for the satisfactory completion of work associated with the subcontract no later than ten (10) calendar days from the receipt of each payment GRANT RECIPIENT receives from SEMCOG. This requirement is also applicable to all sub-tier GRANT RECIPIENTs and will be made a part of all subcontract agreements.

This prompt payment provision is a requirement of 49 CFR, Part 26, as amended, and does not confer third-party beneficiary right or other direct right to a GRANT RECIPIENT against the SEMCOG or

MDOT. This provision applies to both Disadvantaged Business Enterprise (DBE) and non-DBE GRANT RECIPIENTS.

GRANT RECIPIENT further agrees that it will comply with 49 CFR, Part 26, as amended, and will report any and all DBE GRANT RECIPIENT payments to MDOT semi-annually in the format set forth in Appendix D, dated July 2010, attached hereto and made a part hereof, or any other format acceptable to MDOT.

#### 14. FHWA AND FTA PARTICIPATION

Certain funding under this Agreement is contingent on participation from year to year by FHWA or FTA. No obligations for such costs not reimbursable by FHWA or FTA will be knowingly entered into and billed to SEMCOG for reimbursement. Incurred costs that are not reimbursable by FHWA or FTA will be the sole responsibility of the GRANT RECIPIENT.

#### 15. FEDERAL LAWS AND REGULATIONS

All applicable federal, state, and local laws, regulations, and ordinances are incorporated into and made a part of this Agreement, and the parties will comply therewith.

#### 16. NONDISCRIMINATION, DBE, AND ENVIRONMENTAL REQUIREMENTS

GRANT RECIPIENT will comply with and will require any contractor or GRANT RECIPIENT to comply with the following:

- a. In connection with the performance of the Agreement, GRANT RECIPIENT (hereinafter in Appendix A referred to as the “contractor”) agrees to comply with the State of Michigan provisions for “Prohibition of Discrimination in State Contracts,” as set forth in Appendix A, dated March 2010, attached hereto and made a part hereof. This provision will be included in all subcontracts relating to this Agreement.
- b. During the performance of this Agreement, GRANT RECIPIENT, for itself, its assignees, and its successors in interest (hereinafter in Appendix B referred to as the “contractor”), agrees to comply with the Civil Rights Act of 1964, being P.L. 88-352, 78 Stat. 241, as amended, being Title 42 USC Sections 1971, 1975a-1975d, and 2000a-2000h-6, and the Regulations of the United States Department of Transportation (49 CFR, Part 21) issued pursuant to said Act, including Appendix B, dated March 2010, attached hereto and made a part hereof.
- c. GRANT RECIPIENT will carry out the applicable requirements of the MDOT’s Disadvantaged Business Enterprise (DBE) program and 49 CFR Part 26, including, but not limited to those requirements set forth in Appendix C, dated October 1, 2005, attached hereto and made a part hereof, with respect to the UWP, said UWP allowing GRANT RECIPIENT to operate under the provisions of its own MDOT-approved DBE program.
- d. GRANT RECIPIENT will make achieving environmental justice a part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low income populations.

- e. GRANT RECIPIENT further certifies that it agrees to use the E-Verify system to verify that all persons hired during the contract term by the Contractor are legally present and authorized to work in the United States.

## 17. REPORT LANGUAGE

All reports published by GRANT RECIPIENT will contain the following statement in the credit line if MDOT or FHWA or FTA does not subscribe to the findings:

*“The contents of this \_\_\_\_\_ (report) reflect the view of \_\_\_\_\_ (the author), who is responsible for the facts and accuracy of the data presented herein. The contents do not necessarily reflect the official view or policies of \_\_\_\_\_ (the name of nonconcurring party.) This \_\_\_\_\_ (reports) does not constitute a standard, specification, or regulation.”*

## 18. OWNERSHIP OF DATA

Ownership of data collected hereunder will be vested in GRANT RECIPIENT with full rights of free access and use thereto guaranteed to SEMCOG, MDOT, FHWA and FTA, and/or all other participating agencies.

## 19. PATENT RIGHTS AND COPYRIGHTS

Patent rights and copyrights will be the property of GRANT RECIPIENT. GRANT RECIPIENT will obtain the written approval of the MDOT prior to submitting applications in the name of GRANT RECIPIENT for copyrights or patents on any papers, reports, forms, or other materials that are a part of the GRANT RECIPIENT work as above noted under this Agreement, said approval being necessary before, during, and after the performance of said work by GRANT RECIPIENT with respect to this Agreement. SEMCOG, MDOT, and FHWA and/or FTA reserve a royalty-free, non-exclusive, and irrevocable license to reproduce, publish, or otherwise use and authorize others to use the work for governmental purposes.

## 20. UNFAIR LABOR PRACTICES

In accordance with 1980 PA 278, MCL 423.321 *et seq.*; MSA 17.458(22) *et seq.*, GRANT RECIPIENT, in performance of this Agreement, will not enter into a contract with a GRANT RECIPIENT, manufacturer, or supplier listed in the register maintained by the United States Department of Labor of employers who have been found in contempt of court by a federal court of appeals on not less than three (3) separate occasions involving different violations during the preceding seven (7) years for failure to correct an unfair labor practice, as prohibited by Section 8 of Chapter 372 of the National Labor Relations Act, 29 USC 158. MDOT may void this Agreement if the name of GRANT RECIPIENT or the name of a GRANT RECIPIENT, manufacturer, or supplier utilized by GRANT RECIPIENT in the performance of this Agreement subsequently appears in the register during the performance of this Agreement.

## 21. INDIVIDUALS WITH DISABILITIES

GRANT RECIPIENT agrees that not otherwise qualified individuals with disabilities in the United States, as defined in Section 1630.2 of the Americans with Disabilities Act, Title 42, USC 12101, will,

solely by reason of their disabilities, be excluded from the participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving benefits under this Agreement.

## 22. CERTIFICATION

GRANT RECIPIENT signature on this Agreement constitutes GRANT RECIPIENT certification of “status” under penalty of perjury under the laws of the United States with respect to 49 CFR Part 29 pursuant to Executive Order 12549.

The certification included as a part of this Agreement as Attachment A is Appendix A of 49 CFR Part 29 and applies to GRANT RECIPIENT (referred to in Appendix A as “the prospective primary participant”).

GRANT RECIPIENT is responsible for obtaining the same certification from all GRANT RECIPIENTS under this Agreement by inserting the following paragraph in all subcontracts:

*“The GRANT RECIPIENT’s signature on this Agreement constitutes the GRANT RECIPIENT’s certification of ‘status’ under penalty of perjury under the laws of the United States with respect to 49 CFR Part 29 pursuant to Executive Order 12549. The certification included as a part of this Agreement as Attachment B is Appendix B of 49 CFR Part 29.”*

This certification is required of all GRANT RECIPIENTS, testing laboratories, and other lower tier participants with which GRANT RECIPIENT enters into a written arrangement for the procurement of goods or services provided for in this Agreement.

## 23. APPROVALS, REVIEWS, AND INSPECTIONS

Any approvals, acceptances, reviews, and inspections of any nature by SEMCOG and MDOT will not be construed as a warranty or assumption of liability on the part of SEMCOG and MDOT. It is expressly understood and agreed that any such approvals, acceptances, reviews, and inspections are for the sole and exclusive purposes of SEMCOG and MDOT, which is acting in a governmental capacity under this Agreement, and that such approvals, acceptances, reviews, and inspections are a governmental function incidental to the performance of the UWP under this Agreement.

Any such approvals, acceptances, reviews, and inspections by SEMCOG and MDOT will not relieve GRANT RECIPIENT of its obligations hereunder, nor are such approvals, acceptances, reviews and inspections by SEMCOG and MDOT to be construed as a warranty as to the propriety of GRANT RECIPIENT performance but are undertaken for the sole use and information of SEMCOG and MDOT.

## 24. TERMINATION

SEMCOG may terminate this Agreement for convenience or cause, as set forth below, before the services are completed. Written notice of termination will be sent to GRANT RECIPIENT. GRANT RECIPIENT will be reimbursed in accordance with the following:

### a. Termination for Convenience:

If SEMCOG terminates this Agreement for convenience, SEMCOG will give GRANT RECIPIENT written notice of such termination thirty (30) days prior to the date of such

termination, and GRANT RECIPIENT will be reimbursed for all costs incurred for work accomplished on the UWP up to receipt of the notice of termination. Such reimbursement will be as set forth in Section 16, but not to exceed the amount set forth in the grant award. SEMCOG will receive the work product produced by GRANT RECIPIENT under this Agreement up to the time of termination, prior to GRANT RECIPIENT being reimbursed. In no case will the compensation paid to GRANT RECIPIENT for partial completion of services exceed the amount GRANT RECIPIENT would have received had the services been completed.

b. Termination for Cause:

In the event GRANT RECIPIENT fails to complete any of the services in a manner satisfactory to SEMCOG, SEMCOG may terminate this Agreement. Written notice of termination will be sent to GRANT RECIPIENT. GRANT RECIPIENT will be reimbursed as follows:

GRANT RECIPIENT will be reimbursed for all costs incurred for work accomplished based upon the grant award narrative and budget up to receipt of the notice of termination. SEMCOG may pay a proportional share for a partially completed work product. The value of such partially completed work product will be determined by SEMCOG based on actual cost incurred up to the estimated value of the work product received by SEMCOG, as determined by SEMCOG. Such actual costs will be as set forth in Section 16, but not to exceed the amount set forth in the grant award. SEMCOG will receive the work product produced by GRANT RECIPIENT under this Agreement up to the time of termination, prior to GRANT RECIPIENT being reimbursed. In no case will the compensation paid to GRANT RECIPIENT for partial completion of the services exceed the amount GRANT RECIPIENT would have received had the services been completed.

In the event that termination by SEMCOG is necessitated by any wrongful breach, failure, default, or omission by GRANT RECIPIENT, SEMCOG will be entitled to pursue whatever remedy is available to it, including, but not limited to, withholding funds or off-setting against funds owed to GRANT RECIPIENT under this Agreement, as well as any other existing or future contracts or agreements between GRANT RECIPIENT and SEMCOG, for any and all damages and costs incurred or sustained by SEMCOG as a result of its termination of this Agreement due to the wrongful breach, failure, default, or omission by the GRANT RECIPIENT. In the event of termination of this Agreement, SEMCOG may procure the professional services from other sources and hold GRANT RECIPIENT responsible for any damages or excess costs occasioned thereby.

## 25. ASSIGNMENT OF ANTITRUST RIGHTS

With regard to claims based on goods or services that were used to meet GRANT RECIPIENT obligation to SEMCOG under this Agreement, GRANT RECIPIENT hereby irrevocably assigns its right to pursue any claims for relief or causes of action for damages sustained by the State of Michigan or MDOT and SEMCOG due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan.

GRANT RECIPIENT shall require any GRANT RECIPIENTS to irrevocably assign their rights to pursue any claims for relief or causes of action for damages sustained by the State of Michigan MDOT and SEMCOG with regard to claims based on goods or services that were used to meet the GRANT RECIPIENT obligation to SEMCOG under this Agreement due to any violation of 15 USC, Sections 1 - 15, and/or 1984 PA 274, MCL 445.771 - .788, excluding Section 4a, to the State of Michigan as a third-party beneficiary.



GRANT RECIPIENT shall notify MDOT and SEMCOG if it becomes aware that an antitrust violation with regard to claims based on goods or services that were used to meet the GRANT RECIPIENT obligation to MDOT and SEMCOG under this Agreement may have occurred or is threatened to occur. GRANT RECIPIENT shall also notify MDOT and SEMCOG if it becomes aware of any person's intent to commence, or of commencement of, an antitrust action with regard to claims based on goods or services that were used to meet GRANT RECIPIENT obligation to SEMCOG under this Agreement.

## 26. TERM OF AGREEMENT

Upon award, this Agreement will be in effect from 07/01/24 through 06/30/25 for an amount not to exceed \$40,000 as budgeted in the 2024-2025 Unified Work Program. Reimbursements will be based on actual costs.

Pass-Through Grant Recipient Information:

	Total Funds	Federal Funds	Local Match
FHWA PL 112 Funds CFDA #20.205	\$40,000	\$32,740	\$7,260

Federal Award: July 1, 2024

Federal Award Identification Number (FAIN): 693JJ22430000Y450MI24A0634

SEMCOG Grant: Consolidated Planning Grant (CPG25)

SEMCOG Project: Local & Public Capacity Billing (25314)

This agreement hereby certifies and guarantees that the local match of **\$7,260** for the **Stormwater Management** Planning Grant award of **\$40,000** from the SEMCOG Planning Assistance Program, which is funded in the 2024-2025 Unified Work Program for Southeast Michigan, has been properly appropriated and provided by **CITY OF AUBURN HILLS**.

The funds herein provided shall be utilized for transportation planning activities carried out by the hereinafter-named authority in accordance with the 2024-2025 Unified Work Program. These are not R&D funds.

## 27. NARRATIVE AND BUDGET

Grant Recipient: **City of Auburn Hills**

Project Name: **Auburn Hills Stormwater Management Plan**

### Narrative

Under this project the City of Auburn Hills will develop a comprehensive Stormwater Management Plan to address the city's stormwater needs. Necessary steps to form a comprehensive Stormwater Management Plan will include a survey of existing conditions, stakeholder input sessions, and a prioritization of the work that must be undertaken. With this Stormwater Management Plan, the City of Auburn Hills will be able to effectively manage and budget stormwater improvements well into the future. The steps taken to create a comprehensive Stormwater Management Plan in Auburn Hills can be recreated and followed by any other municipality so they too can effectively wrap their arms around their stormwater needs.

**Budget**

Project Initiation / Existing Conditions	\$3,000
Stakeholder Input Sessions	\$5,000
Needs Assessment Prioritization	\$20,000
Plan Preparation	\$12,000
<b>TOTAL</b>	<b>\$40,000</b>

28. AWARD

The Agreement will become binding on the parties and of full force and effect upon signing by the duly authorized representatives of GRANT RECIPIENT and SEMCOG and upon adoption of a resolution approving said Agreement and authorizing the signature(s) thereto of the respective representative(s) of GRANT RECIPIENT, a certified copy of which resolution will be sent to SEMCOG with this Agreement, as applicable.

IN WITNESS WHEREOF, the parties have caused this Agreement to be awarded.

**SOUTHEAST MICHIGAN COUNCIL OF GOVERNMENTS**

By: \_\_\_\_\_  
Executive Director

**CITY OF AUBURN HILLS**

By: \_\_\_\_\_  
Title: \_\_\_\_\_  
Entity Identifier (DUNS#) \_\_\_\_\_

APPENDIX A  
PROHIBITION OF DISCRIMINATION IN STATE CONTRACTS

The Michigan Department of Transportation has a responsibility to ensure that contractors comply with federal contracting requirements, including equal opportunity requirements, and to assist in and cooperate with Federal Highway Administration (FHWA) programs to ensure that equal opportunity is afforded to all. In connection with the performance of work under this contract, the contractor, for itself, its assignees, and its successors in interest (hereinafter referred to as the “contractor”), agrees as follows:

1. In accordance with Public Act 453 of 1976 (Elliott-Larsen Civil Rights Act), the contractor shall not discriminate against an employee or applicant for employment with respect to hire, tenure, treatment, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of race, color, religion, national origin, age, sex, height, weight, or marital status. A breach of this covenant will be regarded as a material breach of this contract.

In accordance with Public act 220 of 1976 (Persons with Disabilities Civil Rights Act), as amended by Public Act 478 of 1980, the contractor shall not discriminate against any employee or applicant for employment with respect to tenure, terms, conditions, or privileges of employment or a matter directly or indirectly related to employment because of a disability that is unrelated to the individual’s ability to perform the duties of a particular job or position. A breach of the above covenants will be regarded as a material breach of this contract.

Furthermore, on any federally-assisted contract, the contractor and GRANT RECIPIENT shall comply with the equal employment opportunity provisions of 23 CFR Subpart D—Construction Contract Equal Employment Opportunity Compliance Procedures, 49 CFR Part 21--Non-Discrimination in Federally-Assisted Programs of the Department of Transportation --Effectuation of Title VI of the Civil Rights Act of 1964, Executive Order 11246, Title VII of the Civil Rights Act of 1964 (Title VII), Public Act 220 of 1976, and Public Act 453 of 1976.

2. The contractor will take affirmative action to ensure that applicants for employment and employees are treated without regard to their race, color, religion, national origin, sex, height, weight, marital status, or any disability that is unrelated to the individual’s ability to perform the duties of a particular job or position. Such action shall include, but not be limited to, the following: employments; treatment; upgrading; demotion or transfer; recruitment; advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.
3. The contractor shall, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, age, sex, height, weight, marital status, or disability that is unrelated to the individual’s ability to perform the duties of a particular job or position.
4. The contractor or its collective bargaining representative shall send to each labor union or representative of workers with which the contractor has a collective bargaining agreement or other contract or understanding a notice advising such labor union or workers’ representative of the contractor’s commitments under this Appendix.
5. The contractor shall comply with all relevant published rules, regulations, directives, and orders of the Michigan Civil Rights Commission that may be in effect prior to the taking of bids for any individual state project.

6. The contractor shall furnish and file compliance reports within such time and upon such forms as provided by the Michigan Civil Rights Commission; said forms may also elicit information as to the practices, policies, program, and employment statistics of each GRANT RECIPIENT, as well as the contractor itself, and said contractor shall permit access to the contractor's books, records, and accounts by the Michigan Civil Rights Commission and/or its agent for the purposes of investigation to ascertain compliance under this contract and relevant rules, regulations, and orders of the Michigan Civil Rights Commission.
7. In the event that the Michigan Civil Rights Commission finds, after a hearing held pursuant to its rules, that a contractor has not complied with the contractual obligations under this contract, the Michigan Civil Rights Commission may, as a part of its order based upon such findings, certify said findings to the State Administrative Board of the State of Michigan, which State Administrative Board may order the cancellation of the contract found to have been violated and/or declare the contractor ineligible for future contracts with the state and its political and civil subdivisions, departments, and officers, including the governing boards of institutions of higher education, until the contractor complies with said order of the Michigan Civil Rights Commission. Notice of said declaration of future ineligibility may be given to any or all of the persons with whom the contractor is declared ineligible to contract as a contracting party in future contracts. In any case before the Michigan Civil Rights Commission in which cancellation of an existing contract is a possibility, the contracting agency shall be notified of such possible remedy and shall be given the option by the Michigan Civil Rights Commission to participate in such proceedings.
8. The contractor agrees to cooperate with the Department's Project Manager or designee and the Department's Equal Employment Opportunity Officer to resolve any complaints brought against the contractor or any GRANT RECIPIENT on any federally assisted project or program by an employee, applicant for employment, or employee of the Department, regardless of whether or not the employee is employed by the contractor, GRANT RECIPIENT, or the Department, or is an applicant for employment, alleging prohibited discrimination. Prohibited discrimination includes, but is not limited to, sexual harassment, racial discrimination, and other protected categories set forth under Title VII and Public Act 453 of 1976.
9. The contractor shall comply with 23 CFR Subpart D and Executive Order 11246, and as such, the contractor or GRANT RECIPIENT shall conduct a prompt, thorough, and fair investigation of all complaints brought forward under Title VII and Public Act 453 of 1976, in cooperation with the Department's Equal Employment Opportunity Officer.
10. The contractor shall provide a written report detailing the findings of the investigation to the Department's Project Manager and Equal Employment Opportunity Officer when the complaint made against the contractor is by a Department employee or by an applicant for employment. The Department's Equal Employment Opportunity Officer shall review the report for compliance with 23 CFR Subpart D. It is the Department's intent to correct any current acts and prevent any future acts of discrimination arising out of a Title VII or Public Act 453 of 1976 complaint. Title VI complaints will be addressed through the Contractor Compliance Section in the Department's Office of Business Development.
11. The contractor shall include or incorporate by reference the provisions of all applicable covenants set forth in Sections 1 through 10 above in all subcontracts and purchase orders unless exempted by rules, regulations, or orders of the Michigan Civil Rights Commission; all subcontracts and purchase orders will also state that said provisions will be binding upon each GRANT RECIPIENT or supplier.

Application:

1. On any federally assisted contract, the contractor and GRANT RECIPIENT agree to comply with the equal employment opportunity provisions of 23 CFR Subpart D, 49 CFR Part 21, Executive Order 11246, Title VII, Public Act 220 of 1976, and Public Act 453 of 1976.
2. FHWA responsibilities under 23 CFR Part 230.405: The FHWA has the responsibility to ensure that contractors meet contractual equal opportunity requirements under Title 23 USC and to provide guidance and direction to states in the development and implementation of a program to ensure compliance with equal employment opportunity requirements.
3. FHWA Order 4710.8 clarifies that the Office of Federal Contract Compliance Programs of the Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and its implementing regulations.
4. Failure of the Department to discharge the responsibilities set forth in 23 CFR Part 230.405(b)(1) may result in the U.S. Department of Transportation taking any or all of the following actions (see 23 CFR Part 630, Subpart C, Appendix A):
  - i) canceling, terminating, or suspending the federal aid project agreement in whole or in part;
  - ii) refraining from extending any further assistance to the Department for the program under which the failure or refusal occurred until satisfactory assurance of compliance is received from the Department; and
  - iii) referring the case to the appropriate federal agency for legal proceedings.

APPENDIX B  
TITLE VI ASSURANCE

During the performance of this contract, the contractor, for itself, its assignees, and its successors in interest (hereinafter referred to as the “contractor”), agrees as follows.

1. **Compliance with Regulations:** For all federally assisted programs, the contractor shall comply with the nondiscrimination regulations set forth in 49CFR Part 21, as may be amended from time to time (hereinafter referred to as the Regulations). Such Regulations are incorporated herein by reference and made a part of this contract.

Furthermore, on any federally assisted contract, the contractor and GRANT RECIPIENT shall comply with the equal employment opportunity provisions of 23 CFR Subpart D--Construction Contract Equal Employment Opportunity Compliance Procedures, 49 CFR Part 21--Non-Discrimination in Federally-Assisted Programs of the Department of Transportation--Effectuation of Title VI of the Civil Rights Act of 1964, Executive Order 11246, Title VII of the Civil Rights Act of 1964, Public Act 220 of 1976 (Persons with Disabilities Civil Rights Act), and Public Act 453 of 1976 (Elliott-Larsen Civil Rights Act).

2. **Nondiscrimination:** The contractor, with regard to the work performed under the contract, shall not discriminate on the grounds of race, color, sex, or national origin in the selection, retention, and treatment of GRANT RECIPIENTS, including procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by Section 21.5 of the Regulations, including employment practices, when the contractor covers a program set forth in Appendix B of the Regulations.
3. **Solicitation for Subcontracts, Including Procurements of Materials and Equipment:** All solicitations made by the contractor, either by competitive bidding or by negotiation for subcontract work, including procurement of materials or leases of equipment, must include a notification to each potential GRANT RECIPIENT or supplier of the contractor’s obligations under the contract and the Regulations relative to nondiscrimination on the grounds of race, color, or national origin.
4. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations or directives issued pursuant thereto and shall permit access to its books, records, accounts, other sources of information, and facilities as may be determined to be pertinent by the Department of Federal Highway Administration in order to ascertain compliance with such Regulations or directives. If required information concerning the contractor is in the exclusive possession of another who fails or refuses to furnish the required information, the contractor shall certify to the Department or the Federal Highway Administration, as appropriate, and shall set forth the efforts that it made to obtain the information.
5. **Sanctions for Noncompliance:** In the event of the contractor’s noncompliance with the nondiscrimination provisions of this contract, the Department shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to, the following:
  - a. Withholding payments to the contractor until the contractor complies; and/or
  - b. Canceling, terminating, or suspending the contract, in whole or in part.

6. **Incorporation of Provisions**: The contractor shall include the provisions of Sections (1) through (6) in every subcontract, including procurement of material and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the Department or the Federal Highway Administration may direct as a means of enforcing such provisions, including sanctions for non-compliance, provided, however, that in the event a contractor becomes involved in or is threatened with litigation from a GRANT RECIPIENT or supplier as a result of such direction, the contractor may request the Department to enter into such litigation to protect the interests of the state. In addition, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

Revised March 2010

## APPENDIX C

### Assurances that Recipients and Contractors Must Make (Excerpts from US DOT Regulation 49 CFR § 26.13)

- A. Each financial assistance agreement signed with a DOT operating administration (or a primary recipient) must include the following assurance:

The recipient shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of any US DOT-assisted contract or in the administration of its DBE program or the requirements of 49 CFR Part 26. The recipient shall take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of US DOT-assisted contracts. The recipient's DBE program, as required by 49 CFR Part 26 and as approved by US DOT, is incorporated by reference in this agreement. Implementation of this program is a legal obligation and failure to carry out its terms shall be treated as a violation of this agreement. Upon notification to the recipient of its failure to carry out its approved program, the department may impose sanctions as provided for under Part 26 and may, in appropriate cases, refer the matter for enforcement under 18 U.S.C. 1001 and/or the Program Fraud Civil Remedies Act of 1986 (31 U.S.C. 3801 et seq.).

- B. Each contract MDOT signs with a contractor (and each subcontract the prime contractor signs with a GRANT RECIPIENT) must include the following assurance:

The contractor, subrecipient or GRANT RECIPIENT shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of US DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.



**Appendix D**

**Prime Consultant Statement of DBE Sub-Consultant Payments**

Information required in accordance with 49 CFR §26.37 to monitor progress of the prime consultant in meeting contractual obligations to DBEs.

PRIME CONSULTANT		<input type="checkbox"/> CHECK IF PRIME IS MDOT-DBE CERTIFIED		AUTHORIZATION NO.			CONTRACT NO.	
BILLING PERIOD:				Check if Final Payment <input type="checkbox"/>		JOB NO.		
CERTIFIED DBE SUBCONSUL TANT	SERVICES WORK PERFORMED	TOTAL CONTRA CT AMOUN T	CUMULAT IVE DOLLAR VALUE OF SERVICES COMPLET ED	DEDUCTI ONS	ACTUAL AMOUNT PAID TO DATE	ACTUAL AMOUNT PAID DURING THIS REPORTING PERIOD	DBE AUTHORI ZED SIGNATU RE (Final Payment Report Only)	DATE
As the authorized representative of the above prime consultant, I state that, to the best of my knowledge, this information is true and accurate								
PRIME CONSULTANTS AUTHORIZED REPRESENTATIVE (signature)			TITLE			DATE/MDO		

COMMENTS:
<b>SPECIAL NOTE: “Prime Consultant or Authorized Representative” refers to recipients of federal funds as defined at 49 Code of Federal Regulations Part 26</b>

INSTRUCTIONS

**PRIME CONSULTANT OR AUTHORIZED REPRESENTATIVE:**

This statement reports the actual dollar amounts of the project cost earned by and paid to DBE subconsultants. Complete and submit to the Payment Analyst with each billing and within 20 days of receipt of final payment. Some forms may be blank if no payment was made since the previous billing.

For “Contract No., Authorization No.,” and “Job No.” as appropriate, use the numbers assigned by MDOT.

For “Period Covered,” report the calendar days covered by the billing.

For “Services Work Performed” report the main service performed by the subconsultant during the reporting period.

For “Total Contract Amount” report the total amount of the contract between the prime consultant and the subconsultant.

For “Cumulative Dollar Value of Services Completed” report the total amount the subconsultant has earned since beginning this project.

For “Deductions,” report deductions made by the prime consultant to the subconsultant’s “Cumulative Dollar Value of Services Completed” for retainage, bond or other fees, materials, services or equipment provided to the subconsultant according to mutual, prior agreement (documentation of such agreement may be required by MDOT).

For “Actual Amount Paid to Date,” report cumulative actual payments made to the subconsultant for services completed.

For “Actual Amount Paid During this Report Period” report actual payments made to the GRANT RECIPIENT for services during this reporting period.

“Provide “DBE Authorized Signature” for final payment only.

Be sure to sign, title and date this statement.

**MDOT PAYMENT ANALYST:**

Complete “Comments” if necessary, sign date and forward to the Office of Business Development within seven (7) days of receipt.

MDOT Office of Business Development  
PO Box 30050  
Lansing, Michigan 48909  
Questions about this form? Call Toll-free 1-866-DBE-1264

**ATTACHMENT A**  
(This is a reproduction of Appendix A of 49 CFR Part 29)  
**Certification Regarding Debarment, Suspension, and Other  
Responsibility Matters – Primary Covered Transactions**

Instructions for Certification

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.
3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is being submitted for assistance in obtaining a copy of those regulations.
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Lower Tier Covered Transaction," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not proposed for debarment under 48 CFR part 9, subpart 9.4, debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not

required to, check the List of Parties Excluded from Federal Procurement and Nonprocurement Programs.

9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is proposed for debarment under 48 CFR part 9, subpart 9.4, suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

Certification Regarding Debarment, Suspension, and Other Responsibility Matters – Primary Covered Transactions

1. The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
  - a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal department or agency;
  - b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction: violation of
  - c. federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
  - d. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
  - e. Have not within a three year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default
2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

[60 FR 33042, 33064, June 26, 1995]

## ATTACHMENT B

[This is a reproduction of Appendix B of 49 CFR Part 29]  
CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY, AND  
VOLUNTARY EXCLUSION--LOWER TIER COVERED TRANSACTIONS

### Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.
2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.
3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
4. The terms “covered transaction”, “debarred”, “suspended”, “ineligible”, “lower tier covered transaction”, “participant”, “person”, “primary covered transaction”, “principal”, “proposal”, and “voluntarily excluded”, as used in this clause, have the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.
5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.
6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled “Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion--Lower Tier Covered Transaction”, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Nonprocurement List (Telephone No. (517) 335-2513 or (517) 335-2514).
8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department, or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion—Lower Tier Covered Transactions

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

[Federal Register Doc. 88-11561 Filed 5-25-88; 8:45 a.m.]

March 9, 1989



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 70**

**DEPARTMENT OF PUBLIC WORKS**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads**  
**Submitted: July 11, 2024**  
**Subject: Motion – Approve the OHM Advisors Scope of Design Services and G2 Geotechnical Services for the 2025 TIF-B Road Program**

## **INTRODUCTION AND HISTORY**

Included within the 2025 Capital Improvement Plan is the reconstruction of three roads within the TIFA B district: Executive Hills Boulevard, Centre Road, and Innovation Drive. In 2019, Auburn Hills roads were assessed a Pavement Surface Evaluation and Rating (PASER) (from 1-10, 10 being new) to understand the quality of city-owned roads and revise the capital plan to address the worst roadways first. The City Council then resolved in August 2019 to maintain an average PASER rating of six or greater. In 2022, Auburn Hills roads were re-assessed for a more current PASER rating. With those results, all three of these streets had a rating of 4. The roads will be reconstructed as Special Assessment Districts (SAD) as previously directed by City Council. The entire project will be funded through TIF-B with the SAD-funded portion being repaid back to TIF-B.

Initial plans are to fully remove and reconstruct all three roadways with new concrete curbs and asphalt roadway. Any storm and base material issues discovered would also be repaired. In addition to the roadway reconstruction, a new pathway is being considered for one side of Executive Hills Boulevard. During project design, it will be evaluated as to which side of the road will be least impactful to cost and user function due to current grade changes and utility placement. This portion of the project would be solely funded by the city through TIF-B.

Because these projects are projected to begin in 2025, design work will need to begin this year. Staff has requested a scope of work from the City's consulting engineer, OHM Advisors, to provide the necessary design work. The design of this project has been quoted at a not-to-exceed amount of \$325,000. In addition, G2 Consulting will be used by OHM Advisors for geotechnical Services for an estimated cost of \$25,000. The \$25,000 due to G2 Consulting will be split between each project as follows:

Executive Hills Boulevard: \$13,000  
Centre Road: \$8,000  
Innovation Drive: \$4,000

As stated above, this project will be fully-funded through TIF-B and the design contract was awarded to OHM Advisors in the not-to-exceed amount of \$325,000 with geotechnical services being awarded to G2 Consulting at the estimated cost of \$25,000, along with the necessary budget amendments on July 9, 2024.

## **STAFF RECOMMENDATION**

Staff recommends the approval of the design contract for the reconstruction of Executive Hills Boulevard, Centre Road, and Innovation Drive, and the construction of a pathway along Executive Hills Boulevard, to OHM Advisors in the not-to-exceed amount of \$325,000 and geotechnical services to G2 Consulting at the estimated cost of \$25,000. In addition, staff recommends a budget amendment to increase appropriations by the following in each respective account:



252-736-973.000-EXECUTIVESAD: \$125,500  
252-736-973.000-CENTRERD\_SAD: \$45,500  
252-736-973.000-INNOVATION: \$16,500

**CITY MANAGER'S NOTE:** The memo before you is not a request to approve funding, rather, it is City Council's authorization to conduct improvements on roads under the control of the City Council and whose associated costs are being funded by the Tax Increment Finance Authority.

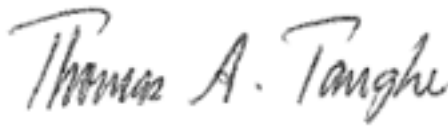
**MOTION**

**Move to approve the design contract for the TIFA B Road Program to OHM Advisors, geotechnical services to G2 Consulting and authorize a budget amendment to increase appropriations in the 2024 TIF-B budget as shown in the staff recommendation section of the attached memo.**

**EXHIBITS**

Exhibit 1 – OHM Advisors Design Scope

**I CONCUR:**



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**THOMAS A. TANGHE, CITY MANAGER**



June 27, 2024

City of Auburn Hills  
1500 Brown Road  
Auburn Hills, MI 48326

Attention: **Mr. Stephen Baldante**  
Director of Public Works

Regarding: **2025 TIFA B Road Program**  
**Executive Hills Boulevard, Centre Road, and Innovation Drive**  
Scope of Engineering Services

Dear Mr. Baldante:

Thank you for this opportunity to provide professional engineering services for the above referenced project. We have prepared the following project understanding and scope of services to be provided by OHM Advisors based on our previous discussions.

## **PROJECT UNDERSTANDING**

The project consists of the reconstruction of various local roads within the TIFA B District, including Executive Hills Boulevard, Centre Road, and Innovation Drive. It is our understanding that the City wishes to implement Special Assessment Districts (SADs) for these road improvement projects. The City portion of the project will be funded through TIFA B. The anticipated construction cost for the overall project is approximately \$7.25 million.

The Executive Hills Boulevard reconstruction will include full removal and replacement of the curbed boulevard roadways. This reconstruction work would include the medians, crossovers, and significant driveway replacements. The existing drainage structures and surface drainage would be investigated to determine the functionality of the current roadway drainage. The City has expressed the desire to implement a pathway along one side of Executive Hills. It has yet to be determined which side would be less impactful to cost and user function as a combination of retaining walls and utility relocations may be needed to facilitate the installation. Median and outside greenbelt landscaping would look to be left in place besides areas impacted by the pathway design.

The Centre Road reconstruction will include full removal and replacement of the curbed roadway. This reconstruction work would include the medians at the Opdyke Road entrances and the removal of the current composite pavement. Almost two decades ago the existing concrete pavement was “crack & sealed” and overlaid with asphalt to rehabilitate the roadway. This rehabilitation has reached its useful life, and the roadway is due for reconstruction. The existing drainage structures and surface drainage would be investigated to determine the functionality of the current roadway drainage.

The Innovation Drive reconstruction will include full removal and replacement of the curbed roadway as well. This reconstruction work would include the eastern cul-de-sac and removal of a composite pavement very similar to Centre Road. Again, the existing drainage structures and surface drainage would be investigated to determine the functionality of the current roadway drainage. The proposed geometry of the roadway would be analyzed to make sure it is properly serving Joyson Safety and HUB Stadium.



## **SCOPE OF SERVICES**

### **Task 1 – Project Initiation and Obtain Information**

Under this task, we will initiate the project and obtain necessary information to proceed with the design. Specific work efforts include:

- Organize and attend a kickoff meeting with City staff to review project objectives, prepare design criteria, and establish a specific delivery schedule.
- Review existing utility information and record drawings for the project areas.
- Perform a site review to identify elements that are sensitive to project, i.e. driveway locations and other access issues, utility facilities in the area, geometric deficiencies, landscape/aesthetic features, and drainage items.
- Obtain specific topographic survey information for the project areas.
- Notify known utility agencies of the proposed work and verify locations of existing known utilities, including both public and private, within the project limits for conflicts and coordinate relocations if necessary.
- Coordinate with a Geotechnical Engineer to obtain soil borings and pavement cores along the project route.
- Arrange and attend three separate meetings with City staff and all SAD stakeholders to review project concepts, alternatives, and constraints.

### **Task 2 – Preliminary Plan Development**

Under this task, we will undertake the preparation of plans and specifications for the project and apply for the necessary permits. Specific work efforts include:

- Review field information collected to identify any deficient areas in the existing conditions.
- Prepare typical roadway cross-sections for the project.
- Determine preliminary geometrics for the road repair areas.
- Coordinate with the Geotechnical Engineer and assist in developing pavement cross-sections for the proposed repair areas.
- Evaluate sidewalk ramps to be upgraded to current ADA requirements within the project areas.
- Develop road plans in accordance with current AASHTO standards based on comments received from the City on base plans. Plans will be prepared using a scale of 1"=40' (profile scale 1"=4').
- Develop proposed drainage and storm sewer plans in accordance with City standards as necessary.
- Prepare or reference technical specifications entailing materials, equipment, and labor necessary to perform the work.
- Compute preliminary quantities and prepare a preliminary Engineer's Opinion of Probable Construction Cost.
- Prepare a Maintenance of Traffic (MOT) plan.
- Develop pavement marking and signing plans within the affected influence of the project in accordance with MMUTCD requirements.
- Evaluate grading and ROW impacts associated with the proposed work and determine construction limits.
- Prepare proposed preliminary schedule for work including the construction start, substantial completion, and final completion dates.
- Prepare documents to obtain a Oakland County Water Resources Commissioner (OCWRC) soil erosion permit, Road Commission for Oakland County (RCOC) work in right-of-way permit, and other permits deemed necessary to complete the project as described.
- Arrange and attend a meeting with City staff to review the preliminary plans and specifications.
- Attend/conduct additional public meetings as needed (up to 5) for the purpose of assisting in the SAD processes and ensuring the requirements for Resolutions 1-5 are met in the plan preparation and bidding process.

### **Task 3 – Final Design and Contract Documents**

Based on comments received on the preliminary plans and final construction documents will be created and advertised for bidding. Specific work efforts include:

- Finalize design plans based on comments obtained.
- Complete construction details.



- Finalize detailed grading.
- Finalize grading easement limits and locations as required.
- Prepare a bid sheet entailing all items of work and associated quantities.
- Prepare a final engineer's opinion of probable cost.
- Prepare and place an advertisement for bid.
- Finalize schedule for proposed work including the construction start, substantial completion, and final completion dates.
- Produce copies of contract documents.
- Attend the bid opening.
- Prepare and evaluate a project bid tab.
- Check references for the three lowest bidding contractors.
- Provide a recommendation of award.
- OHM will assist in executing the Contract books including the following
  - i. Create and mail out a Notice of Award letter to the awarded Contractor.
  - ii. Coordinate the execution of six (6) copies of contract book.
  - iii. Produce two (2) executed copies of contract documents for the City. One copy will be delivered to the City Clerk and one copy will be delivered to the DPW.
- If the City Council does not award the contract, then OHM will communicate that information to the appropriate Contractors.

## SCHEDULE

The project will commence upon authorization to proceed. It is anticipated that the field work for the design would take place in the summer of 2024, with design, permitting and bidding following. We anticipate that the project could be bid for a presentation to City Council in spring of 2025. If the project is approved, construction could commence in April/May of 2025. This schedule is based upon an authorization to proceed given by July 15, 2024, and successful completion of required special assessment milestones.

## COMPENSATION

The services outlined above will be performed on an hourly basis for the not-to-exceed amount of three hundred twenty-five thousand dollars (\$325,000.00). This amount is based on the assumptions listed below. The City will be invoiced for services on a monthly basis. The estimated budget breakdown is as follows:

Executive Hills Boulevard	\$175,000
Centre Road	\$100,000
Innovation Drive	<u>\$ 50,000</u>
Total	\$325,000
Geotechnical Services Estimate (G2 Consulting)	\$ 25,000

## FURTHER CLARIFICATIONS AND ASSUMPTIONS

The above-listed scope of services was prepared with the following assumptions:

- The City will be responsible for all permit application fees and permit fees.
- Geotechnical Services will be provided by G2 under a separate contract and are not included in this scope of services. The estimated amount for this service is indicated above.
- There will only be one pathway along Executive Hills.
- No permanent right-of-way is anticipated. City will obtain temporary grading easements, if required.
- OHM will be pleased to provide any additional services for this project on an hourly basis. Services not included in this proposal:



- a. Construction phase services such as, but not limited to, construction management, construction engineering, construction administration, construction observation and/or construction layout.
- b. Relocation design services for water main and/or sanitary sewer, if required.
- c. Wetland delineation and survey, mitigation, and permitting.
- d. Environmental assessments or reports, drainage studies, or other environmental evaluations associated with potential contaminated soils.
- e. Traffic signalization design.
- f. Preparation of plans for landscaping and ornamental features.
- g. Location of private utilities, other than requesting as-built information from private utility owners.

Should you find this agreement acceptable, please sign the authorization below and return a copy to us for our files. We look forward to providing professional services on this project. If you have any questions, please contact us.

Sincerely,

**OHM Advisors**

Timothy J. Juidici, P.E.  
Principal-in-Charge

cc: Jason Hefner, Manager of Roads & Fleet  
Brandon Skopek, Assistant City Manager  
Alex Parent, OHM

**City of Auburn Hills  
TIFA B Road Program  
Engineering Design Services**

Accepted By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 9A

COMMUNITY DEVELOPMENT

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Steven J. Cohen, AICP, Director of Community Development  
**Submitted:** August 5, 2024  
**Subject:** Oakland Christian School – Parking Expansion  
**Motion – Approval of Special Land Use Permit, Site Plan, and Tree Removal Permit**

### INTRODUCTION AND HISTORY

Oakland Christian School (OCS) requests approval to construct an additional 93 parking spaces (net 79 parking spaces) and a parent pick-up/drop-off loop at 3075 Shimmons Road. The 2.16-acre impacted area is zoned R-1A, One-Family Residential District. The new parking area at the school's primary entrance will expand the facility's overall parking capacity from 194 to 273 spaces.



*Illustrated Site Plan*

**The project results from an agreement between the City of Auburn Hills and the OCS to swap land to allow the realignment of the Shimmons Road curve, which had been envisioned and discussed between the parties for over a decade.** The road redesign will improve sight lines and safety in the area by creating a softer curve, along with an extended sidewalk in the vicinity. The proposed new road alignment required the City to acquire property owned by OCS by deed. In return, the City has committed to vacate and transfer the existing right-of-way where the road currently exists (once the new curve installation is complete) to allow the school's parking lot expansion.



**KEY ISSUE**

**Unauthorized Tree Removal.** As the City Council is aware, the removal of 85 protected trees has occurred at the OCS property without City authorization. **In the end, the early removal of the trees produced the same result as if the City Council had issued the Tree Removal Permit.**



*Photo of the property taken July 9, 2024*

As discussed previously, over a decade has gone into planning the relocation of Shimmons Road at the curve adjacent to/on OCS's property, and the City's road project is underway. One of the early steps in this process was that the City, as part of the project, had specific trees removed within the new road right-of-way in preparation for the construction of the new road. Under the Woodlands Preservation Ordinance, the City's road project does not require a Tree Removal Permit.

City staff and OCS had previously discussed using the same contractor for tree removal, gaining economies of scale by doing it simultaneously, and then using the cleared area on the OCS property as the staging area for the road construction (e.g., dirt piles, along with pipe, material, and construction equipment storage)—thus incorporating tree removal on the OCS property into the City's road project. However, OCS and the City never reached a formal agreement to do so, so the City moved ahead on its own, tree clearing for the new road curve in the new right-of-way.

After the City's tree clearing occurred, City staff learned that a representative from OCS arranged the removal of the trees on the OCS property with the City's contractor without City staff authorization and before City Council approval of the project's Site Plan/Tree Removal Permit. OCS has since been very apologetic about the tree removal, along with the actions of the representative. Once again, it is noted that the 85 trees OCS removed are the same trees that would have been removed after they obtained Site Plan/Tree Removal Permit approval. The OCS parking expansion area will be appropriately revegetated as part of the project in accordance with the City's landscape ordinance.

**KEY ISSUE (cont.)**

The City Council could require the removed trees to be replaced at 100 percent DBH (measured diameter at breast height) instead of one-for-one per Section 34-315(b) of the Woodlands Preservation Ordinance. If applied, the penalty could result in 313 replacement trees (782 cumulative DBH/2.5 inches = 313 trees) being planted on the OCS property instead of the conventionally required 85 replacement trees. **Staff does not recommend that the City Council penalize OCS for the early tree removal, as the City has partnered with them to achieve the long-envisioned road realignment in front of their property.**

**STAFF RECOMMENDATION**

**Please be advised that the City's Administrative Site Plan Review Team has reviewed this project and recommends approval.**

We recommend Approval of the Special Land Use Permit request to allow for the parking expansion at the private school and offer the following discretionary findings of fact:

1. The location of the use will not negatively impact adjacent areas, which include residential-zoned property.
2. The land will be used in accordance with its immediate character, which is planned and zoned for residential development.
3. The requirements of Section 1818 in the City's Zoning Ordinance will be met.
4. The use will promote the purpose and intent of the City's Zoning Ordinance.
5. The use will be consistent with the health, safety, and general welfare of the City of Auburn Hills and the purpose and intent of the City's Zoning Ordinance.

We recommend Conditional Approval of the Site Plan and Tree Removal Permit and offer the following discretionary findings of fact:

1. The Site Plan contains sufficient basic information required by the Zoning Ordinance for a recommendation.
2. The requirements of Section 1815, Items 7A-7E of the Zoning Ordinance can be met as follows:
  - a) All requirements and standards of the Zoning Ordinance and other City Ordinances can be met.
  - b) Safe, convenient vehicular and pedestrian ingress/egress has been depicted; primary access will be to Shimmons Road.
  - c) Traffic circulation features within the site and the location of parking areas avoid common traffic problems and can promote safety.
  - d) A satisfactory and harmonious relationship will exist between the proposed development and the surrounding area.
  - e) The proposed use will not have an unreasonable, detrimental or injurious effect upon the natural characteristics of the subject parcel, or the adjacent area.
3. 93 parking spaces (net 79 parking spaces) are depicted within the expanded parking area.
4. The parking layout for the expanded area meets minimum requirements, and barrier-free parking spaces are provided (four are required, and four are provided). One space is van accessible.
5. Building and parking setback requirements will be met.
6. Greenbelts will be provided.
7. Landscape requirements will be met, and calculations have been submitted.
8. A note indicates that exterior lighting shall meet the requirements of the Zoning Ordinance. Pole and wall-mounted lighting shall be shielded and directed downward. Lamp bulbs and lenses shall not extend below the light fixture shields. Light poles are designed to be 25 feet in height from the finished grade.
9. A note indicates that signs shall meet the requirements of the Zoning Ordinance.
10. A note indicates that parking spaces shall be double-striped.



**STAFF RECOMMENDATION (cont.)**

11. Ground-mounted and roof-mounted mechanical equipment will be screened.
12. A note indicates that outside storage, including pallet storage, overnight vehicles, and trailer storage, will not be permitted.
13. The City will extend a five-foot-wide public sidewalk in front of the school as part of the road construction project. Complete Streets considerations were made as part of the site design, with an internal sidewalk connection proposed from the building to the public sidewalk along Simmons Road.
14. 85 protected trees impacted by this project were removed in conjunction with the City's road construction project prior to the City's approval of a Tree Removal Permit. 87 replacement trees are provided.
15. OCS has agreed to prep the parking lot for two electric vehicle charging stations. They will install electrical stubs at planned station locations and run a conduit from the power source to the stubs during construction to support the future installation of the charging stations when needed.

**Conditions:**

1. OCS shall comply with the requirements of Section 2007. Performance Guarantees of the Zoning Ordinance.
2. After the Simmons Road vacation is completed, OCS shall obtain land exchange and land combination approval to create the development site.
3. OCS shall restripe and sign the six existing barrier-free parking spaces in the existing south lot.
4. Site Plan approval shall be based on the representations made by the OCS, as documented in this report, submittal materials, and the public meeting minutes.

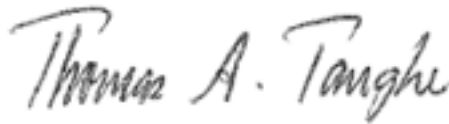
**PLANNING COMMISSION RECOMMENDATION**

**Recommended Approval on July 31, 2024 (7-0 vote)**

**MOTION**

**Move to accept the Planning Commission's recommendation and approve the Special Land Use Permit, Site Plan, and Tree Removal Permit for The Oakland Christian School – Parking Expansion subject to the conditions of the City's Administrative Review Team.**

**I CONCUR:**



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**THOMAS A. TANGHE, CITY MANAGER**



**CITY OF AUBURN HILLS  
PLANNING COMMISSION  
MINUTES  
NOT YET APPROVED - EXCERPT**

July 31, 2024

**CALL TO ORDER:** Chairperson Ouellette called the meeting to order at 7:00 p.m.

**ROLL CALL:** Present: **Carolyn Shearer, Ray Saelens, Darlene MacMillan, Jack Ferguson, Cynthia Pavlich, Laura Ochs, Greg Ouellette**  
Absent: Sam Beidoun, Dominick Tringali  
Also Present: Director of Community Development Steve Cohen, Assistant to the Director of Community Development Devin Lang, City Engineer Tim Juidici (OHM), and City Engineer Hannah Driesenga (OHM)  
Guests: 8

**LOCATION:** Council Chambers, 1827 N. Squirrel Road, Auburn Hills, MI 48326

## **5. PETITIONERS**

### **5a. Oakland Christian School – Parking Expansion (7:02 p.m.)**

**Public Hearing/Motion – Recommendation to City Council for Special Land Use Permit, Site Plan, and Tree Removal Permit approval to construct a new parking area with a parent drop-off/pick-up loop.**

Mr. Cohen explained that this is a request from Oakland Christian School (OCS) to construct an additional ninety-three (93) parking spaces (net 79 parking spaces) and a parent pick-up/drop-off loop at 3075 Shimmons Road. The 2.16-acre impacted area is zoned R-1A, One-Family Residential District. The new parking area at the school's primary entrance will expand the facility's overall parking capacity from 194 to 273 spaces.

The project results from an agreement between the City of Auburn Hills and OCS to swap land to allow for the realignment of the Shimmons Road curve, which had been envisioned and discussed between the parties for over a decade. The road redesign will improve sight lines and safety in the area by creating a softer curve, along with an extended sidewalk in the vicinity. The proposed new road alignment required the City to acquire property owned by OCS by deed. In return, the City has committed to vacate and transfer the existing right-of-way where the road currently exists to allow the school's parking lot expansion.

Mr. Cohen explained that OCS removed 85 protected trees on its property without City authorization and has apologized for the mistake. These trees are the same trees that would have been removed after OCS obtained Site Plan/Tree Removal Permit approval. The OCS parking expansion area will be appropriately revegetated as part of the project in accordance with the City's ordinances.

Mr. Juidici provided information regarding the reconstruction of Dexter and Shimmons Roads and an update on the Shimmons Road reconstruction project. The road reconstruction project is expected to be completed by August 20, 2024, just before school begins.

Mr. Juidici further discussed that current traffic patterns and counts now justify the City's potential facilitation of a new signal at the intersection of N. Squirrel Road and Shimmons Road based on a recent study conducted by their firm. The conditions now meet a warrant, which is a condition that an intersection must meet to justify a signal installation per the Manual on Uniform Traffic Control Devices.

**Susan Brock, Superintendent of Oakland Christian School, 3075 Shimmons Road, Auburn Hills, MI, and Jim Butler, PEA Group, 1849 Pond Run, Auburn Hills, MI, were available to answer any Commission questions.**

The Commission asked about the following:

1. The length of time that Shimmons Road will be closed;
2. How the tree removal incident occurred;
3. The number of trees removed prematurely;
4. The plan for water retention for the parking lot redesign;
5. A contingency plan if the road reconstruction project is incomplete by August 20<sup>th</sup>.

Mr. Juidici explained that the road closures beginning August 1<sup>st</sup> are expected to last approximately 3-4 weeks.

Ms. Brock stated that the school was working with the same contractor the City used for the tree removal. There was a miscommunication between OCS and the contractor that the school's tree removal project would begin after the City's tree removal project was completed. The contractor removed all the trees for the road and school projects at one time in one day. Ms. Brock apologized for the misunderstanding between OCS and the contractor and assured the Commission that replacement trees would be planted as required by the City's landscape ordinance.

Mr. Saelens and Ms. Ochs expressed concern about the premature tree removal incident.

Mr. Cohen advised the Commission that everything would be done appropriately moving forward and in accordance with ordinance requirements, albeit out of order. Mr. Cohen explained that 85 protected trees were removed, and 87 replacement trees will be planted. The trees will be a mix of evergreen and deciduous in compliance with the City's ordinance.

Mr. Cohen explained to the Commission that the City has been working with the school and the previous property owner for approximately ten years to redesign the Shimmons Road curve.

Mr. Juidici explained that they have been working with PEA to finalize the details regarding the water retention. The existing pond is older, and capacity will be addressed during the engineering phase.

Ms. Brock stated that if the reconstruction is not complete by August 20<sup>th</sup>, the school could delay the start of the school year by a week or so. In addition, the school is working with the neighboring Church of Christ on Bald Mountain Road to use their lot temporarily for parking. OCS is also working on a contingency plan for parking during the construction of the new parking lot.

Mr. Ouellette opened the public hearing at 7:17 p.m.

Bill Kokenos, 3321 Grove Lane, Auburn Hills, is president of the Auburn Grove Condominium HOA. He stated that the HOA supports the project but is concerned about the traffic impacts of the current road project on the subdivision, given the road closures. He is concerned that cut-through traffic and large construction vehicles cause dangerous conditions. He also noted that the community fully supports a traffic light at the Shimmons Road and Squirrel Road intersection.

Mr. Juidici stated that numerous "road closed" signs and barricades would be erected when the new curve ties into the existing Shimmons Road. The City will be working with the contractor to prevent the issues raised by Mr. Kokenos.

Mr. Cohen and Mr. Juidici explained that the City Council would discuss installing a light at the intersection of Shimmons Road and N. Squirrel Road during the upcoming budget cycle. Mr. Juidici reiterated that traffic volume conditions now warrant a traffic light to be utilized based on a recent study conducted by the City. The cost of the traffic light would be approximately \$350,000. Commissioners expressed their support for a traffic light at this intersection. Ms. Pavlich suggested increasing the number of intersection police patrols until the traffic light is installed.

Dale Ermshler, 5350 Great Fosters Drive, Rochester, has children who attend Oakland Christian School. He concurred with the necessity of a traffic light at the intersection, especially given the number of young, inexperienced drivers attempting to exit the parking lot.

Wendy Paton, 3201 Zaher Drive, stated that the removed trees were all hardwood trees. She explained that the trees were removed all in one day. She asked what type of trees would be used as replacements. Mr. Cohen stated that the City requires a diversity of evergreen and deciduous trees. Approximately ten different species of trees will be planted on the property.

Ms. Ochs asked if the City had enough staff to monitor construction projects. Mr. Cohen stated yes and that the tree removal was an unusual incident that happened quickly.

Mr. Saelens suggested trimming the trees at the intersection of Shimmons Road and N. Squirrel Road to improve sight distance.

A resident (unidentified) agreed that trimming the trees at the intersection would help. She suggested planting some red maples as replacement trees. She also suggested adding another lane to the exit so that the vehicles turning right do not have to wait for the left-turning cars to have a gap in traffic. It was determined that red maple trees are included in the project's landscape plan.

There being no further public comments, Mr. Ouellette closed the public hearing at 7:47 p.m.

**Moved by Ochs to recommend to City Council approval of the Special Land Use Permit, Site Plan, and Tree Removal Permit for the Oakland Christian School parking expansion subject to the conditions of the City's Administrative Review Team.**

**Second by Ferguson.**

**VOTE: Yes: Saelens, Ochs, Shearer, MacMillan, Ferguson, Pavlich, Ouellette**

**No: None**

**Motion Carried (7-0)**



# Development Application



Project Name: Oakland Christian School

General Project Location: 3075 Shimmons Road

Parcel Size: 17.00 Acres Zoning: R-1A

Sidwell Number(s): 14-12-151-001  
14-11-267-007

Project Description: \_\_\_\_\_

Construction of a new parking area

Building Size (sq. ft.): N/A

## City Use Only

Address: 3075 Shimmons Rd

Date Received: 6/26/24

Fees Paid: \_\_\_\_\_

SP #: 240006

SLU #(s): 240006

LD/LE/SUB #: \_\_\_\_\_

RZ #: \_\_\_\_\_

PUD #: \_\_\_\_\_

ZBA #: \_\_\_\_\_

PTR240004

## Check requested review(s)

☒ Site Plan

☒ Tree Removal Permit

☒ Special Land Use Permit(s) \_\_\_\_\_

☐ Land Division

☐ Land Exchange

☐ Subdivision

☐ Planned Unit Development - Step 1/Step 2/Combined

☐ Rezoning \_\_\_\_\_ to \_\_\_\_\_

☐ ZBA Variance or Interpretation  
(see supplemental application)

☐ Other \_\_\_\_\_

Applicant

Name: Oakland Christian School Signature: Susan Brock

Business Name and Address: 3075 Shimmons Road

City: Auburn Hills State: MI Zip Code: 48326 Phone Number: 248-313-2100

Fax Number: \_\_\_\_\_ Alt. Phone Number(s): \_\_\_\_\_

Property  
Owner(s)

Name: Oakland Christian School Signature: Susan Brock

Business Name and Address: 3075 Shimmons Road

City: Auburn Hills State: MI Zip Code: 48326 Phone Number: 248-313-2100

(Provide additional sheet if necessary for multiple property owners)

Please contact the City of Auburn Hills Community Development Department,  
1827 N. Squirrel Road, Auburn Hills, MI 48326 / Phone: 248-364-6900 Fax: 248-364-6939  
[www.auburnhills.org](http://www.auburnhills.org)

July 17, 2024

Mr. Steven Cohen, AICP  
Director of Community Development  
CITY OF AUBURN HILLS  
1827 North Squirrel Road  
Auburn Hills, Michigan 48326

RE: Oakland Christian School Parking Expansion  
Site Plan 1<sup>st</sup> Review

Dear Mr. Cohen:

We have completed the site plan review for the above referenced project with respect to grading, paving, storm drainage/detention, and availability of municipal utilities to serve the site. The site plan, received by this office on July 17, 2024 was prepared by PEA Group. The review comments are noted below.

PERMITS:

Various permits will be required for this site, including but not limited to the following:

- Soil erosion permit from O.C.W.R.C.
- Water main extension permit from E.G.L.E.
- Temporary grading easement from adjacent property owner located at 3185 Shimmons Road

GENERAL:

The site is located along Shimmons Road, between Dexter Road and North Squirrel Road, more specifically at 3075 Shimmons Road in Sections 11 and 12 of the City of Auburn Hills. The applicant, Oakland Christian School (OCS), has partnered with the City to provide the necessary right-of-way to the City for the Dexter Road and Shimmons Curve Reconstruction project in exchange for the existing road right-of-way along Shimmons Road to be deeded back to OCS. With the exchange, the applicant is proposing to expand their existing parking lot and drop-off loop. The site, along with the adjacent properties to the west are zoned One Family Residential (R-1A). The adjacent property to the northeast is zoned P.U.D Overlay (PUD). A complete legal description of the parcel is shown on the plan. The City of Auburn Hills Standard Notes and Fire Department Notes are included on the plans. A landscape plan was included in the plan set and appears to be acceptable. Furthermore, a demolition plan and a soil erosion and sedimentation control plan are needed for engineering review.

MUNICIPAL UTILITIES:

There is existing 8-inch water main that extends along the west and north sides of the existing Shimmons Road alignment and an existing 8-inch water main loop that runs through the parking lot on the east side of the OCS building. Additionally, there is 8-inch water main that extends north from Shimmons Road through the site to the adjacent Auburn Grove development. 8-inch water main is proposed to be installed along the west side of the new Shimmons Road alignment in coordination with the Dexter Road and Shimmons Curve Reconstruction project. The applicant is proposing to extend new water main onto the site to connect to the existing water service lead, existing loop through the parking lot, and the water main to Auburn Grove. The existing water main is to be



abandoned-in-place with flowable fill once all the new water main has been installed. Two (2) existing fire hydrant assemblies are proposed to be removed and relocated to nearby locations to provide adequate coverage for the site. A proposed 12-foot-wide easement for the new public water main has been shown on the site plan. Additional information for the proposed water main including valve locations, material type, and profiles shall be provided for engineering review.

There is an existing 10-inch sanitary sewer that extends east-west along the north side of Simmons Road at the Dexter Road intersection. The 10-inch sanitary sewer also extends north through the site with multiple 6-inch leads extending to the building. The applicant is not proposing any changes to the existing sanitary sewer as part of this project.

#### STORM SEWER AND DETENTION:

The northern portion of the site is located in the Galloway Drainage District while the southern portion of the site is located within the McPherson Drainage District. The Galloway Drainage District has a more restrictive maximum allowable discharge of 0.097 cfs/acre. Storm water runoff for the site is currently collected via a series of catch basins and routed to the wetlands to the north of the site which ultimately outlet to the Galloway Drain. A portion of the site flows to an existing detention basin in the north portion of the site, which outlets to the wetland area. A storm water narrative indicating the original impervious area and proposed impervious area shall be provided at engineering review to demonstrate that additional detention is not necessary. If these calculations indicate that additional detention is required, it will need to be provided via underground storage beneath the new parking lot or expansion of the existing detention basin. In addition, storm water quality control measures meeting City standards shall be provided for runoff from the site improvements prior to leaving the site.

The applicant is proposing to install an inlet to the south of the expanded parking lot which will connect to the proposed storm sewer system along Simmons Road and a catch basin on the north side of the site which will connect to the existing 18-inch storm sewer that outlets to the wetlands. Please note that the condition of the existing end section tributary to the wetlands will need to be verified and cleaned out. We recommend additional drainage structures and storm sewer be installed within the new parking lot area at engineering review. The applicant shall ensure the storm sewer system is sufficient for the proposed site improvements. Additional information on the proposed storm sewer including size, material, slope, profile, calculations, etc. shall be provided for engineering review.

#### PAVING/TRAFFIC:

There is currently one existing drive approach located off Simmons Road, north of Dexter Road, along with a small drop-off loop with 14 parking spaces. The applicant is proposing to remove the existing drop-off loop and construct a new drop-off loop connecting to the two new approaches off Simmons Road that will be installed as part of the City's Dexter Road and Simmons Curve Reconstruction project. Parking is currently located around the north, east, south, and west sides of the existing school. The plans indicate concrete curb and gutter along the new drop-off loop and a parking lot with 4-inch asphalt pavement. Pavement cross-sections have been provided and appear to meet City standards.

There is an existing gravel parking area on the north side of the school that is indicated on the plan to be paved. This parking area will need to be improved to meet City standards including asphalt pavement, curb and gutter, pavement markings, dimensions for spaces and aisles, sidewalk, etc. These details for this area shall be shown on the plan at engineering review. If this parking area cannot be improved to meet City requirements, it should be removed and restored with lawn area.

The applicant is proposing 93 parking spaces including 4 barrier free accessible parking spaces and 2 future electric vehicle parking spaces. Parking spaces will be located in the new parking lot as well as along the drop-off loop. After the proposed site improvements, the site will have a total of 273 parking spaces including 10 barrier free





accessible parking spaces. A loading area has not been provided as part of this project. A 5-foot-wide concrete sidewalk has been provided around the drop-off loop along with a sidewalk connection to the new parking lot. The applicant has also provided a connection to the sidewalk along Simmons Road that will be installed as part of the City's Dexter Road and Simmons Curve Reconstruction project.

The proposed site improvements provide additional parking and vehicle stacking space on the OCS site. This project has been coordinated with the City's reconstruction of this section of Simmons Road, which will provide a center-turn-lane along the roadway to improve turning access into the school and reduce impacts on Simmons Road through-traffic. The new parking area includes a one-way loop to be utilized for student drop-off and pick-up. The new parking area and loop will be separated from the existing southern parking lot with separate drive access from Simmons Road for improved traffic operations on site. A traffic impact study (TIS) was completed by the applicant to evaluate the existing road network surround the project area. As indicated in the TIS, the project does not include expansion or additional traffic generation by OCS, so there are no impacts to the surrounding road network intersections as a result. Adjacent roadways are being improved as part of the City's Dexter Road and Simmons Curve Reconstruction project, including realignment of the roadway to eliminate the sharp corner near the school as well as alignment of the Dexter/Simmons intersection into a 3-way "T" intersection.

#### GRADING:

Existing and proposed grades are shown with contours and spot elevations. The site is sloped towards the north side of the site. Perimeter site slopes exceed 1:4 along the north side of the site; however, the slopes match into existing contours and a fence has been provided. If feasible, grading on adjacent property shall be minimized. A temporary grading easement from the adjacent property owner located at 3185 Simmons Road will be required prior to construction in that area. Pavement slopes are mostly consistent with City standards and are to remain between 1% and 6% for drive areas and between 1% and 4% for parking areas. Sidewalk slopes shall comply with ADA standards. Proposed grading for the existing parking lot on the north side of the school shall be provided for engineering review.

A retaining wall is proposed along the north side of the drop-off loop and along the northwest side of the parking lot. Design details and computations (sealed by a licensed engineer) will need to be submitted and approved during the engineering review for walls greater than one (1) foot in height. An aluminum fence is proposed where the height of the retaining wall exceeds 2.5 feet.

#### RECOMMENDATIONS:

The site plan is in substantial compliance with City of Auburn Hills requirements and has been stamped "Approved" by our office. We ask that the site plan approval acknowledge the following:

1. The site improvement plan, designed in accordance with Ordinance No. 806, shall be submitted to the City for review and approval prior to construction. A detailed cost estimate for the improvements shall be submitted with the plans signed and sealed by the design engineer.
2. The developer must post a performance guarantee, in accordance with the City's requirements as set forth in the City of Auburn Hills Ordinance No. 372, Section 2007, Performance Guarantees. The estimate of the guarantee shall be submitted with the site improvement plan and must reflect all costs for site improvements, including but not limited to mass grading, roadways, lighting, utilities, pathways, sidewalks, screening, landscaping, driveways, retaining walls, parking lots, drainage, stormwater retention basins, and other similar features.





If you have any questions or are in need of any further information, please feel free to contact our office.

Sincerely,  
OHM Advisors

A handwritten signature in black ink that reads "MaryKate Kirksey". The signature is written in a cursive, flowing style.

MaryKate Kirksey for Hannah Driesenga, P.E.

Transmitted via e-mail to Steven Cohen: July 17, 2024  
cc: File

P:\0101\_0125\SITE\_AUBURNHILLSCITY\2023\0120231040\_OCS\_PARKING\\_MUNI\SITE\OAKLAND CHRISTIAN SCHOOL  
PARKING EXPANSION\_SITE REV#1\_APP.DOCX

July 12, 2024

Steve Cohen, Director Community Development  
City of Auburn Hills, Community Development Department  
1827 North Squirrel Road  
Auburn Hills, MI 48326

Subject: Woodlands Ordinance Review for Oakland Christian Schools Parking Expansion, 3075  
Shimmons Road, Auburn Hills, MI

Dear Mr. Cohen,

The submittals regarding the Oakland Christian School's parking expansion project were reviewed and a site visit made to correlate information. The trees associated with this project, including street trees, had been removed prior to the site visit. So, verification is based on the tree survey submitted with the engineer's packet.

#### TREE DATA TABLE

DESCRIPTION	TOTAL TREES	Required/REPLACEMENT TREES
Removed Regulated Trees	85	85
Non-regulated Trees Surveyed/Removed	Unknown	0
Removed Landmark Trees	0	0
<b>TOTAL Required Replacement Trees</b>		<b>85 Trees</b>

Applicant has removed 85 regulated tree species. Total replacement trees required to satisfy the Woodlands Ordinance is 85. The landscape plans provide 87 trees and satisfies required City Zoning Ordinances.

This project is approved based on the tree data above and set of accompanying landscape plans.

Best regards,



Julie Stachecki  
City of Auburn Hills Woodland Consultant





**CITY OF AUBURN HILLS**  
**REGULAR CITY COUNCIL MEETING**  
**MINUTES - EXCERPT**

NOVEMBER 20, 2023

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**OATH OF OFFICE TO NEWLY ELECTED CITY COUNCIL MEMBERS AT 7:00 PM**

The City Clerk administered the Oath of Office to the newly elected City Council Members.

**CALL TO ORDER &:** City Clerk Pierce at 7:02 PM.

**PLEDGE OF ALLEGIANCE**

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel and Verbeke

Absent: None

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Beckerleg, City Clerk Pierce, Chief of Police Gagnon, Fire Chief Massingill, Director of Recreation and Senior Services Adcock, Program Coordinator Reis, DPW Director Baldante, Mgr of Fleet & Roads Hefner, Mgr of Municipal Properties Wisser, Community Development Director Cohen, Construction Coordinator Lang, Management Assistant Hagge, Engineers Juidici & Driesenga

25 Guests

**4. NEW BUSINESS**

**11a. Motion – To approve the OHM Scope of Design Services and G2 Geotechnical Services for the Shimmons Curve/Dexter Road Reconstruction & Water Main Improvements.**

Mr. Hefner shared that discussion of a redesign for the Shimmons Road curve between Dexter and Grove Lane has been ongoing since 2013. He stated that this project has not been able to take place due to ownership of the road right of way. This redesign will help to ease the sharpness of the curve and sight lines especially near the Oakland Christian School. The Oakland Christian School contacted the City and shared that they secured ownership of the right of way and were interested in giving the City rights to the road right of way for the purpose of fixing the concerns with the road. A memorandum of understanding outlining the project and proposed land exchanges has been drafted to allow the project to move forward.

In addition to the mentioned safety concerns, DPW is suggesting the design of Dexter Road be added to this project which will limit any disruptions to the residents and save money for the city. The plans for this reconstruction will include new base material for the Dexter Road, storm drainage improvements, curb cuts, new asphalt as well as sidewalks along Oakland Christian Schools that will tie into the City sidewalk network.

Council asked that the design be looked at to ensure that any drainage issues to the west of this area be alleviated.

**Moved by Verbeke, Seconded by Ferguson.**

**RESOLVED:** To approve the budget amendments to the 2023 local roads and water funds listed above, the OHM Advisors scope of design services, and G2 geotechnical services for the Shimmons Curve/Dexter Road Reconstruction & Water Main Improvements which will include the design of portions of Shimmons Road, Dexter Road, and Dexter Road water main. (Attachment A)

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

**Resolution No. 23.11.139**

**Motion Carried (7 - 0)**



**CITY OF AUBURN HILLS**  
**REGULAR CITY COUNCIL MEETING**  
**MINUTES - EXCERPT**

MAY 20, 2024

**CALL TO ORDER &** Mayor Marzolf at 7:00 PM.

**PLEDGE OF ALLEGIANCE:**

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel and Verbeke

Absent: None

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Roberts, City Clerk Pierce, Deputy Chief of Police McGraw, Fire Chief Massingill, DPW Director Baldante, Manager of Fleet & Roads Hefner, Community Development Director Cohen, Asst to Dir./Construction Coord Lang, Deputy Assessor Collias, Economic Development Manager Carroll, Assistant to the Manager Hagge, Engineer Juidici & Driesenga

19 Guests

9d. Motion – To approve the Dexter Road and Shimmons Curve Reconstruction.

Mr. Hefner explained that the reconstruction of Shimmons Rd from Grove Ln to Dexter Rd and Dexter Rd from Shimmons Rd to Walton Blvd is included in the Auburn Hills Capital Improvement Plan. The Shimmons Rd portion of the project addresses the long-standing concern of the tight radius curve that is in the center of this section of roadway through a land swap with the Oakland Christian School. This portion of the project is contingent upon right-of-way acquisition which staff anticipates being presented at the next meeting. The new projected road footprint will improve sight lines and allow for a center turn lane, added pathway, and storm improvements (including the addition of curb and gutter). Reconstruction of Dexter Rd will include replacement of the current water main, new curb and gutter, storm upgrades (including underdrain), sidewalk connections and upgrades. New base and asphalt roadway will be included for the whole project. He confirmed that construction is anticipated to go through mid-October.

**Moved by Fletcher, Seconded by Ferguson.**

**RESOLVED:** To award the construction contract to F.H. Paschen, S.N. Nielsen & Associates, LLC, Construction Engineering/ Observation and Contract Administration Services to OHM Advisors, and Material Testing Services to G2 Consulting for the Dexter Road and Shimmons Curve Reconstruction in the amount of \$4,401,777. Also, to amend the City 2024 budget as indicated in the staff recommendation section of the memo.

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

**Resolution No. 24.05.80**

**Motion Carried (7 - 0)**





**CITY OF AUBURN HILLS**  
REGULAR CITY COUNCIL MEETING  
MINUTES - **EXCERPT**

JUNE 3, 2024

**CALL TO ORDER &** Mayor Marzolf at 7:00 PM.

**PLEDGE OF ALLEGIANCE:**

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel and Verbeke

Absent: None

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Roberts, City Clerk Pierce, Chief of Police Gagnon, Fire Chief Massingill, Fire Admin Officer Milks, DPW Director Baldante, Manager of Fleet & Roads Hefner, Mgr. of Municipal Properties Wisser, Economic Development Manager Carroll, Assistant to the Manager Hagge, Engineer Driesenga

4 Guests

**4. NEW BUSINESS**

**9a.** Motion – To approve the legal agreement and accept property deeds between Oakland Christian School and the City of Auburn Hills.

Mr. Baldante presented the road design on Simmons Road to improve safety and traffic flow in the area. The city will be deeded property from Oakland Christian Schools to help with sight lines and safety by creating a softer curve. The city will vacate the existing statutory right-of-way upon the new curve alignment.

**Moved by Fletcher, Seconded by Ferguson.**

**RESOLVED:** To approve the Agreement between the City and Oakland Christian School and accept the property deeds highlighted in Exhibit B.

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

**Resolution No. 24.06.87**

**Motion Carried (7 - 0)**





## Amendment to the City of Auburn Hills Master Land Use Plan *Northeast Corner Neighborhood Master Plan*

Back in July 2000, a planning process for the Northeast Corner Neighborhood was initiated by the City due to the community's dissatisfaction with the housing density permitted under the zoning at the time.

The Northeast Corner Neighborhood is the area bounded to the north by Dutton Road, south by Walton Boulevard, west by M-24, and east by the City of Rochester Hills border.

The planning study came on the heels of the City's approval of a single-family subdivision that met all ordinance requirements. Many property owners and City officials expressed two primary concerns about that project: 1) it was too dense for the area; and 2) the mass grading needed to level the site required the removal of hundreds of trees.

The main concern back then was that the Northeast Corner Neighborhood was one of the few natural or "rural" areas left in the City and that the atmosphere of the area would be destroyed if the City did not alter its existing land use policy. As a result, the City held workshops to determine what the community wanted the area to look like in the future. Property owners were encouraged to express their opinions throughout the planning process.

In the end, it was clear to City officials that the majority of those involved in the process wanted the housing density lowered to preserve the neighborhood's open space and natural features. In April 2001, the Planning Commission adopted a new master plan which accomplished those goals. Upon adoption, the majority of the property in the neighborhood was rezoned to implement the new policy. *It is noted that changes to both the master plan and zoning ordinance included provisions allowing the clustering of housing units and increased density, as a financial incentive for home builders to permanently preserve open space.*

Fast forward 15 years. On January 19, 2016, the City held a visioning meeting with the neighborhood at a local church to discuss some potential tweaks envisioned to the original plan.



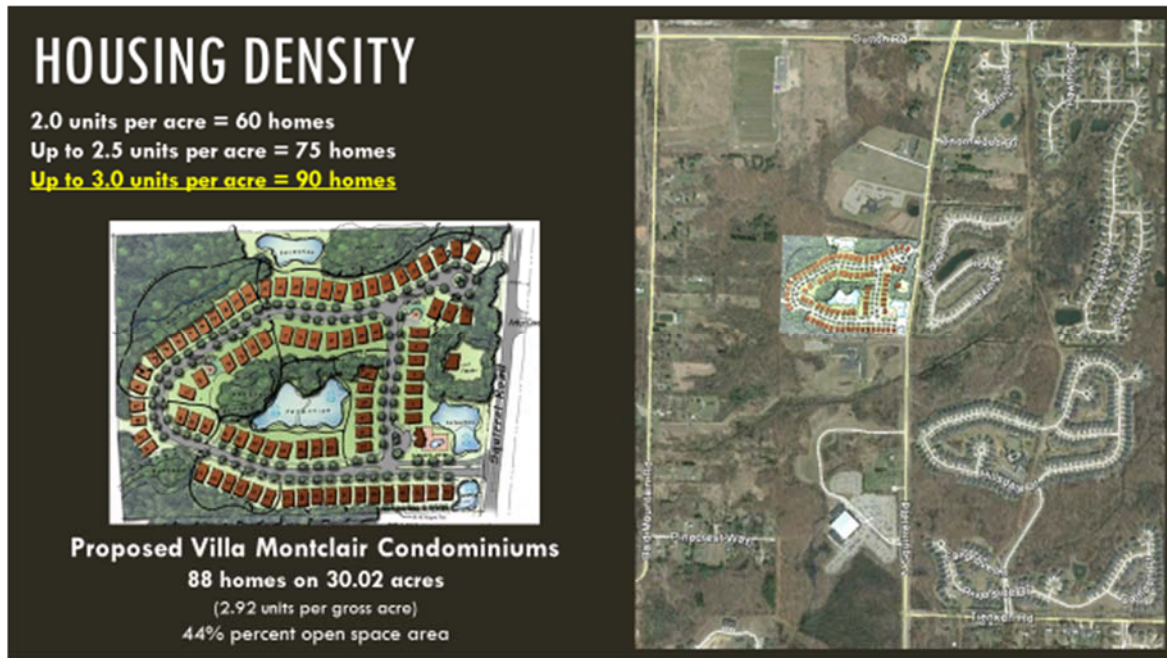
**Photo taken at the neighborhood visioning meeting held on January 19, 2016**

This process to update the plan follows a parcel specific change to the neighborhood plan in November 2015 that facilitated a density increase for a housing development proposed by Mocerri Companies called Villa Montclair.



As a result of the input received at public meetings held on January 19, 2016, February 16, 2016, and March 16, 2016, the Planning Commission drafted the following amendments to the Northeast Corner Neighborhood Master Plan:

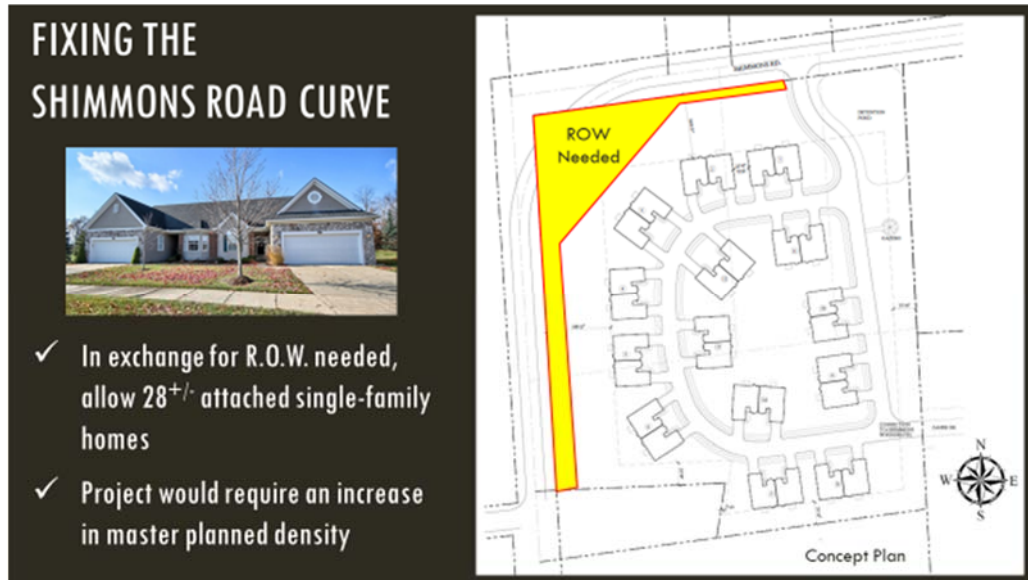
**First**, allow a slight increase in the housing density incentive to encourage developers to save open space, woodlands, and other natural features. It works by allowing the clustering of homes, which leaves excess land as permanently preserved open space. An increase from 2.5 to 3.0 homes per acre is proposed to the current policy to help make the open space development option more attractive to home builders, as shown below. The existing requirement that caps conventional developments at 2.0 homes per acre would remain in place.



**Second**, allow attached duplex-style units in only open space developments similar to those constructed in the Arbor Cove and Auburn Grove condominium projects, as shown below.



**Third**, change the master plan designation from “single family residential” to “single family residential transitional” for the properties adjacent to the Simmons Road curve, near the Oakland Christian School in the location shown below. The amendment will allow an open space development with attached duplex-style units and an increase in housing density from 2.5 to 3.5 homes per acre (not to exceed 28 homes). The increase in density is being provided as a financial incentive for the property owners to dedicate their land, at no cost to the City, so that the City may improve the curvature of that portion of the road in the future.



**Fourth**, change the master plan designation from “single family residential” to “non-residential transitional” for the Kensington Community Church (KCC) and Rochester Soccer Club (RSC) properties, which are located east of Bald Mountain Road and south of Dutton Road (shown below).

- A. KCC has requested the amendment due to the results of methane testing on the site, reports of a closed landfill on the property, and consideration of adjacent industrial land uses. This change would allow “clean industrial” development on the property similar to the VAST building located across the street, west of Bald Mountain Road. No vehicular access would be permitted to Bald Mountain Road and high quality development with extensive landscape greenbelts would be required.
- B. RSC has requested the amendment to allow an anticipated expansion of their soccer facility on the east side of their existing parking lot. The master plan designation would allow “clean industrial” development if RSC were to decide to vacate the site in the future.



*Computer rendering created which shows how the properties could be redeveloped*

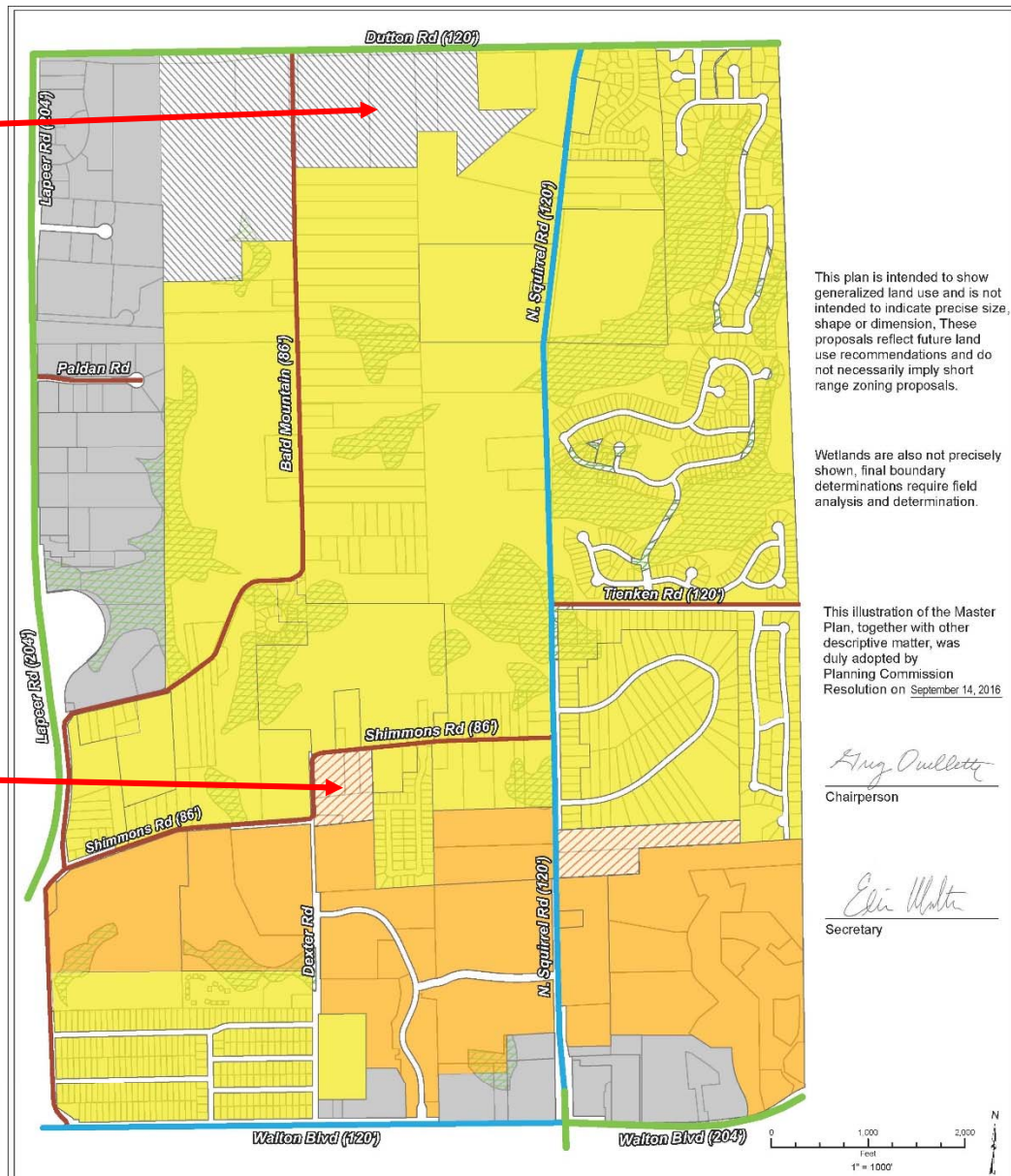


The map below illustrates the proposed changes along with minor adjustments to the planned ROW widths for Dutton Road, Tienken Road, N. Squirrel Road, and M-24.

Change #4

Change #3

Changes #1 and #2



This plan is intended to show generalized land use and is not intended to indicate precise size, shape or dimension. These proposals reflect future land use recommendations and do not necessarily imply short range zoning proposals.

Wetlands are also not precisely shown, final boundary determinations require field analysis and determination.

This illustration of the Master Plan, together with other descriptive matter, was duly adopted by Planning Commission Resolution on September 14, 2016

*Krug Ouellette*  
Chairperson

*Elin Walter*  
Secretary

#### Planned Land Use Classification

- Single Family Residential  
(2.0 Units Per Gross Acre - Conventional Development)  
(3.0 Units Per Gross Acre - Open Space Development)
- Multiple Family Residential
- Single Family Residential Transitional
- Non-Residential  
(Technology / Office Development)
- Non-Residential Transitional  
(Technology / Office Development)
- Wetlands

#### Planned Road R.O.W.

- Major Thoroughfare  
(150'-204' R.O.W.) 5 Lanes or Boulevard
- Thoroughfare  
(100'-120' R.O.W.) 3-5 Lanes
- Major Collector  
(86'-100' R.O.W.) 2-3 Lanes
- Collector  
(60'-80' R.O.W.) 2 Lanes
- Other Roads

## Northeast Corner Neighborhood Master Plan

City of Auburn Hills

Oakland County Michigan

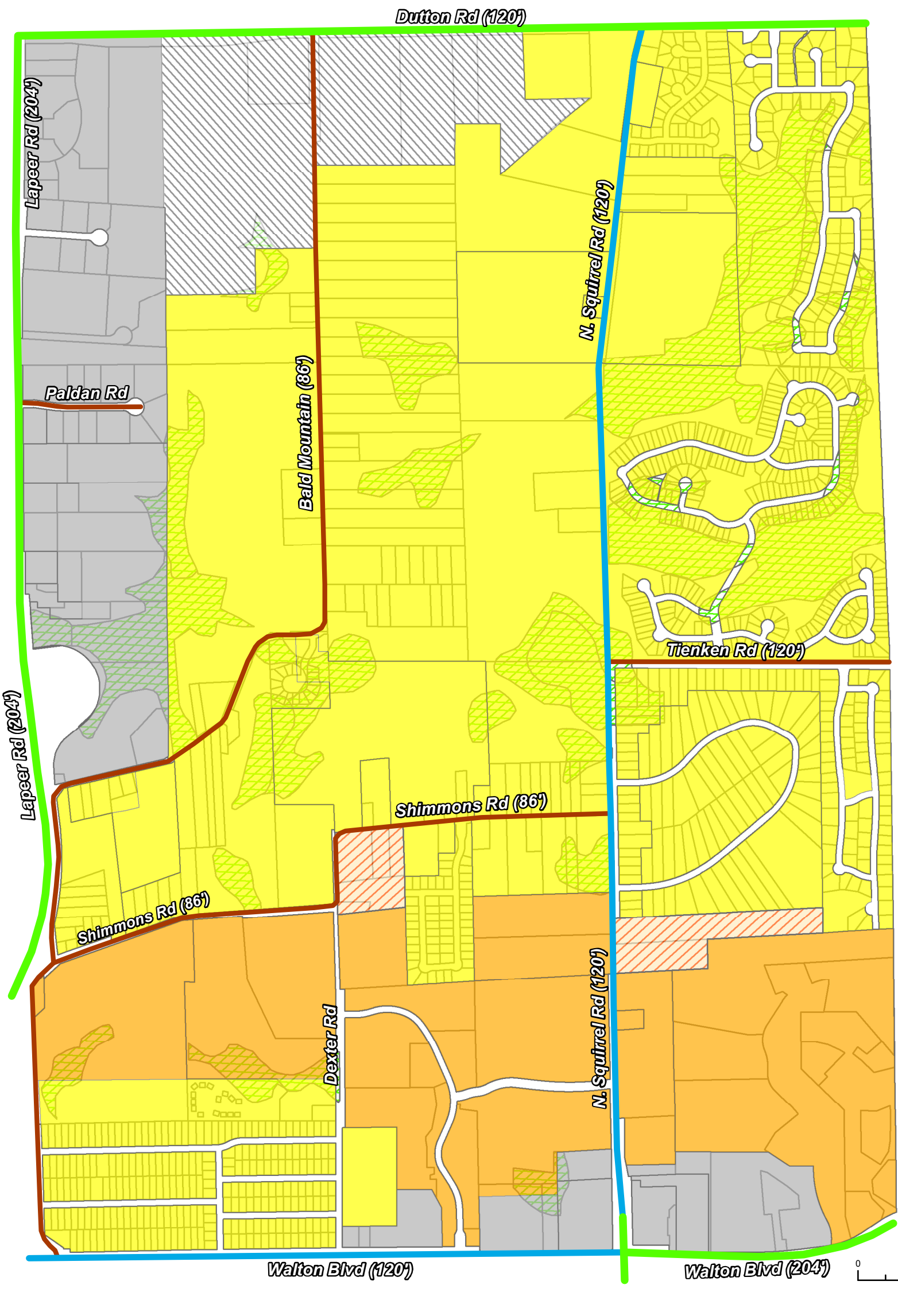
City of Auburn Hills Planning Commission



In coordination with the Community Development Department

Map Published: September 14, 2016

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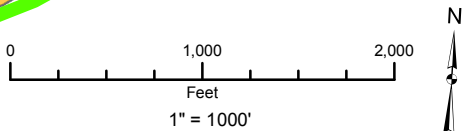
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*Ang Ouelletty*  
Chairperson

*Edie Walter*  
Secretary



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(2.0 Units Per Gross Acre - Conventional Development)  
(3.0 Units Per Gross Acre - Open Space Development)
- Multiple Family Residential
- Single Family Residential Transitional
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- Non-Residential Transitional  
(Technology / Office Development)
- Wetlands

**Planned Road R.O.W.**

- Major Thoroughfare  
(150'-204' R.O.W.) 5 Lanes or Boulevard
- Thoroughfare  
(100'-120' R.O.W.) 3-5 Lanes
- Major Collector  
(86'-100' R.O.W) 2 -3 Lanes
- Collector  
(60'-80' R.O.W) 2 Lanes
- Other Roads

# Northeast Corner Neighborhood Master Plan

City of Auburn Hills

Oakland County Michigan

City of Auburn Hills Planning Commission



In coordination with the Community Development Department

Map Published: September 14, 2016

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SITE PLAN

OAKLAND CHRISTIAN SCHOOL

PARKING EXPANSION

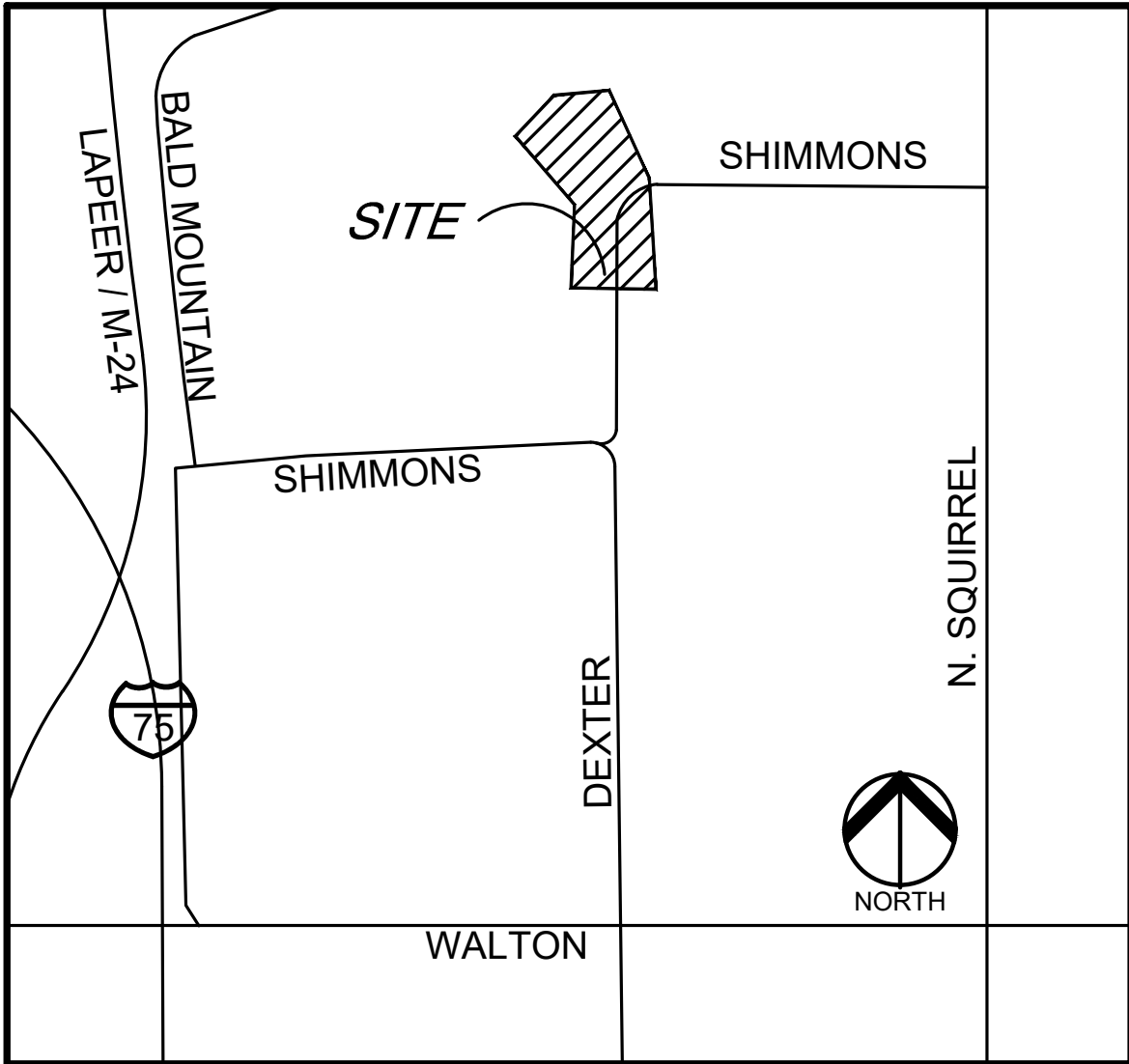
3075 SHIMMONS ROAD

CITY OF AUBURN HILLS, OAKLAND COUNTY, MICHIGAN



PERMIT / APPROVAL SUMMARY		
DATE SUBMITTED	DATE APPROVED	PERMIT / APPROVAL
6/28/2024		AUBURN HILLS SPA

INDEX OF DRAWINGS	
NUMBER	TITLE
	COVER SHEET
C-1.0	TOPOGRAPHIC SURVEY
T-1.0	TREE SURVEY
T-1.1	TREE SURVEY
T-1.2	TREE SURVEY
C-2.0	SITE PLAN
C-3.0	OVERALL SITE PLAN
C-3.1	FIRE TRUCK TURNING PLAN
C-4.0	PRELIMINARY GRADING PLAN
C-6.0	PRELIMINARY UTILITY PLAN
C-9.0	NOTES AND DETAILS
C-9.1	NOTES AND DETAILS
L-1.0	PRELIMINARY LANDSCAPE PLAN
L-1.1	LANDSCAPE DETAILS



LOCATION MAP  
NO SCALE

PROJECT DESCRIPTION:  
PARKING LOT EXPANSION OF OAKLAND CHRISTIAN SCHOOL  
CONNECTING TO THE SHIMMONS ROAD UPDATE.

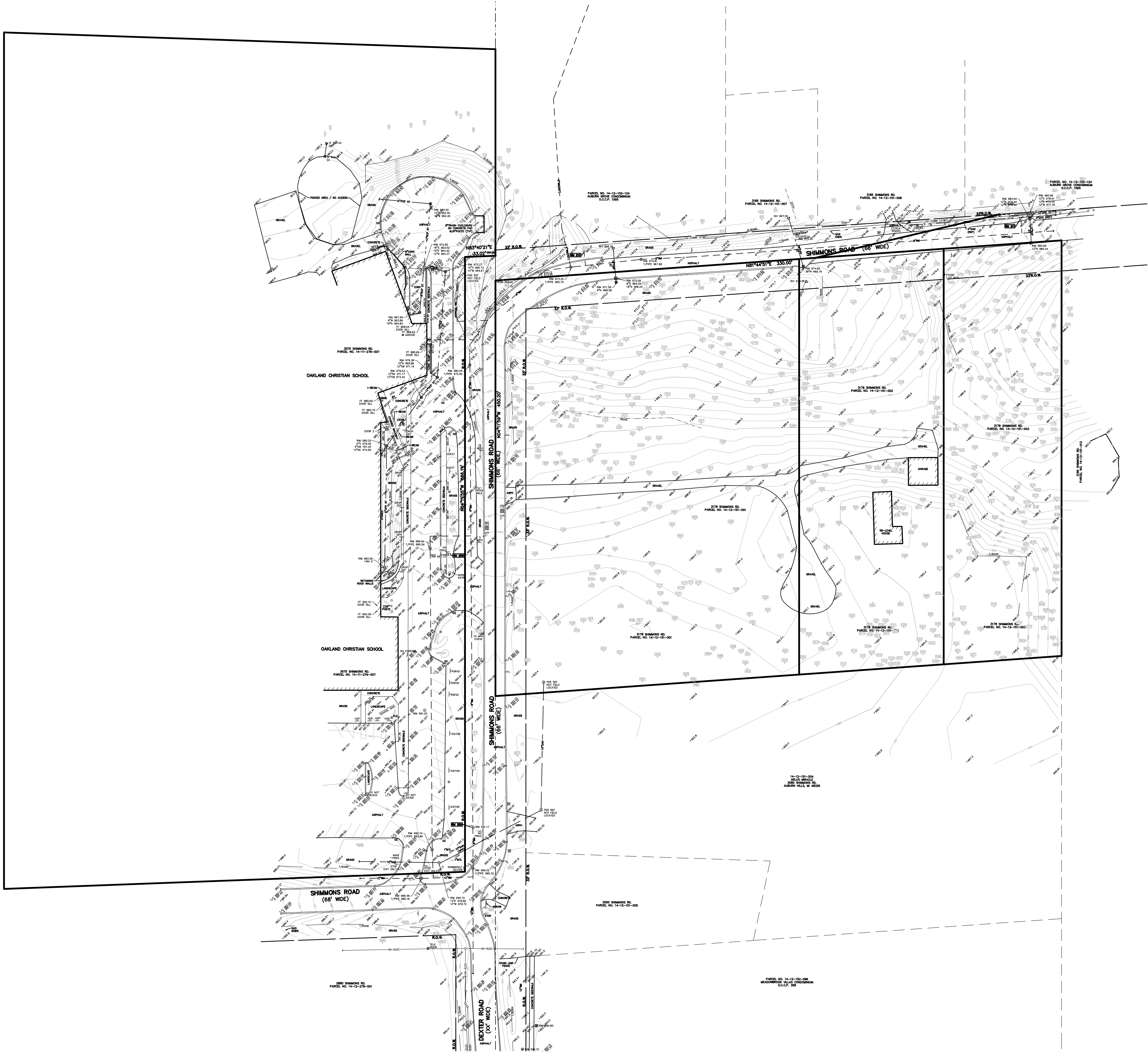


DESIGN TEAM	
OWNER/APPLICANT/DEVELOPER	CIVIL ENGINEER
OAKLAND HILLS SCHOOL LAND & BUILDING COMMITTEE 3075 SHIMMONS ROAD AUBURN HILLS, MI 48326 CONTACT: SUSAN BROCK, SUPERINTENDENT PHONE: 248.373.2707 EMAIL: SBROCK@OAKLANDCHRISTIAN.COM	PEA GROUP 1849 POND RUN AUBURN HILLS, MI 48326 CONTACT: JAMES P. BUTLER, PE PHONE: 844.813.2949 EMAIL: JBUTLER@PEAGROUP.COM
LANDSCAPE ARCHITECT	
PEA GROUP 7927 NEMCO WAY, STE. 115 BRIGHTON, MI 48116 CONTACT: JANET EVANS, PLA PHONE: 844.813.2949 EMAIL: JEVANS@PEAGROUP.COM	

REVISIONS	
DESCRIPTION	DATE
SPA SUBMITTAL	6/28/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

NOT FOR CONSTRUCTION  
PART OF 14-12-151-001 & 14-11-267-007





**LEGEND:**

-OH-ELEC-	-W-O-<	EX. OH. ELEC. POLE & GUY WIRE
-UG-CATV-	-X-	EX. U.G. CABLE TV & PEDESTAL
-UG-COMM-	-O-	EX. U.G. COMMUNICATION, PEDESTAL & MANHOLE
-UG-ELEC-	-D-	EX. U.G. ELEC. MANHOLE & METER
-	-	EX. GAS LINE
⊙	⊗	EX. GAS VALVE & GAS LINE MARKER
⊠	⊠	EX. TRANSFORMER & IRRIGATION VALVE
-	-	EX. WATER MAIN
⊕	⊕	EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
⊕	⊕	EX. WATER VALVE BOX & SHUTOFF
-	-	EX. SANITARY SEWER
⊕	⊕	EX. SANITARY CLEANOUT & MANHOLE
⊕	⊕	EX. COMBINED SEWER MANHOLE
-	-	EX. STORM SEWER
⊕	⊕	EX. CLEANOUT, MANHOLE & CULVERT
⊕	⊕	EX. SQUARE, ROUND & BEEHIVE CATCH BASIN
⊕	⊕	EX. YARD DRAIN, ROOF DRAIN & DOWNSPOUT
⊕	⊕	EX. UNIDENTIFIED STRUCTURE
⊕	⊕	EX. MAILBOX, SIGN & GUARD POST
⊕	⊕	EX. LIGHT POLE & YARD LIGHT
-	-	EX. FENCE
-	-	EX. GUARD RAIL
⊕	⊕	EX. DEC. TREE, CONIFEROUS TREE & SHRUB
⊕	⊕	EX. TREE TAG & TREE LINE
⊕	⊕	EX. SPOT ELEVATION
⊕	⊕	EX. CONTOUR
⊕	⊕	EX. WETLAND
⊕	⊕	IRON FOUND / SET
⊕	⊕	NAIL FOUND / NAIL & CAP SET
⊕	⊕	BRASS PLUG SET
⊕	⊕	MONUMENT FOUND / SET
⊕	⊕	SECTION CORNER FOUND
(R)	(M) (C)	RECORDED / MEASURED / CALCULATED

**REFERENCE DRAWINGS:**

OHM SURVEY	
GAS	CONSUMERS MAP 0360122, DATED 02/13/2024
WATER MAIN	UTILITY MAP, OHM EMAIL DATED 03/26/2024
SANITARY SEWER	UTILITY MAP, OHM EMAIL DATED 03/26/2024
STORM SEWER	UTILITY MAP, OHM EMAIL DATED 03/26/2024

**FLOODPLAIN NOTE:**  
BY GRAPHICAL PLOTTING, SITE IS WITHIN ZONE 'X', AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANGE FLOODPLAIN PER FLOOD INSURANCE RATE MAP NUMBER 26126C0303E, DATED SEPTEMBER 29, 2006.

**BENCHMARKS:**  
(GPS DERIVED - NAVD88)

BM #208  
ARROW ON A HYDRANT LOCATED NEAR THE NORTHWEST CORNER OF SHIMMONS ROAD & DEXTER ROAD.  
ELEV. - 993.40

BM #209  
ARROW ON A HYDRANT LOCATED ON THE WEST SIDE OF SHIMMONS ROAD AT THE ENTRANCE TO OAKLAND CHRISTIAN SCHOOL.  
ELEV. - 992.54

BM #210  
ARROW ON A HYDRANT LOCATED ON THE NORTH SIDE OF THE CURVE OF SHIMMONS ROAD.  
ELEV. - 974.67

BM #211 (PER OHM SURVEY)  
ARROW ON A HYDRANT LOCATED ON THE NORTH SIDE OF SHIMMONS ROAD, APPROX. 190' WEST FROM THE ENTRANCE DRIVE TO AUBURN GROVE CONDOMINIUMS.  
ELEV. - 985.53

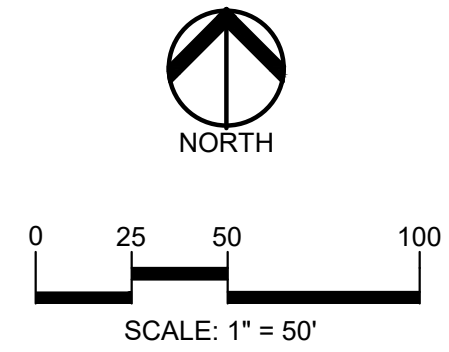
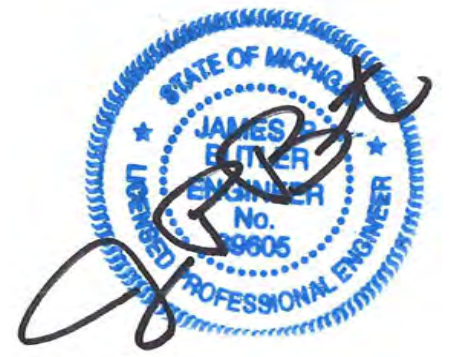
**LEGAL DESCRIPTIONS:**  
(PER OAKALND COUNTY)

PIN: 14-11-276-007  
Postal Address: 3075 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL  
Property Description:  
T3N, R10E, SEC 11 SUPERVISOR'S PLAT NO 12 PART OF LOT 1 DESC AS BEG AT PT DIST S 01-12-10 E 1297.59 FT FROM NE SEC COR, TH S 01-12-10 E 223.84 FT, TH S 86-40-10 W 33.02 FT, TH S 01-12-05 E 666.14 FT, TH S 86-40-10 W 500 FT, TH N 01-12-05 W 1027.91 FT, TH S 89-15-10 E 2.96 FT, TH S 01-12-10 E 100 FT, TH S 89-15-15 E 530 FT TO BEG

PIN: 1412151001  
Postal Address: 3178 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A MICHIGAN NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 963.82 FT FROM W 1/4 COR, TH N 01-12-10 W 450.20 FT, TH N 84-44-40 E 330.00 FT, TH S 01-12-10 E 450.20 FT, TH S 84-44-40 W 330.00 FT TO BEG

PIN: 1412151002  
Postal Address: 3178 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 1413.32 FT & N 84-44-40 E 330 FT FROM W 1/4 COR, TH N 84-44-40 E 157 FT, TH S 01-12-10 E 450.20 FT, TH S 84-44-40 W 157 FT, TH N 01-12-10 W 450.20 FT TO BEG

PIN: 1412151003  
Postal Address: 3075 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 1414.02 FT & N 84-44-40 E 487 FT FROM W 1/4 COR, TH N 84-44-40 E 132.14 FT, TH S 00-41-10 E 450.50 FT, TH S 84-44-40 W 128.09 FT, TH N 01-12-10 W 450.20 FT TO BEG



**CAUTION!!**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE OR OTHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT  
**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE  
**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024

DRAWING TITLE  
**TOPOGRAPHIC SURVEY**

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

DRAWING NUMBER:

NOT FOR CONSTRUCTION

C-1.0



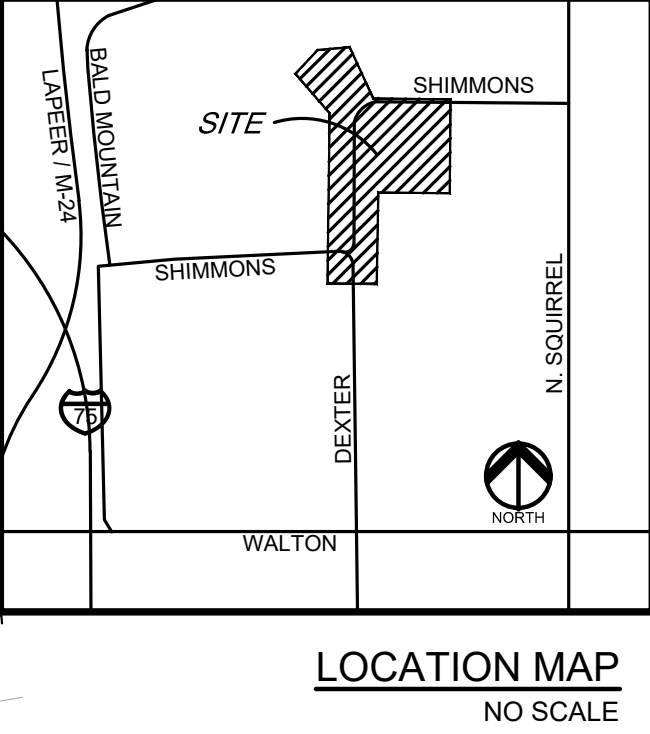
S:\PROJECTS\2021-2024\0208A\0208A\0208A\0208A.dwg PLOT DATE: 7/16/2024 BY: Charlotte L. Espinosa



STANDARD TREES (OUTSIDE EXISTING AND PROPOSED R.O.W.)		
STANDARD TREES REMOVED:	85	(1:1 REPLACEMENT)
STANDARD TREES REMOVED TOTAL DBH:	782	INCHES
REPLACEMENT TREES REQUIRED:	85	(1:1 REPLACEMENT)

STANDARD TREES (OUTSIDE EXISTING AND PROPOSED R.O.W.)		
LANDMARK TREES REMOVED:	0	
LANDMARK TREE DBH REMOVED:	0	(25% DBH REPLACEMENT)
REPLACEMENT DBH REQUIRED:	0	INCHES

KEY:	
	= EXISTING TREE/ TAG TO REMAIN
	= EXISTING TREE / TAG TO BE REMOVED
	= LIMITS OF CONSTRUCTION
	= TREE PROTECTION FENCE



**PEA GROUP**

t: 844.813.2949  
www.peagroup.com

STATE OF MICHIGAN  
JANET L. EVANS  
LANDSCAPE ARCHITECT  
NO. 380  
OSHTON

NORTH

0 15 30 60

SCALE: 1" = 30'

**811** Know what's below. Call before you dig.

**CAUTION!!**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT	
OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE	
3075 SHIMMONS ROAD AUBURN HILLS, MI 48326	
PROJECT TITLE	
OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION	
3075 SHIMMONS ROAD AUBURN HILLS, MI 48326	
REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024
ORIGINAL ISSUE DATE:	
MAY 21, 2024	
DRAWING TITLE	
TREE SURVEY	
PEA JOB NO. 21-0208A	
P.M.	JPB
DN.	CAL
DES.	JLE
DRAWING NUMBER:	

NOT FOR CONSTRUCTION

T-1.0



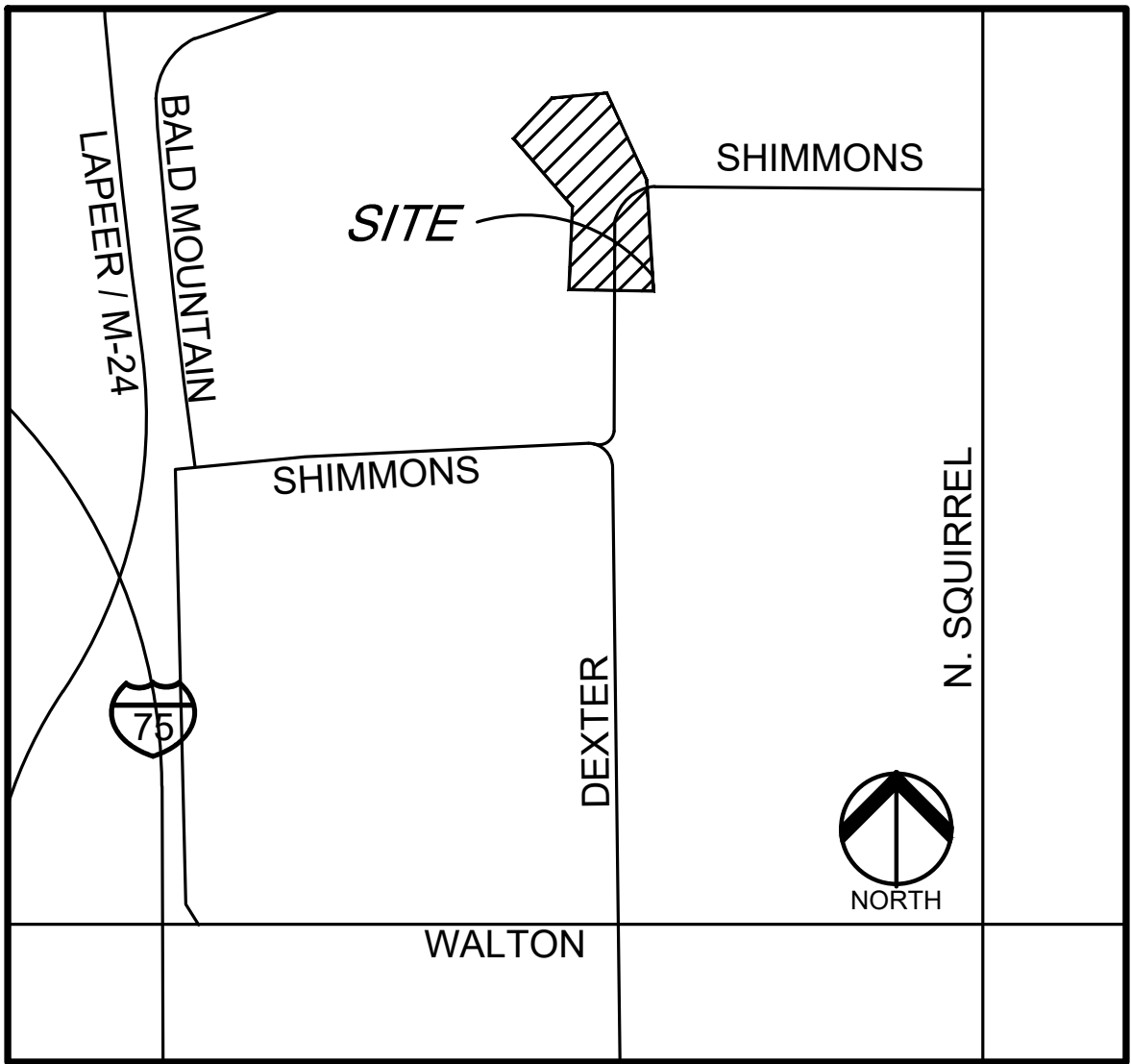
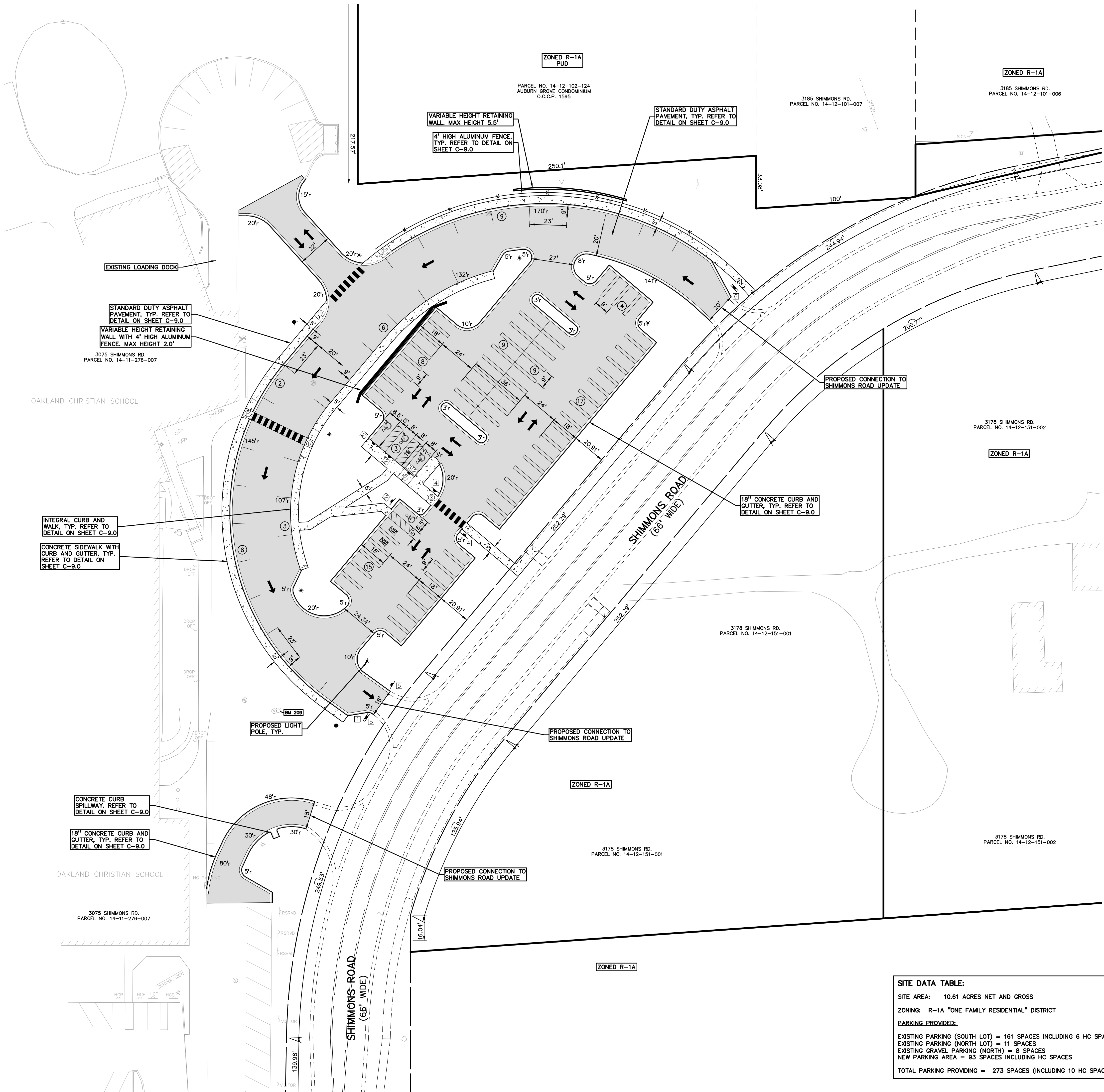
TAG	CODE	DBH	LATIN NAME	COMMON NAME	COND	NOTES	REGULATED (REG.) / NOT REGULATED (N)	LANDMARK (L)	SAVE (S) / REMOVE (X)	TAG	CODE	DBH	LATIN NAME	COMMON NAME	COND	NOTES	REGULATED (REG.) / NOT REGULATED (N)	LANDMARK (L)	SAVE (S) / REMOVE (X)	TAG	CODE	DBH	LATIN NAME	COMMON NAME	COND	NOTES	REGULATED (REG.) / NOT REGULATED (N)	LANDMARK (L)	SAVE (S) / REMOVE (X)
1	E	6	Ulmus americana	American Elm	Good		REG	-	S	115	BL	29	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	229	BL	11	Robinia pseudoacacia	Black Locust	Fair		N/A-ROW	-	X
2	E	9	Ulmus americana	American Elm	Good		REG	-	S	116	MW	7	Morus alba	White Mulberry	Fair		N (SPECIES)	-	S	230	BL	11	Robinia pseudoacacia	Black Locust	Fair		N/A-ROW	-	X
3	E	8	Ulmus americana	American Elm	Fair		REG	-	S	117	BX	6	Acer negundo	Box elder	Fair		N (SPECIES)	-	S	231	BW	18	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
4	E	7	Ulmus americana	American Elm	Good		REG	-	S	118	BL	17	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	232	BW	8	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
5	E	7	Ulmus americana	American Elm	Good		REG	-	S	119	BL	16	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	233	BL	15	Robinia pseudoacacia	Black Locust	Fair		N/A-ROW	-	S
6	WO	14	Quercus alba	White Oak	Good		REG	-	S	120	BL	12	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	234	BW	12	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
7	WO	11	Quercus alba	White Oak	Good		REG	-	S	121	SU	7	Acer saccharum	Sugar Maple	Good		REG	-	S	235	BW	19	Juglans nigra	Black Walnut	Good	X1	N/A-ROW	-	X
8	WO	13	Quercus alba	White Oak	Good		REG	-	S	122	BL	19	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	236	BW	16	Juglans nigra	Black Walnut	Good		REG	-	S
9	WO	7	Quercus alba	White Oak	Good	X1	REG	-	S	123	BL	21	Robinia pseudoacacia	Black Locust	Fair	X2	N (SPECIES)	-	S	237	BW	26	Juglans nigra	Black Walnut	Good		REG	Y	S
10	WO	6	Quercus alba	White Oak	Good		REG	-	S	124	SU	6	Acer saccharum	Sugar Maple	Good		REG	-	S	238	BL	20	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S
11	PO	12	Quercus palustris	Pin Oak	Good		REG	-	S	125	BL	34	Robinia pseudoacacia	Black Locust	Fair	X2	N (SPECIES)	-	S	239	BX	9	Acer negundo	Box elder	Poor		N (SPECIES)	-	S
12	BS	14	Picea pungens	Blue Spruce	Fair		REG	-	S	126	BL	23	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	240	BL	24	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S
13	RO	11	Quercus rubra	Red Oak	Good		REG	-	S	127	E	10	Ulmus americana	American Elm	Good		REG	-	S	241	SU	14	Acer saccharum	Sugar Maple	Good		REG	-	S
14	RP	16	Pinus resinosa	Red Pine	Good		REG	-	S	128	E	7	Ulmus americana	American Elm	Good		REG	-	S	242	SU	12	Acer saccharum	Sugar Maple	Good		REG	-	S
15	GA	7	Fraxinus pennsylvanica	Green Ash	Fair	X1	N (SPECIES)	-	S	129	E	10	Ulmus americana	American Elm	Good		REG	-	S	243	SU	13	Acer saccharum	Sugar Maple	Good		REG	-	S
16	RP	12	Pinus resinosa	Red Pine	Fair		REG	-	S	130	BL	19	Robinia pseudoacacia	Black Locust	Fair	X1	N (SPECIES)	-	S	244	SU	12	Acer saccharum	Sugar Maple	Good		REG	-	S
17	BS	11	Picea pungens	Blue Spruce	Fair		REG	-	S	131	BL	22	Robinia pseudoacacia	Black Locust	Fair	X1	N (SPECIES)	-	S	245	SU	7	Acer saccharum	Sugar Maple	Good		REG	-	S
18	RP	11	Pinus resinosa	Red Pine	Fair		REG	-	S	132	E	7	Ulmus americana	American Elm	Good		REG	-	S	246	BL	19	Robinia pseudoacacia	Black Locust	Good		N (SPECIES)	-	S
19	RP	15	Pinus resinosa	Red Pine	Good		REG/REPLACE	-	X	133	BC	11	Prunus serotina	Wild Black Cherry	Poor		REG	-	S	247	SU	6	Acer saccharum	Sugar Maple	Good		REG	-	S
20	RP	12	Pinus resinosa	Red Pine	Fair		REG/REPLACE	-	X	134	SU	6	Acer saccharum	Sugar Maple	Good		N/A-ROW	-	S	248	BW	36	Juglans nigra	Black Walnut	Good		REG	Y	S
21	BE	7	Fagus grandifolia	American Beech	Good		REG/REPLACE	-	X	135	SU	10	Acer saccharum	Sugar Maple	Good		N/A-ROW	-	X	249	BW	35	Juglans nigra	Black Walnut	Fair		REG	-	S
22	BR	11	Quercus macrocarpa	Bur oak	Good		N/A-ROW	-	X	136	BL	35	Robinia pseudoacacia	Black Locust	Fair		N/A-ROW	-	S	250	BW	13	Juglans nigra	Black Walnut	Good		REG	-	S
23	BO	8	Quercus velutina	Black Oak	Fair		N/A-ROW	-	X	137	E	10	Ulmus americana	American Elm	Good		N/A-ROW	-	S	251	BW	20	Juglans nigra	Black Walnut	Good		REG	-	S
24	BO	8	Quercus velutina	Black Oak	Fair		N/A-ROW	-	X	138	E	9	Ulmus americana	American Elm	Good		N/A-ROW	-	S	252	BW	17	Juglans nigra	Black Walnut	Good		REG	-	S
25	E	23	Ulmus americana	American Elm	Good		N/A-ROW	-	X	139	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	S	253	BW	9	Juglans nigra	Black Walnut	Fair		REG	-	S
26	WO	8	Quercus alba	White Oak	Good		REG	-	S	140	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	S	254	BW	12	Juglans nigra	Black Walnut	Fair		REG	-	S
27	WO	10	Quercus alba	White Oak	Good	X1	REG	-	S	141	E	9	Ulmus americana	American Elm	Good		N/A-ROW	-	S	255	SU	7	Acer saccharum	Sugar Maple	Good		REG	-	S
28	WO	9	Quercus alba	White Oak	Good		REG	-	S	142	BW	26	Juglans nigra	Black Walnut	Good		N/A-ROW	Y	X	256	BW	12	Juglans nigra	Black Walnut	Fair		REG	-	S
29	BO	8	Quercus velutina	Black Oak	Fair		REG	-	S	143	E	10	Ulmus americana	American Elm	Good		N/A-ROW	-	S	257	BW	6	Juglans nigra	Black Walnut	Good		REG	-	S
30	BR	10	Quercus macrocarpa	Bur oak	Good		REG	-	S	144	BW	26	Juglans nigra	Black Walnut	Fair		N/A-ROW	-	S	258	E	8	Ulmus americana	American Elm	Good	X1	REG	-	S
31	BR	11	Quercus macrocarpa	Bur oak	Good		REG	-	S	145	BX	7	Acer negundo	Box elder	Fair		N/A-ROW	-	X	259	BW	16	Juglans nigra	Black Walnut	Good		REG	-	S
32	RM	6	Acer rubrum	Red Maple	Good		REG	-	S	146	BL	13	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	260	SU	7	Acer saccharum	Sugar Maple	Good		REG	-	S
33	E	8	Ulmus americana	American Elm	Good		REG	-	S	147	E	11	Ulmus americana	American Elm	Good		REG	-	S	261	BW	14	Juglans nigra	Black Walnut	Good		REG	-	S
34	RM	6	Acer rubrum	Red Maple	Fair		REG	-	S	148	BL	29	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	262	SU	14	Acer saccharum	Sugar Maple	Good		REG	-	S
35	E	6	Ulmus americana	American Elm	Good	X1	REG	-	S	149	E	9	Ulmus americana	American Elm	Good		REG	-	S	263	E	6	Ulmus americana	American Elm	Good	X1	REG	-	S
36	E	6	Ulmus americana	American Elm	Good		REG	-	S	150	BL	15	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	264	BW	7	Juglans nigra	Black Walnut	Good		REG	-	S
37	SM	9	Acer saccharinum	Silver Maple	Good	X1	N (SPECIES)	-	S	151	BL	12	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	265	BW	15	Juglans nigra	Black Walnut	Good		REG	-	S
38	E	10	Ulmus americana	American Elm	Good		REG	-	S	152	BL	15	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	266	BX	9	Acer negundo	Box elder	Good		N (SPECIES)	-	S
39	E	11	Ulmus americana	American Elm	Good		REG	-	S	153	E	7	Ulmus americana	American Elm	Good		REG	-	S	267	E	14	Ulmus americana	American Elm	Good		REG	-	S
40	E	6	Ulmus americana	American Elm	Fair		REG	-	S	154	E	10	Ulmus americana	American Elm	Good		REG	-	S	268	BW	6	Juglans nigra	Black Walnut	Fair		REG	-	S
41	E	13	Ulmus americana	American Elm	Good		N/A-ROW	-	X	155	E	8	Ulmus americana	American Elm	Fair		REG	-	S	269	BW	6	Juglans nigra	Black Walnut	Fair		REG	-	S
NO TAG - DROPPED										156	E	10	Ulmus americana	American Elm	Fair		REG	-	S	270	BW	21	Juglans nigra	Black Walnut	Good		REG	-	S
43	E	6	Ulmus americana	American Elm	Good		N (SIZE)	#N/A	X	157	BL	28	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	271	BW	19	Juglans nigra	Black Walnut	Good		REG	-	S
44	E	11	Ulmus americana	American Elm	Good		N/A-ROW	-	X	158	BL	34	Robinia pseudoacacia	Black Locust	Good		N (SPECIES)	-	S	272	BW	10	Juglans nigra	Black Walnut	Fair		REG	-	S
45	BR	18	Quercus macrocarpa	Bur oak	Good	X1	N/A-ROW	-	X	159	SU	9	Acer saccharum	Sugar Maple	Fair		REG	-	S	273	BW	19	Juglans nigra	Black Walnut	Good		REG	-	S
46	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	X	160	BL	8	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	274	BW	8	Juglans nigra	Black Walnut	Fair		REG	-	S
47	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	X	161	SU	6	Acer saccharum	Sugar Maple	Good		REG	-	S	275	E	6	Ulmus americana	American Elm	Good	X1	N/A-ROW	-	X
48	WO	6	Quercus alba	White Oak	Good		N/A-ROW	-	X	162	BL	15	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	276	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	X
49	BW	10	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X	163	BL	19	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	277	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	X
50	BL	x1	Robinia pseudoacacia	Black Locust	Good	X1	N (SPECIES)	-	S	164	BC	7	Prunus serotina	Wild Black Cherry	Good		REG	-	S	278	BW	13	Juglans nigra	Black Walnut	Fair		N/A-ROW	-	X
51	BR	20	Quercus macrocarpa	Bur oak	Good		N/A-ROW	-	X	165	BC	7	Prunus serotina	Wild Black Cherry	Good		REG	-	S	279	E	6	Ulmus americana	American Elm	Good		N/A-ROW	-	X
52	BR	7	Quercus macrocarpa	Bur oak	Good		N/A-ROW	-	X	166	SU	6	Acer saccharum	Sugar Maple	Good		REG	-	S	280	SM	29	Acer saccharinum	Silver Maple	Good	X1	N/A-ROW	-	X
53	SM	29	Acer saccharinum	Silver Maple	Fair	X1	N (SPECIES)	-	S	167	BC	7	Prunus serotina	Wild Black Cherry	Good		REG	-	S	281	BW	7	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
54	BW	21	Juglans nigra	Black Walnut	Fair		REG	-	S	168	BC	6	Prunus serotina	Wild Black Cherry	Good		REG	-	S	282	BW	16	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
55	E	10	Ulmus americana	American Elm	Good		REG	-	S	169	E	6	Ulmus americana	American Elm	Good		REG	-	S	283	BW	10	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
56	BW	22	Juglans nigra	Black Walnut	Fair		REG	-	S	170	BC	23	Robinia pseudoacacia	Black Locust	Good		N (SPECIES)	-	S	284	BW	8	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
57	BW	15	Juglans nigra	Black Walnut	Fair		REG	-	S	171	BC	6	Prunus serotina	Wild Black Cherry	Good		REG	-	S	285	BW	18	Juglans nigra	Black Walnut	Fair		N/A-ROW	-	X
58	BW	13	Juglans nigra	Black Walnut	Good		N/A-ROW	-	S	172	BC	10	Prunus serotina	Wild Black Cherry	Fair		REG	-	S	286	E	14	Ulmus americana	American Elm	Good		N/A-ROW	-	X
59	BW	22	Juglans nigra	Black Walnut	Good		REG	-	S	173	BL	14	Robinia pseudoacacia	Black Locust	Fair		N (SPECIES)	-	S	287	BW	19	Juglans nigra	Black Walnut	Fair		N/A-ROW	-	X
60	BW	17	Juglans nigra	Black Walnut	Fair		REG	-	S	174	BX	9	Acer negundo	Box elder	Fair		N (SPECIES)	-	S	288	BW	11	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
61	BW	18	Juglans nigra	Black Walnut	Fair		REG	-	S	175	BC	9	Prunus serotina	Wild Black Cherry	Good		REG	-	S	289	BW	9	Juglans nigra	Black Walnut	Good		N/A-ROW	-	X
62	BW	13	Juglans nigra	Black Walnut	Good		REG	-	S	176	SU</																		







S:\PROJECTS\2021\2021-0208A\_OCS PARKING EXPANSION\DWG\SITE\_PLAN\_C-2.0DWM.dwg PLOT DATE: 7/16/2024 8/1 Lucas Driessens



LEGEND:	
	ASPHALT PAVEMENT
	CONCRETE CURB AND GUTTER
	SETBACK LINE
	SIGN
	LIGHTPOLE
	FENCE
	GUARD RAIL

**GENERAL NOTES:**  
THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT.

- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, OUTSIDE FACE OF BUILDING, PROPERTY LINE, CENTER OF MANHOLE/CATCH BASIN OR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.

**AUBURN HILLS GENERAL NOTES:**

- ALL LIGHTING SHALL BE SHIELDED AND DIRECTED DOWNWARD AND AWAY FROM ADJACENT PROPERTIES. LIGHTING SHALL MEET THE REQUIREMENTS OF ZONING ORDINANCE NO. 372.
- SIGNS SHALL MEET THE REQUIREMENTS OF ZONING ORDINANCE NO. 372.
- NO OUTSIDE STORAGE WILL BE ALLOWED, WHICH INCLUDES PALLET STORAGE, OVERNIGHT VEHICLES, OR TRAILER STORAGE. EXCEPTIONS PERMITTED UNDER PUD.
- GROUND MOUNTED TRANSFORMERS AND ROOF MOUNTED MECHANICAL EQUIPMENT SHALL BE SCREENED PER ZONING ORDINANCE NO.372.
- PARKING SPACES SHALL BE DOUBLE STRIPPED PER ZONING ORDINANCE NO. 372.
- ENVIRONMENTAL IMPACT STATEMENT NOT REQUIRED FOR THIS PROJECT.
- LAND DIVISION OR COMBINATION IS REQUIRED FOR THIS PROJECT.
- SPECIAL LAND USE (SLU) APPROVAL IS REQUIRED FOR PRIVATE SCHOOL IN RESIDENTIAL DISTRICT.
- THE DEVELOPER HAS AGREED TO PREP THE PARKING LOT WITH THE INSTALLATION OF ELECTRIC STUBS FOR FUTURE ELECTRIC VEHICLE (EV) CHARGING STATION AND RUN CONDUIT FROM POWER SOURCE TO THE STUBS TO SUPPORT FUTURE INSTALLATIONS. THE SPACES ARE DESIGNATED WITH EV ON THE PLAN AN WILL BE POSTED IF AND WHEN CHARGING STATION ARE INSTALLED.

**LEGAL DESCRIPTIONS:**  
(PER OAKLAND COUNTY)

**PIN: 14-11-276-007**  
Postal Address: 3075 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL  
Property Description:  
T3N, R10E, SEC 11 SUPERVISOR'S PLAT NO 12 PART OF LOT 1 DESC AS BEG AT PT DIST S 01-12-10 E 1297.59 FT FROM NE SEC COR, TH S 01-12-10 E 223.84 FT, TH S 86-40-10 W 33.02 FT, TH S 01-12-05 E 866.14 FT, TH S 86-40-10 W 500 FT, TH N 01-12-05 W 1027.91 FT, TH S 89-15-10 E 2.96 FT, TH S 01-12-10 E 100 FT, TH S 89-15-15 E 530 FT TO BEG

**PIN: 1412151001**  
Postal Address: 3178 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A MICHIGAN NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 963.82 FT FROM W 1/4 COR, TH N 01-12-10 W 450.20 FT, TH N 84-44-40 E 330.00 FT, TH S 01-12-10 E 450.20 FT, TH S 84-44-40 W 330.00 FT TO BEG

**PIN: 1412151002**  
Postal Address: 3178 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 1413.32 FT & N 84-44-40 E 330 FT FROM W 1/4 COR, TH N 84-44-40 E 157 FT, TH S 01-12-10 E 450.20 FT, TH S 84-44-40 W 157 FT, TH N 01-12-10 W 450.20 FT TO BEG

**PIN: 1412151003**  
Postal Address: 3075 SHIMMONS RD  
OAKLAND CHRISTIAN SCHOOL, A NONPROFIT CORPORATION  
Property Description:  
T3N, R10E, SEC 12 PART OF NW 1/4 BEG AT PT DIST N 01-12-10 W 1414.02 FT & N 84-44-40 E 487 FT FROM W 1/4 COR, TH N 84-44-40 E 132.14 FT, TH S 00-41-10 E 450.50 FT, TH S 84-44-40 W 128.09 FT, TH N 01-12-10 W 450.20 FT TO BEG

**SIDEWALK RAMP LEGEND:**

SIDEWALK RAMP 'TYPE P'

CURB DROP ONLY

REFER TO LATEST MDT R-28 STANDARD RAMP AND DETECTABLE WARNING DETAILS

**SIGN LEGEND:**

'STOP' SIGN	
'BARRIER FREE PARKING' SIGN	
'VAN ACCESSIBLE' SIGN	
'CROSSWALK' SIGN	
'DO NOT ENTER' SIGN	
'ONE-WAY' SIGN	

REFER TO DETAIL SHEET FOR SIGN DETAILS

SITE DATA TABLE:	
SITE AREA:	10.61 ACRES NET AND GROSS
ZONING:	R-1A "ONE FAMILY RESIDENTIAL" DISTRICT
<b>PARKING PROVIDED:</b>	
EXISTING PARKING (SOUTH LOT)	= 161 SPACES INCLUDING 6 HC SPACES
EXISTING PARKING (NORTH LOT)	= 11 SPACES
EXISTING GRAVEL PARKING (NORTH)	= 8 SPACES
NEW PARKING AREA	= 93 SPACES INCLUDING HC SPACES
TOTAL PARKING PROVIDING	= 273 SPACES (INCLUDING 10 HC SPACES)

**PEA GROUP**  
t: 844.813.2949  
www.peagroup.com



0 15 30 60  
SCALE: 1" = 30'



**CAUTION!!**  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY REPRESENTATIVE. NO GUARANTEE AS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT  
**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE  
**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024

DRAWING TITLE  
**SITE PLAN**

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

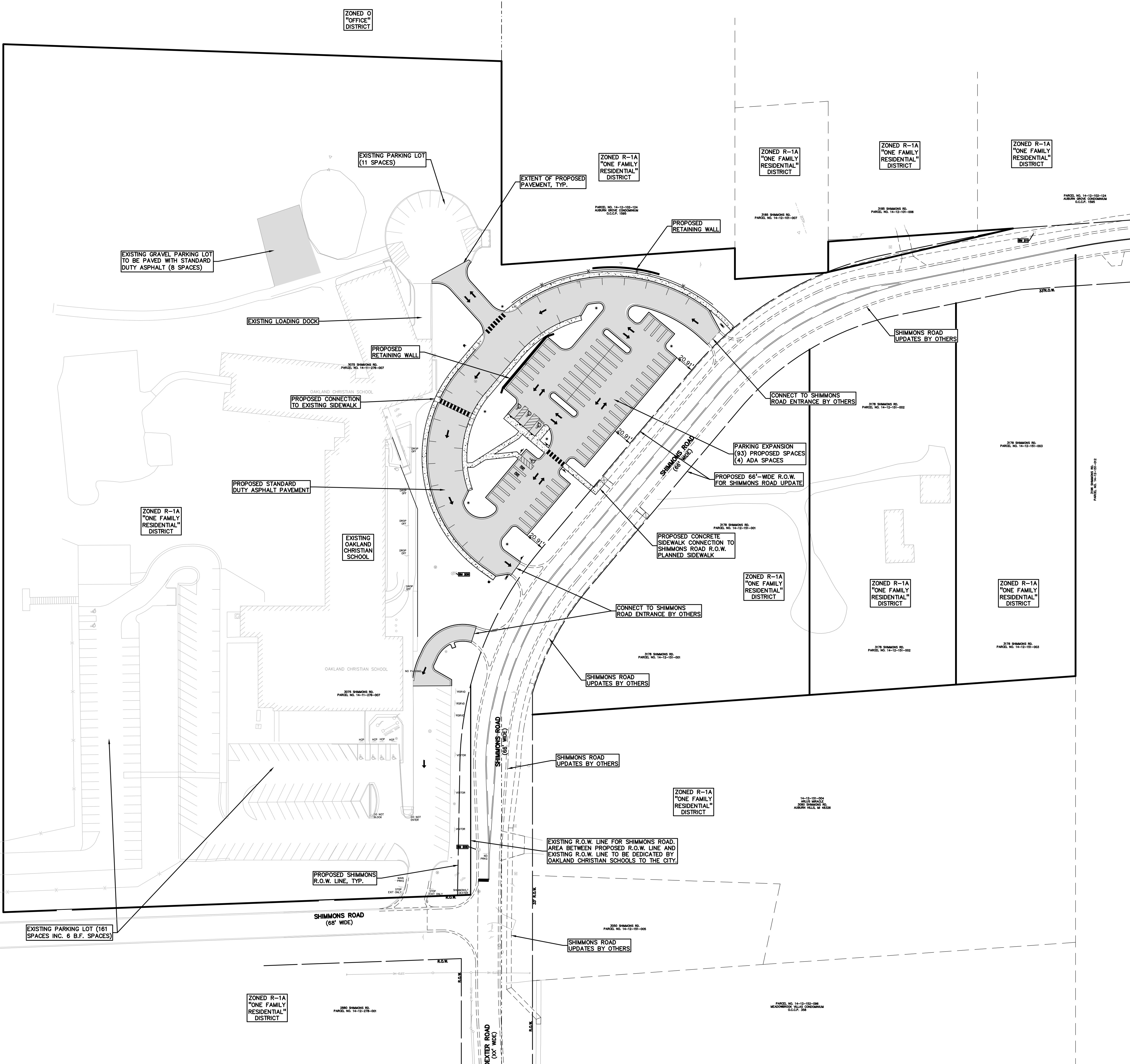
DRAWING NUMBER:

NOT FOR CONSTRUCTION

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S:\PROJECTS\2021\2021-0208A\_OCS\_PARKING\_EXPANSION\DWG\SITE\_PLAN\_C-3.0008A.dwg PLOT DATE: 7/16/2024 BY: Lucretia Dierenga



**LEGEND:**

	ASPHALT PAVEMENT
	CONCRETE CURB AND GUTTER
	SETBACK LINE
	SIGN
	LIGHTPOLE
	FENCE
	GUARD RAIL

- ADDITIONAL NOTES:**
- THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT.
- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, OUTSIDE FACE OF BUILDING, PROPERTY LINE, CENTER OF MANHOLE/CATCH BASIN OR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
  - 'NO PARKING-FIRE LANE' SIGNS SHALL BE POSTED ALONG ALL FIRE LANES AT 100 FOOT INTERVALS OR AS DIRECTED BY THE FIRE OFFICIAL.
  - REFER TO NOTES & DETAILS SHEET FOR ON-SITE PAVING DETAILS.

**PEA GROUP**

t: 844.813.2949  
www.peagroup.com

STATE OF MICHIGAN  
JAMES J. PEASE  
No. 000005  
PROFESSIONAL LAND SURVEYOR

NORTH

0 25 50 100

SCALE: 1" = 50'

**811** Know what's below.  
Call before you dig.

**CAUTION!!**  
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CLIENT

**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**

3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE

**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**

3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024

DRAWING TITLE

**OVERALL SITE PLAN**

SITE DATA TABLE:	
SITE AREA:	10.61 ACRES NET AND GROSS
ZONING:	R-1A "ONE FAMILY RESIDENTIAL" DISTRICT
PARKING PROVIDED:	
EXISTING PARKING (SOUTH LOT) = 161 SPACES INCLUDING 6 HC SPACES	
EXISTING PARKING (NORTH LOT) = 11 SPACES	
EXISTING GRAVEL PARKING (NORTH) = 8 SPACES	
NEW PARKING AREA = 93 SPACES INCLUDING HC SPACES	
TOTAL PARKING PROVIDING = 273 SPACES (INCLUDING 10 HC SPACES)	

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

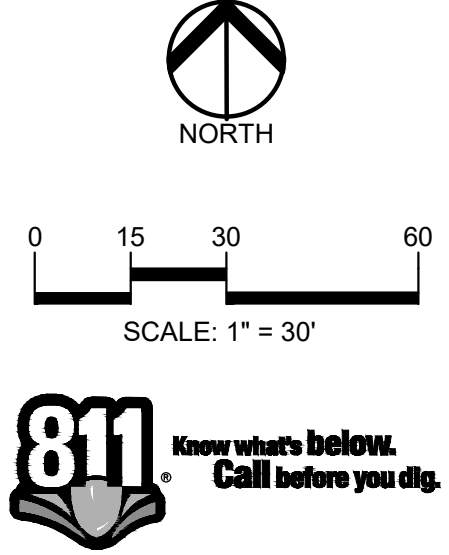
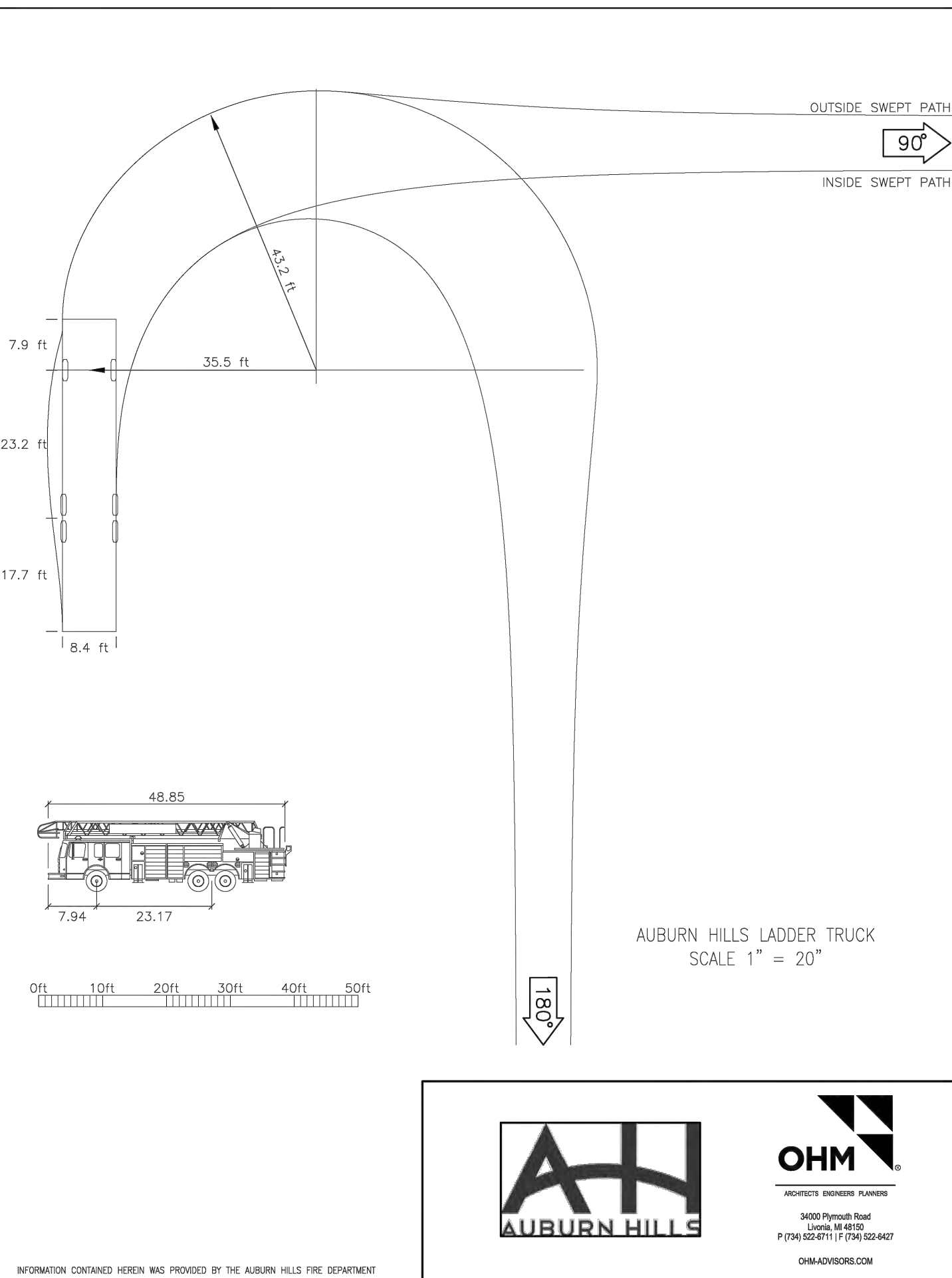
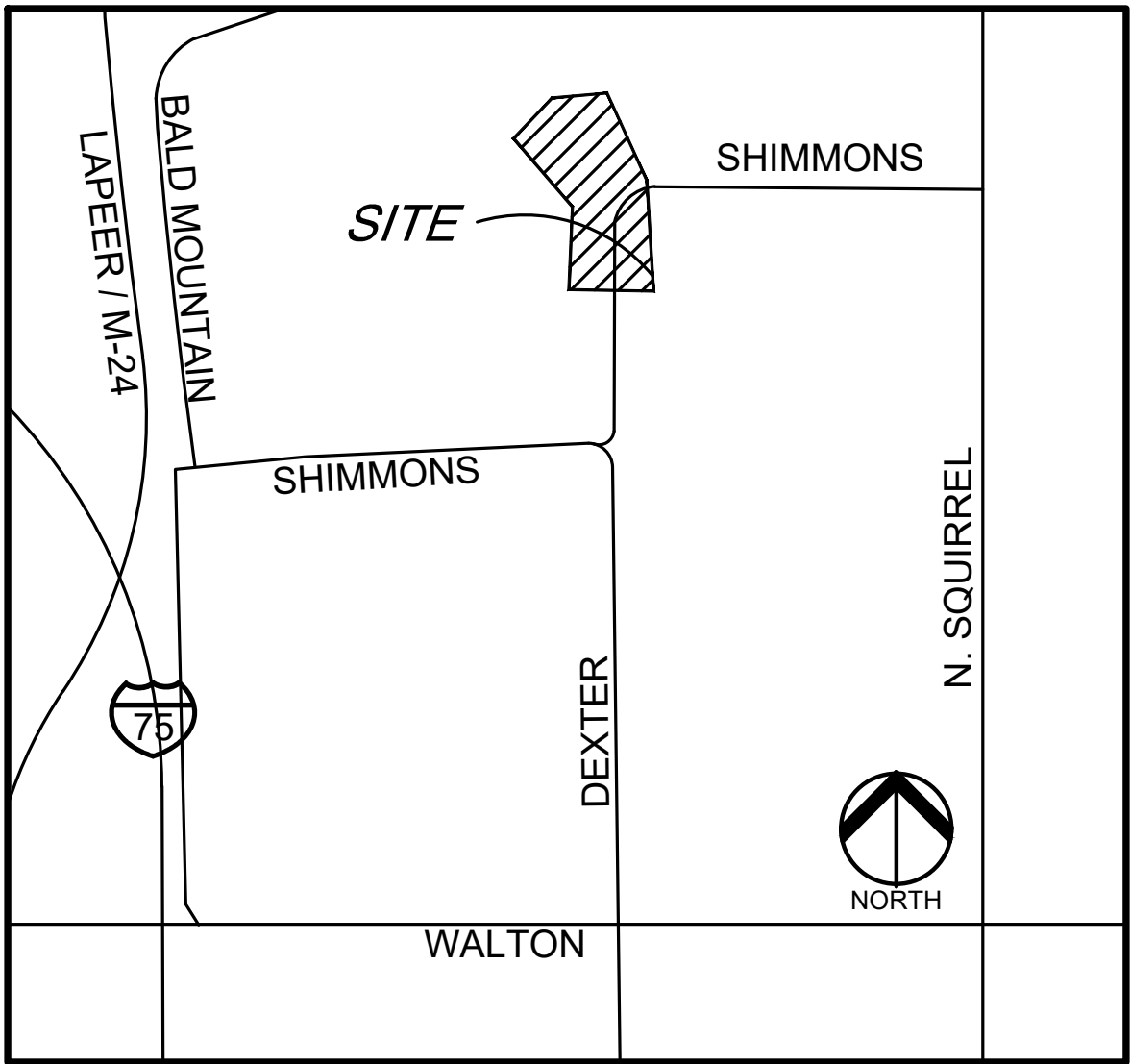
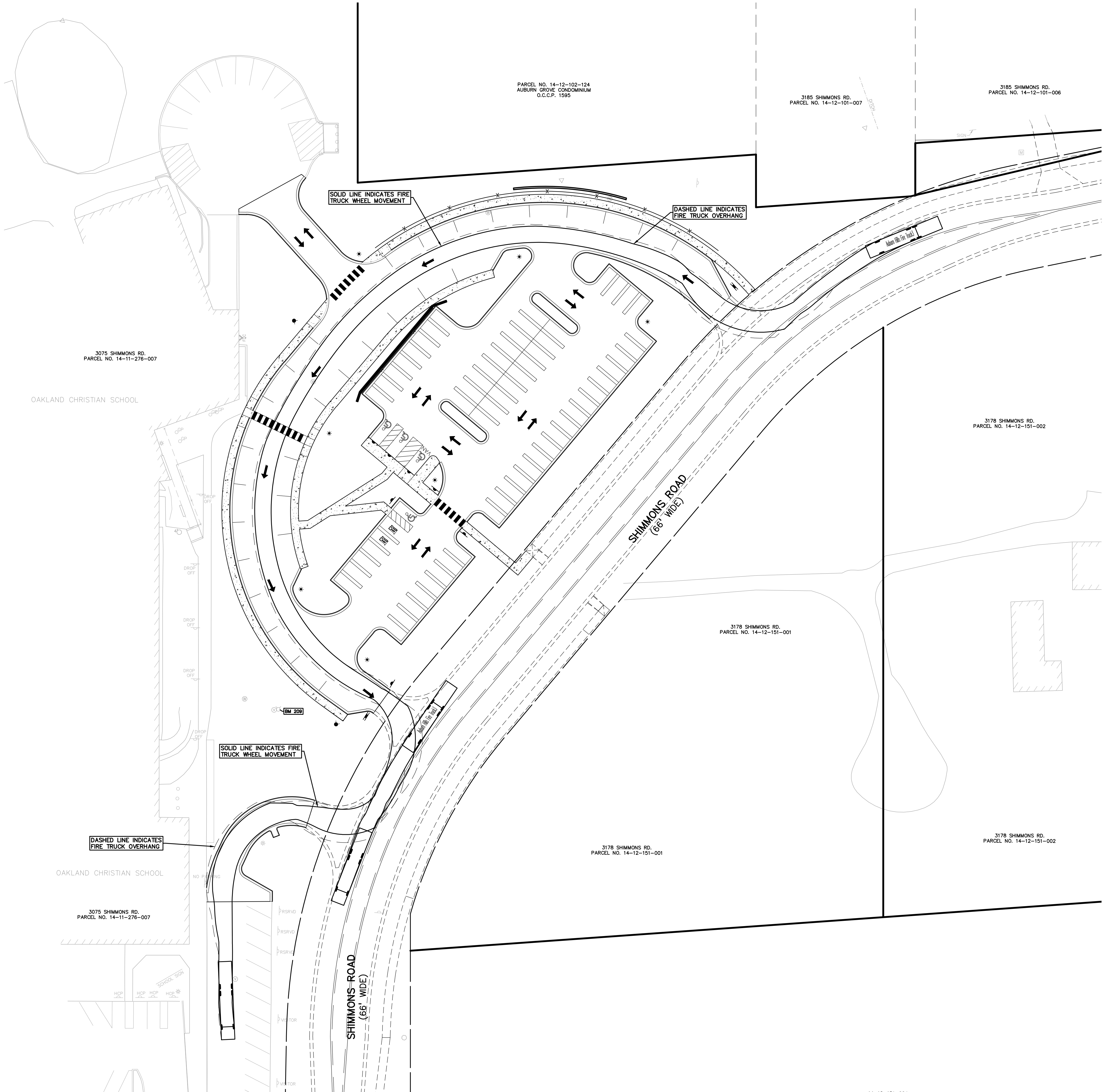
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**CAUTION!!**  
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CLIENT  
**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE  
**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024  
DRAWING TITLE  
**FIRE TRUCK TURNING PLAN**

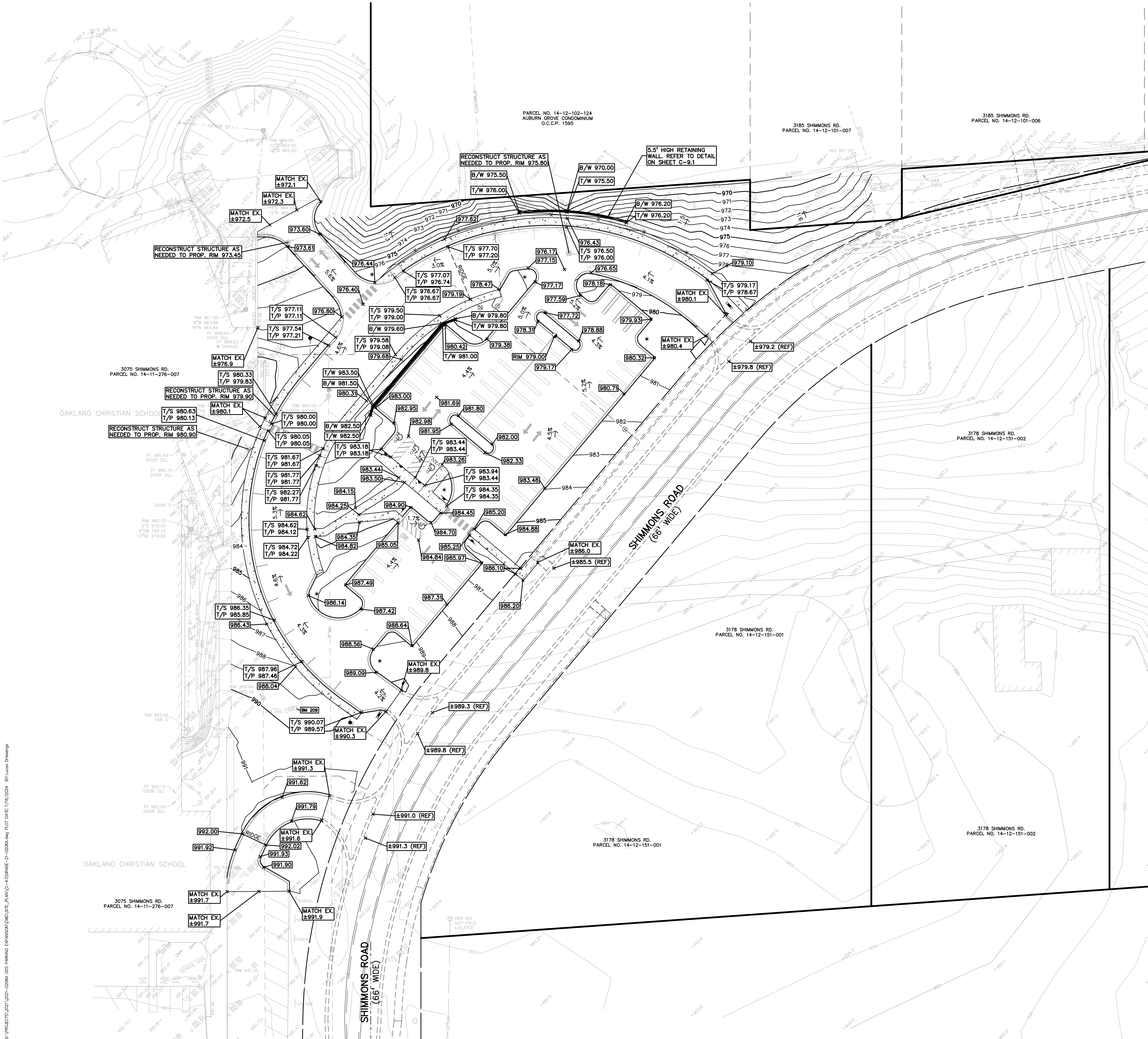
PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

DRAWING NUMBER:  
**C-3.1**

NOT FOR CONSTRUCTION



S:\PROJECTS\2021\2021-0208A\_OCS PARKING EXPANSION\DWG\SITE\_PLAN (C-4-0208A)C-4-0208A.dwg PLOT DATE: 7/16/2024 BPL:User: dhering



**GRADING LEGEND:**

EXISTING SPOT ELEVATION  
PROPOSED SPOT ELEVATION: TYPICALLY TOP OF PAVEMENT IN PAVED AREAS, GUTTER GRADE IN CURB LINES.  
EXISTING CONTOUR  
PROPOSED CONTOUR  
PROPOSED REVERSE GUTTER PAN  
PROPOSED RIDGE LINE  
PROPOSED SWALE/DITCH

**ABBREVIATIONS**

T/C = TOP OF CURB  
T/P = TOP OF PAVEMENT  
T/S = TOP OF SIDEWALK  
T/W = TOP OF WALL  
BW = BOTTOM OF WALL  
G = GUTTER GRADE  
FF = FINISH FLOOR  
FG = FINISH GRADE  
RIM = RIM ELEVATION

**SYMBOLS: GRADING**

PROPOSED SPOT ELEVATION: TYPICALLY TOP OF PAVEMENT IN PAVED AREAS, GUTTER GRADE IN CURB LINES.  
PROPOSED CONTOUR LINE

**RETAINING WALL NOTE:**  
TOP OF WALL (TW) AND BOTTOM OF WALL (BW) GRADES ARE THE FINISH GRADE AT THE TOP AND BOTTOM OF THE RETAINING WALL. NOT ACTUAL TOP AND BOTTOM OF THE WALL STRUCTURE.

- CITY OF AUBURN HILLS STANDARD NOTES:**
- CONSTRUCTION SHALL CONFORM TO CURRENT CITY OF AUBURN HILLS' STANDARDS.
  - NO WORK SHALL BE PERFORMED WITHOUT INSPECTION.
  - A PERMIT FROM THE DPW IS REQUIRED FOR ALL CONSTRUCTION WITHIN CITY ROW.
  - ALL CITY STREET MUST BE MAINTAINED DURING CONSTRUCTION. STREET SHALL BE KEPT FREE OF MUD, DIRT, CONSTRUCTION DEBRIS, DUST AND THE LIKE. IF CLEAN-UP IS NOT PERFORMED WITHIN 24 HOURS OF NOTIFICATION, THE CITY RESERVES THE RIGHT TO PERFORM THE WORK AND CHARGE THE DEVELOPER ACCORDINGLY.
  - WORKING HOURS (INCLUDING RUNNING OF ANY MACHINERY) SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY, 7:00 AM TO 7:00 PM. SUNUP TO SUNDOWN, WHICHEVER IS LESS. CONSTRUCTION OPERATIONS BEYOND THE PERIODS MENTIONED ABOVE SHALL BE PERMITTED ONLY AFTER WRITTEN APPROVAL OF THE CITY MANAGER OR HIS DESIGNEE.
  - ALL MATERIALS AND MANUFACTURERS SHALL CONFORM TO THE STANDARD DETAILS.
  - UTILITY STRUCTURES SHALL NOT BE LOCATED IN DRIVEWAYS, AND WHERE POSSIBLE, SHALL NOT BE LOCATED IN PAVED AREAS.
  - THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH ACT 53 OF P.A. OF 1974 AND ALSO CONTACT OAKLAND COUNTY UTILITY AND PROTECTION SERVICE (MISD DIG 1-800-462-7171) THREE (3) WORKING DAYS BEFORE THE START OF ANY CONSTRUCTION.
  - THE CONTRACTOR SHALL PROVIDE NECESSARY SIGNS, BARRICADES AND LIGHTS TO PROTECT TRAFFIC AND THE WORK AS DIRECTED BY THE ENGINEER. SUCH DEVICES SHALL BE PLACED PRIOR TO STARTING WORK IN AFFECTED AREAS.
  - ALL SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE OAKLAND COUNTY STANDARDS AND DETAILS. THE CONTRACTOR SHALL FOLLOW LOCAL RULES AND REGULATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL FOR ALL MATERIALS THAT ARE DISPOSED OF OFF OF THE PROJECT SITE.
  - ALL SOIL EROSION MEASURES MUST BE PROPERLY PLACED PRIOR TO GRADING OR OTHER CONSTRUCTION ACTIVITIES.
  - FIELD CHANGES TO THE APPROVED PLAN SHALL BE BROUGHT TO THE ATTENTION OFF THE INSPECTOR ON SITE, WHO WILL DETERMINE WHETHER THE CHANGE IS CONSIDERED "SIGNIFICANT". "SIGNIFICANT" FIELD CHANGES SHALL BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER. THE CITY SHALL NOT BE HELD RESPONSIBLE FOR DELAYS IN APPROVAL OF CHANGES TO THE APPROVED SITE IMPROVEMENT (ENGINEERING) PLAN.
  - WHERE POSSIBLE, PUBLIC UTILITIES SHALL NOT BE PLACED UNDER PAVEMENT. THE CITY OF AUBURN HILLS SHALL NOT BE RESPONSIBLE FOR PAVEMENT, CURB, OR OTHER RESTORATION OF PERMANENT FACILITIES LOCATED WITHIN THE MUNICIPAL EASEMENT.
  - 3 WORKING DAYS PRIOR TO STARTING CONSTRUCTION, CONTACT THE CONSTRUCTION DEPARTMENT OF ORCHARD, HILTZ & MCLIMENT, INC. AT (734) 466-4539 TO SCHEDULE INSPECTION. OHM SHALL INSPECT ALL SITE IMPROVEMENTS INCLUDING UNDERGROUND UTILITY INSTALLATION, EARTHWORK OPERATIONS, RETAINING WALLS, PAVEMENT IN CITY R.O.W., ALL SIDEWALKS OR SAFETY PATHS IN ANY PUBLIC R.O.W., AND ANY ADDITIONAL ITEMS NOTED DURING REVIEW OR AT THE PRE-CONSTRUCTION MEETING. FINAL OCCUPANCY MAY BE AFFECTED IF PROCEDURES ARE NOT FOLLOWED FOR PROPER INSPECTION.
  - PERMANENT STRUCTURES OF ANY TYPE, INCLUDING BUT NOT LIMITED TO, TREES, LIGHT POLES, DRAINAGE STRUCTURES, SANITARY STRUCTURES, BENCHES, TRASH RECEPTACLES, ETC., WILL NOT BE ALLOWED WITHIN THE INFLUENCE OF THE PUBLIC WATER MAIN OR SANITARY SEWER EASEMENTS.

**EARTHWORK BALANCING NOTE:**

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING OR EXPORTING ALL MATERIALS AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED ELEVATIONS SHOWN ON THE APPROVED PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF CUT AND FILL QUANTITIES AND ALLOW FOR REMOVAL OF EXCESS OR IMPORTATION OF ADDITIONAL MATERIAL AT NO ADDITIONAL COST TO THE OWNER.



0 15 30 60  
SCALE: 1" = 30'



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CLIENT  
**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE  
**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS	
SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024  
DRAWING TITLE  
**PRELIMINARY GRADING PLAN**

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

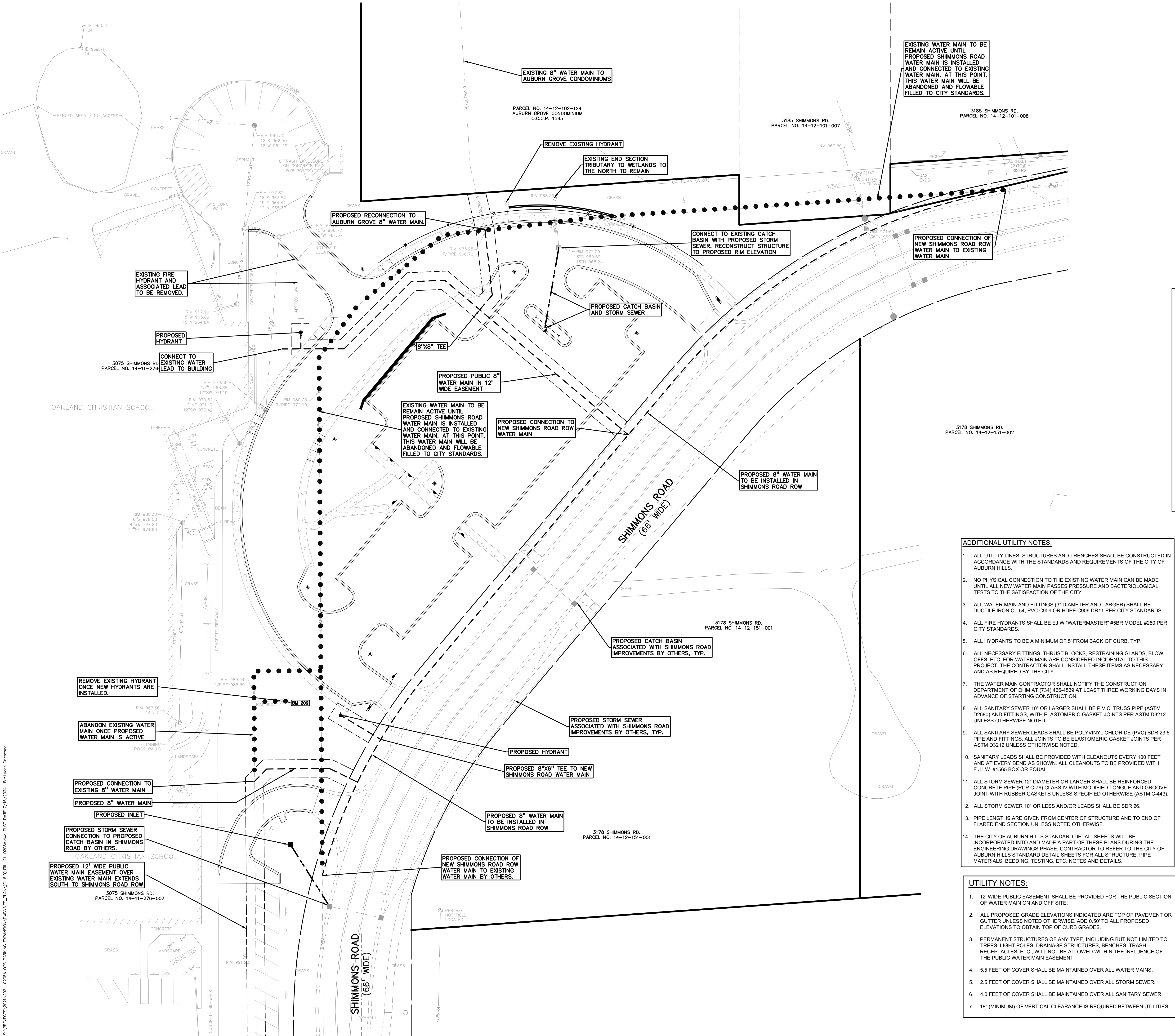
DRAWING NUMBER:

NOT FOR CONSTRUCTION

C-4.0



S:\PROJECTS\2021-2024\0208A\_OCS PARKING EXPANSION\DWG\SITE\_PLAN\_C-6.0.dwg PLOT DATE: 7/10/2024 BY: Lucretia Desjardins



UTILITY LEGEND:

- OH-ELEC-W-O EX. OH. ELEC. POLE & GUY WIRE
- UG-CATV-TY EX. U.G. CABLE TV & PEDESTAL
- UG-COMM-S-O EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE
- UG-ELEC-O-TY EX. U.G. ELEC. MANHOLE, METER & HANDHOLE
- EX. GAS LINE
- EX. GAS VALVE & GAS LINE MARKER
- EX. TRANSFORMER & IRRIGATION VALVE
- EX. WATER MAIN
- EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE
- EX. WATER VALVE BOX & SHUTOFF
- EX. SANITARY SEWER
- EX. SANITARY CLEANOUT & MANHOLE
- EX. COMBINED SEWER MANHOLE
- EX. STORM SEWER
- EX. CLEANOUT & MANHOLE
- EX. SQUARE, ROUND, & BEEHIVE CATCH BASIN
- EX. YARD DRAIN & ROOF DRAIN
- EX. UNIDENTIFIED STRUCTURE
- PROPOSED WATER MAIN
- PROPOSED HYDRANT AND GATE VALVE
- PROPOSED TAPPING SLEEVE, VALVE & WELL
- PROPOSED POST INDICATOR VALVE
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY CLEANOUT & MANHOLE
- PROPOSED STORM SEWER
- PROPOSED STORM SEWER CLEANOUT & MANHOLE
- PROPOSED CATCH BASIN, INLET & YARD DRAIN

FIRE DEPARTMENT NOTES:

- THE FOUR (4) INCH STEAMER CAPS ON ALL HYDRANTS SHALL BE PAINTED ACCORDING TO THE FOLLOWING:  
  
WHITE ON 4" MAINS  
RED ON 6" MAINS  
ORANGE ON 8" MAINS  
GREEN ON 12" MAINS  
BLUE ON 16" MAINS OR LARGER
- NO PARKING SHALL BE PERMITTED AND/OR NO OBSTRUCTIONS SHALL BE PLACED OR CONSTRUCTED WITHIN FIFTEEN (15) FEET OF ANY HYDRANT OR FIRE DEPARTMENT CONNECTION PUBLIC OR PRIVATE.
- THE FIRE DEPARTMENT CONNECTION MUST BE LOCATED WITHIN ONE HUNDRED (100) FEET OF A FIRE HYDRANT AND WITHIN FIFTY (50) FEET OF A MINIMUM TWENTY (20) FOOT WIDE PAVED DRIVEWAY OR STREET.
- GAS METERS, PROPANE TANKS, OVERHEAD ELECTRICAL SERVICES, AND TRANSFORMERS MUST NOT BE LOCATED ON THE SAME SIDE OF THE BUILDING OR STRUCTURE AS THE FIRE DEPARTMENT CONNECTION UNLESS A CLEAR DISTANCE OF ONE HUNDRED FIFTY (150) FEET CAN BE MAINTAINED BETWEEN UTILITIES AND THE FIRE DEPARTMENT CONNECTION.
- ALL DRIVE AREAS MUST BE POSTED AS FIRE LANES WITH UNIFORM SIGNS IN KEEPING WITH THE STANDARD ESTABLISHED IN THE MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. SIGNS MUST BE ERECTED ON BOTH SIDES OF THE FIRE LANES WITH SPACING BETWEEN SIGNS NOT EXCEEDING ONE HUNDRED (100) FEET.
- DESIGNATED EXIT DOORS ONTO DRIVES OR PARKING AREAS MUST BE PROTECTED WITH GUARD POSTS OR PARKING BLOCKS.
- A WHITE HIGH VISIBILITY STRIPE SHALL BE PAINTED ON THE UPPER FLANGE OF ALL FIRE HYDRANTS.

CITY OF AUBURN HILLS STANDARD NOTES:

- CONSTRUCTION SHALL CONFORM TO CURRENT CITY OF AUBURN HILLS' STANDARDS.
- NO WORK SHALL BE PERFORMED WITHOUT INSPECTION.
- A PERMIT FROM THE DPW IS REQUIRED FOR ALL CONSTRUCTION WITHIN CITY ROW.
- ALL CITY STREET MUST BE MAINTAINED DURING CONSTRUCTION. STREET SHALL BE KEPT FREE OF MUD, DIRT, CONSTRUCTION DEBRIS, DUST AND THE LIKE. IF CLEAN-UP IS NOT PERFORMED WITHIN 24 HOURS OF NOTIFICATION, THE CITY RESERVES THE RIGHT TO PERFORM THE WORK AND CHARGE THE DEVELOPER ACCORDINGLY.
- WORKING HOURS (INCLUDING RUNNING OF ANY MACHINERY) SHALL BE RESTRICTED TO MONDAY THROUGH SATURDAY, 7:00 AM TO 7:00 PM. SUNUP TO SUNDOWN, WHICHEVER IS LESS. CONSTRUCTION OPERATIONS BEYOND THE PERIODS MENTIONED ABOVE SHALL BE PERMITTED ONLY AFTER WRITTEN APPROVAL OF THE CITY MANAGER OR HIS DESIGNEE.
- ALL MATERIALS AND MANUFACTURERS SHALL CONFORM TO THE STANDARD DETAILS.
- UTILITY STRUCTURES SHALL NOT BE LOCATED IN DRIVEWAYS, AND WHERE POSSIBLE, SHALL NOT BE LOCATED IN PAVED AREAS.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH ACT 53 OF P.A. OF 1974 AND ALSO CONTACT OAKLAND COUNTY UTILITY AND PROTECTION SERVICE (MSS DIS 1-800-482-7171) THREE (3) WORKING DAYS BEFORE THE START OF ANY CONSTRUCTION.
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- ALL SOIL EROSION AND SEDIMENTATION CONTROLS SHALL BE IN ACCORDANCE WITH THE OAKLAND COUNTY STANDARDS AND DETAILS. THE CONTRACTOR SHALL FOLLOW LOCAL RULES AND REGULATIONS FOR SOIL EROSION AND SEDIMENTATION CONTROL FOR ALL MATERIALS THAT ARE DISPOSED OF OFF OF THE PROJECT SITE.
- ALL SOIL EROSION MEASURES MUST BE PROPERLY PLACED PRIOR TO GRADING OR OTHER CONSTRUCTION ACTIVITIES.
- FIELD CHANGES TO THE APPROVED PLAN SHALL BE BROUGHT TO THE ATTENTION OF THE CITY OF AUBURN HILLS. WHO WILL DETERMINE WHETHER THE CHANGE IS CONSIDERED "SIGNIFICANT". "SIGNIFICANT" FIELD CHANGES SHALL BE SUBMITTED TO THE CITY BY THE DESIGN ENGINEER. THE CITY SHALL NOT BE HELD RESPONSIBLE FOR DELAYS IN APPROVAL OF CHANGES TO THE APPROVED SITE IMPROVEMENT (ENGINEERING) PLAN.
- WHERE POSSIBLE, PUBLIC UTILITIES SHALL NOT BE PLACED UNDER PAVEMENT. THE CITY OF AUBURN HILLS SHALL NOT BE RESPONSIBLE FOR PAVEMENT, CURB, OR OTHER RESTORATION OF PERMANENT FACILITIES LOCATED WITHIN THE MUNICIPAL EASEMENT.
- 3 WORKING DAYS PRIOR TO STARTING CONSTRUCTION, CONTACT THE CONSTRUCTION DEPARTMENT OF ORCHARD, HILTZ & McCLEMENT, INC. AT (734) 466-4539 TO SCHEDULE INSPECTION. OHM SHALL INSPECT ALL SITE IMPROVEMENTS INCLUDING UNDERGROUND UTILITY INSTALLATION, EARTHWORK OPERATIONS, RETAINING WALLS, PAVEMENT IN CITY R.O.W., ALL SIDEWALKS OR SAFETY PATHS IN ANY PUBLIC R.O.W., AND ANY ADDITIONAL ITEMS NOTED DURING REVIEW OR AT THE PRE-CONSTRUCTION MEETING. FINAL OCCUPANCY MAY BE AFFECTED IF PROCEDURES ARE NOT FOLLOWED FOR PROPER INSPECTION.
- PERMANENT STRUCTURES OF ANY TYPE, INCLUDING BUT NOT LIMITED TO, TREES, LIGHT POLES, DRAINAGE STRUCTURES, SANITARY STRUCTURES, BENCHES, TRASH RECEPTACLES, ETC., WILL NOT BE ALLOWED WITHIN THE INFLUENCE OF THE PUBLIC WATER MAIN OR SANITARY SEWER EASEMENTS.

ADDITIONAL UTILITY NOTES:

- ALL UTILITY LINES, STRUCTURES AND TRENCHES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS OF THE CITY OF AUBURN HILLS.
- NO PHYSICAL CONNECTION TO THE EXISTING WATER MAIN CAN BE MADE UNTIL ALL NEW WATER MAIN PASSES PRESSURE AND BACTERIOLOGICAL TESTS TO THE SATISFACTION OF THE CITY.
- ALL WATER MAIN AND FITTINGS (3" DIAMETER AND LARGER) SHALL BE DUCTILE IRON CL-54, PVC C909 OR HDPE C906 DR11 PER CITY STANDARDS
- ALL FIRE HYDRANTS SHALL BE EIJW "WATERMASTER" #5BR MODEL #250 PER CITY STANDARDS
- ALL HYDRANTS TO BE A MINIMUM OF 5' FROM BACK OF CURB, TYP.
- THE WATER MAIN CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DEPARTMENT OF OHM AT (734) 466-4539 AT LEAST THREE WORKING DAYS IN ADVANCE OF STARTING CONSTRUCTION.
- ALL SANITARY SEWER 10" OR LARGER SHALL BE P.V.C. TRUSS PIPE (ASTM D2080) AND FITTINGS, WITH ELASTOMERIC GASKET JOINTS PER ASTM D3212 UNLESS OTHERWISE NOTED.
- ALL SANITARY SEWER LEADS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 23.5 PIPE AND FITTINGS. ALL JOINTS TO BE ELASTOMERIC GASKET JOINTS PER ASTM D3212 UNLESS OTHERWISE NOTED.
- SANITARY LEADS SHALL BE PROVIDED WITH CLEANOUTS EVERY 100 FEET AND AT EVERY BEND AS SHOWN. ALL CLEANOUTS TO BE PROVIDED WITH E.J.I.W. #1565 BOX OR EQUAL.
- ALL STORM SEWER 12" DIAMETER OR LARGER SHALL BE REINFORCED CONCRETE PIPE (RCP C-76) CLASS IV WITH MODIFIED TONGUE AND GROOVE JOINT WITH RUBBER GASKETS UNLESS SPECIFIED OTHERWISE (ASTM C-443).
- ALL STORM SEWER 10" OR LESS AND/OR LEADS SHALL BE SDR 26.
- PIPE LENGTHS ARE GIVEN FROM CENTER OF STRUCTURE AND TO END OF FLARED END SECTION UNLESS NOTED OTHERWISE.
- THE CITY OF AUBURN HILLS STANDARD DETAIL SHEETS WILL BE INCORPORATED INTO AND MADE A PART OF THESE PLANS DURING THE ENGINEERING DRAWINGS PHASE. CONTRACTOR TO REFER TO THE CITY OF AUBURN HILLS STANDARD DETAIL SHEETS FOR ALL STRUCTURE, PIPE MATERIALS, BEDDING, TESTING, ETC. NOTES AND DETAILS.

UTILITY NOTES:

- 12' WIDE PUBLIC EASEMENT SHALL BE PROVIDED FOR THE PUBLIC SECTION OF WATER MAIN ON AND OFF SITE.
- ALL PROPOSED GRADE ELEVATIONS INDICATED ARE TOP OF PAVEMENT OR GUTTER UNLESS NOTED OTHERWISE. ADD 0.50' TO ALL PROPOSED ELEVATIONS TO OBTAIN TOP OF CURB GRADES.
- PERMANENT STRUCTURES OF ANY TYPE, INCLUDING BUT NOT LIMITED TO, TREES, LIGHT POLES, DRAINAGE STRUCTURES, BENCHES, TRASH RECEPTACLES, ETC., WILL NOT BE ALLOWED WITHIN THE INFLUENCE OF THE PUBLIC WATER MAIN OR SANITARY SEWER EASEMENT.
- 5.5 FEET OF COVER SHALL BE MAINTAINED OVER ALL WATER MAINS.
- 2.5 FEET OF COVER SHALL BE MAINTAINED OVER ALL STORM SEWER.
- 4.0 FEET OF COVER SHALL BE MAINTAINED OVER ALL SANITARY SEWER.
- 18" (MINIMUM) OF VERTICAL CLEARANCE IS REQUIRED BETWEEN UTILITIES.



0 15 30 60  
SCALE: 1" = 30'



CAUTION!!  
THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE OR OTHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.

CLIENT

OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE

OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS

SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024

DRAWING TITLE

PRELIMINARY UTILITY PLAN

PEA JOB NO. 21-0208A

P.M. JPB

D.N. BV

DES. LD

DRAWING NUMBER:

NOT FOR CONSTRUCTION

C-6.0



THE FOLLOWING NOTES PROVIDE AN OUTLINE OF SOME OF THE REQUIREMENTS CONTAINED WITHIN THE "STANDARDS FOR ACCESSIBLE DESIGN - AMERICANS WITH DISABILITIES ACT 2010", AND "ACCESSIBLE AND USEABLE BUILDINGS AND FACILITIES", ICC/ANSI A117.1-2009. THE CONTRACTOR IS RESPONSIBLE FOR ALL OF THE REQUIREMENTS PRESENTED WITHIN THESE DOCUMENTS, WHICH ARE AVAILABLE IN FULL UPON REQUEST.

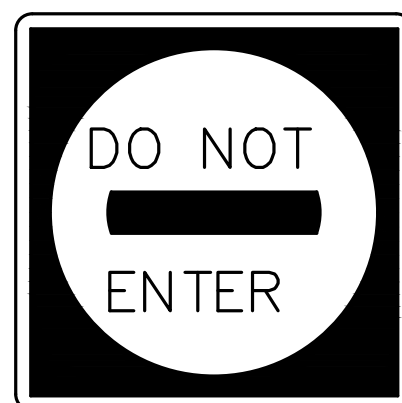
- 
- Technical drawing of a barrier-free parking space. The drawing shows a rectangular parking space with a central area marked with diagonal lines and the text "NO PARKING". The space is flanked by 4" wide blue parking stripes. The central area is 30" high and 30" wide. The text "NO PARKING" is 12" high and 30" wide. The space is 8'-0" wide and 8'-0" deep. The drawing includes callouts for dimensions and features, such as "4" OF PARKING SPACE", "4" WIDE BLUE PARKING STRIPES", "30" MAX. TYP.", "12" HIGH WHITE LETTERS, ARIAL FONT OR APPROVED EQUAL (8" WIDE AISLES ONLY)", "8'-0" MIN. STALL WIDTH", "8'-0" MIN. OF PARKING SPACE", "30" MIN.", "4" OF PARKING SPACE", "BARRIER FREE PARKING SYMBOL, TYP. AT EACH SPACE. REFER TO DETAIL DET-7 THIS SHEET", and "BARRIER FREE SIGNS AND POSTS, TYP. REFER TO DETAIL DET-1 ON THIS SHEET (PROVIDE SIGN LOCATIONS PER PLAN)". A note states: "NOTE: ALL DIMENSIONS ARE TO CENTER OF STRIPE UNLESS OTHERWISE INDICATED".

**NOTES:**

1. THE BARRIER FREE PARKING SPACE SHALL BE LOCATED IN THE CENTER ALONG THE EDGE OF THE DRIVE LANE.
2. PARKING SYMBOL STRIPES SHALL BE 3" WIDE.
3. CONTRACTOR SHALL ADJUST THE WIDTH OF THE JURISDICTIONAL REQUIREMENT TO ACCOMMODATE WITHIN ACCESSIBLE SPACE.

Diagram labels and dimensions:

- 5' (Overall width)
- 8' (Overall length)
- 2'-9" (Distance from edge to center line)
- 2' MIN. (Minimum width of accessible area)
- 1.5' (Distance from center line to edge)
- 1.5' (Distance from center line to edge)
- 3" (Width of white border)
- 2'-4" MIN. (Minimum width of accessible area)
- 4" MIN. (Minimum width of blue stripe)
- 3" MIN. (Minimum width of white border)
- 1" (Minimum width of blue stripe)
- 3" MIN. (Minimum width of white border)

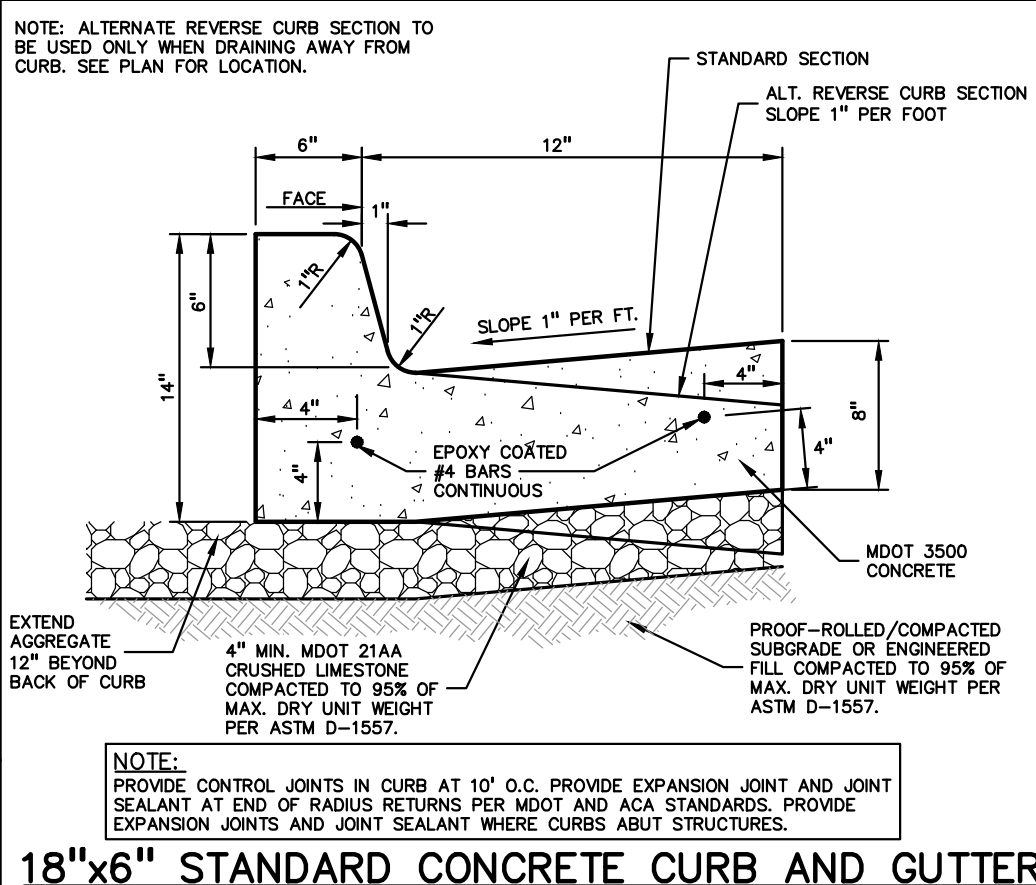


**BARRIER FREE SIGN NOTES:**

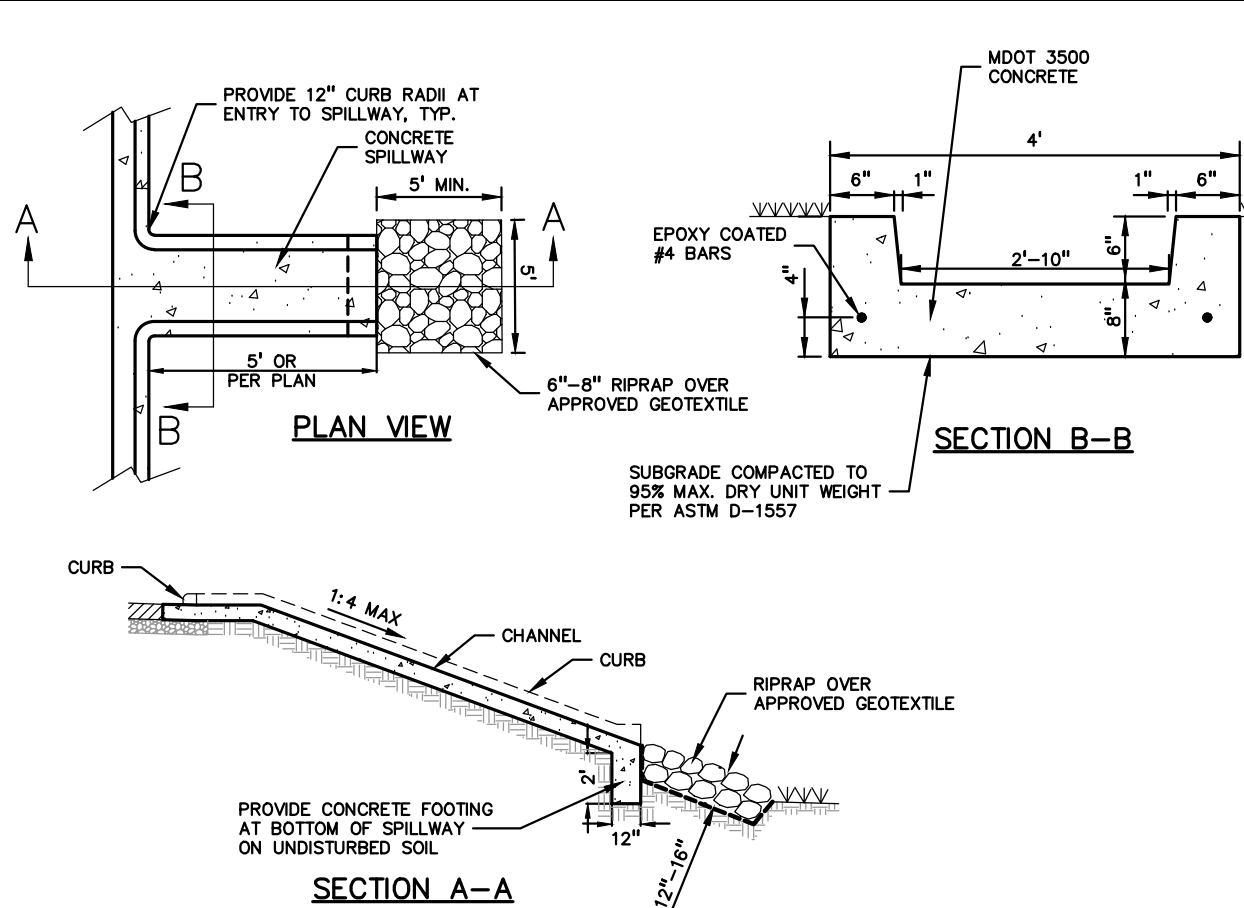
1. ONE SIGN IS REQUIRED AT EACH BARRIER FREE SPACE
2. ALL SIGNS SHALL COMPLY WITH THE LATEST EDITION OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
3. WHEN TWO BARRIER FREE PARKING SPACES ARE ADJACENT, TWO SIGNS SHALL BE REQUIRED

- 
- 84" HEIGHT TO  
RESERVED PARKING SIGN
- 72" MIN. HEIGHT TO  
BOTTOM OF LOWEST SIGN
- 1" - 6"
- 6"
- 1" WASH
- 2' MIN.
- 3' - 6"
- 4"
- FREE PARKING SIGN (R7-8). BOLT SIGN TO STEEL TUBE WITH AN 80 GRAM PHOSPHATED BOLTS, NUTS, AND WASHERS.
- 6"x12" x 0.060" ALUMINUM VAN ACCESSIBLE SIGN (R7-8B) WHEN APPLICABLE.
- SECONDARY/PENALTY SIGNAGE PER JURISDICTIONAL REQUIREMENTS WHEN APPLICABLE.
- 2"x2"x1/8" GALVANIZED STEEL TUBE. EXTEND INTO CONCRETE FILLED PIPE BOLLARD A MINIMUM OF 2'-0". PROVIDE WELDED WATERPROOF CAP.
- 6" DIA. SCHEDULE 40 GALVANIZED STEEL PIPE FILLED WITH CONCRETE (WHEN SIGN IS LOCATED IN PAVED AREA OR SIDEWALK). PROVIDE ROUNDED WASH AT TOP OF CONCRETE FILL WITH 1% FINISHED SLOPE. PAINT BOLLARD WITH 2 COATS OF SAFETY YELLOW PAINT, OR PROVIDE YELLOW BOLLARD SLEEVE.
- 18" DIA. CONCRETE FOOTING USING M.D.O.T. #1 CONCRETE, 3500 PSI, 60A OR APPROVED EQUIV.
- PAVEMENT SURFACE
- INSTALL BREAKAWAY TUBE POST IN SIGN LOCATIONS WHERE THE PIPE BOLLARD IS NOT REQUIRED.

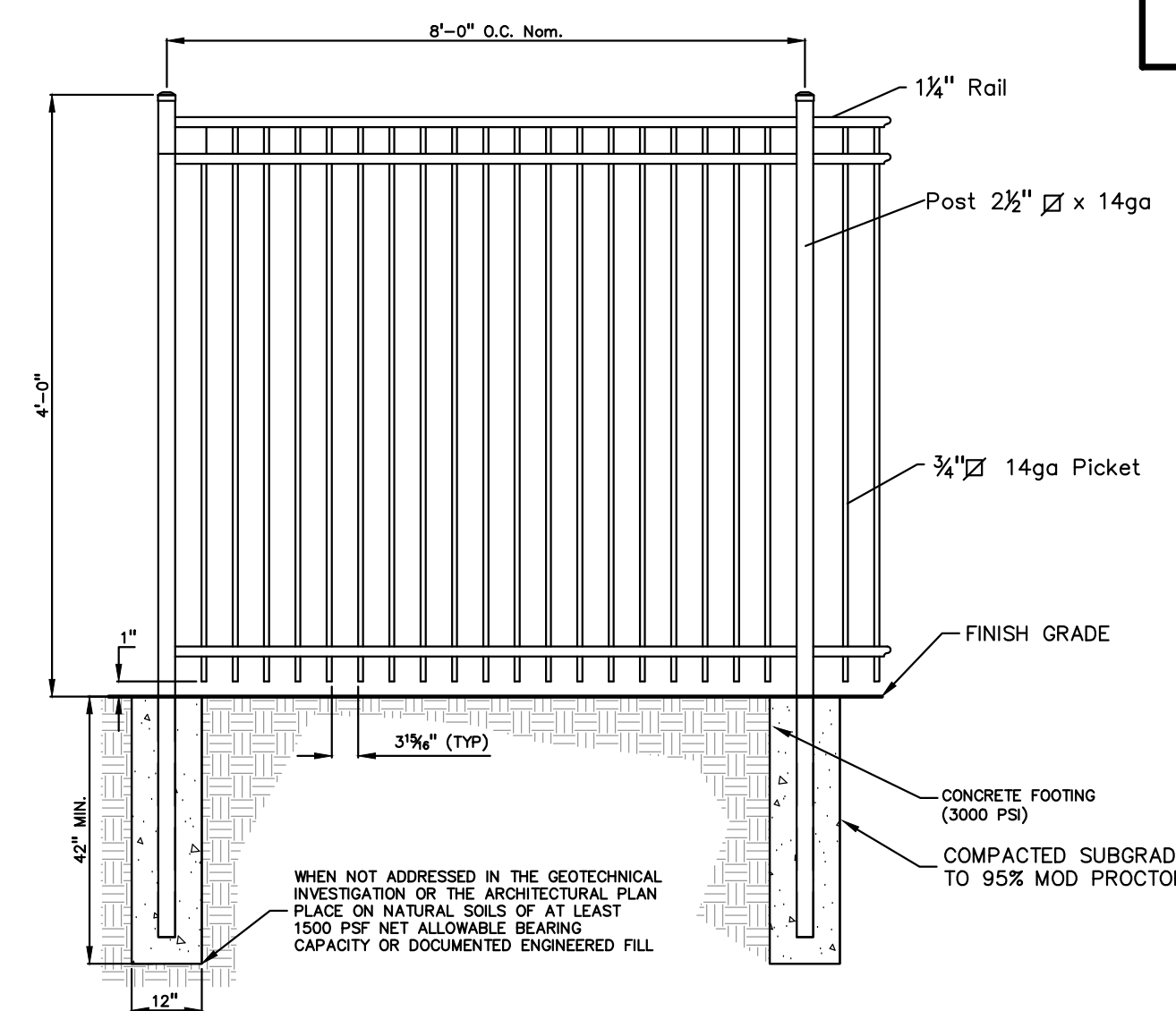
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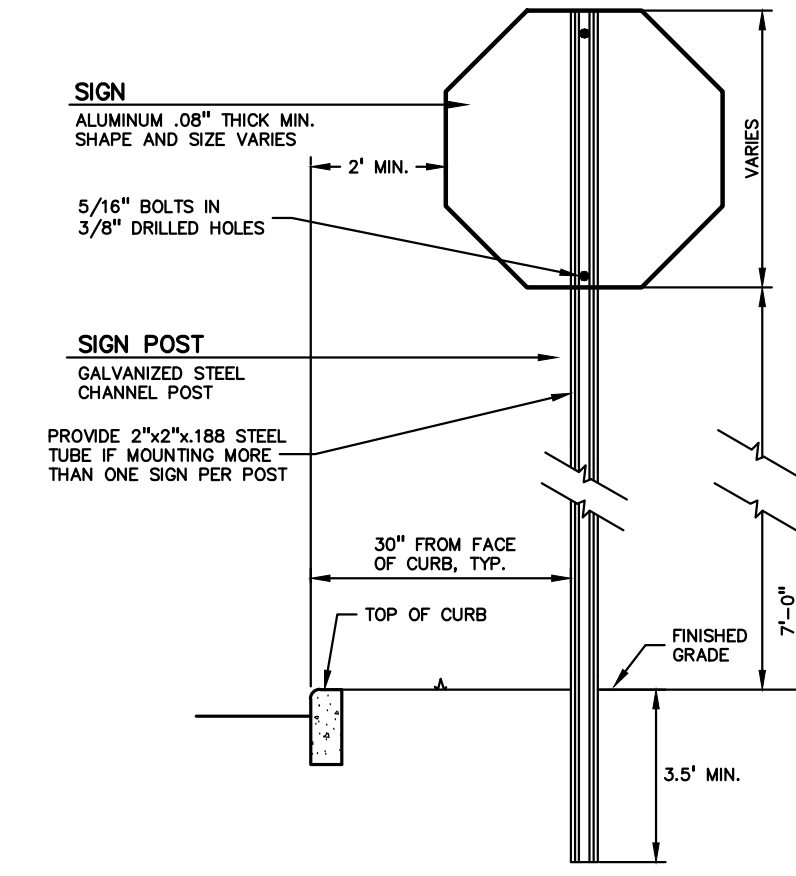
**18"x6" STANDARD CONCRETE CURB AND GUTTER**



CONCRETE CURB SPILLWAY DETAIL



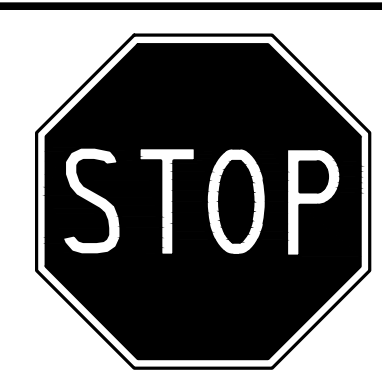
**ALUMINUM FENCE DETAIL**  
NOT TO SCALE



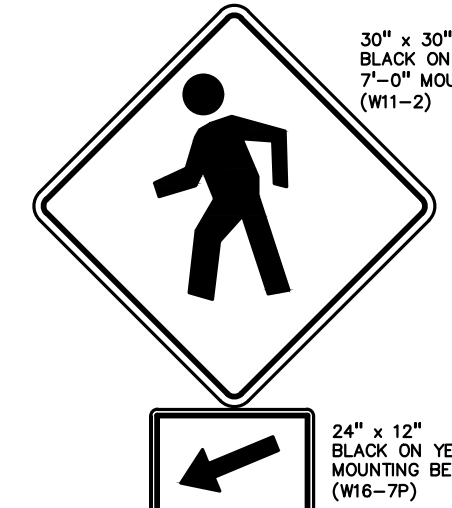
**SIGN AND POST INSTALLATION**  
**IN LANDSCAPED AREAS**  
NOT TO SCALE



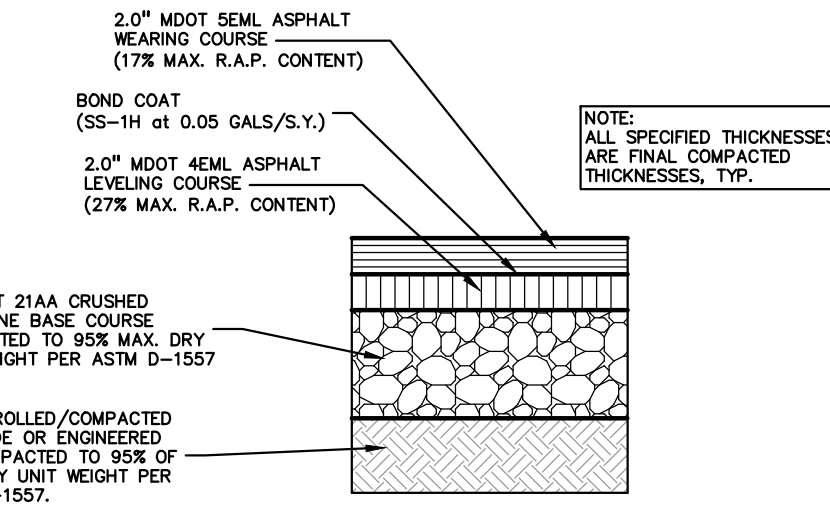
### ONE WAY SIGN DETAIL



### STOP SIGN DETAIL



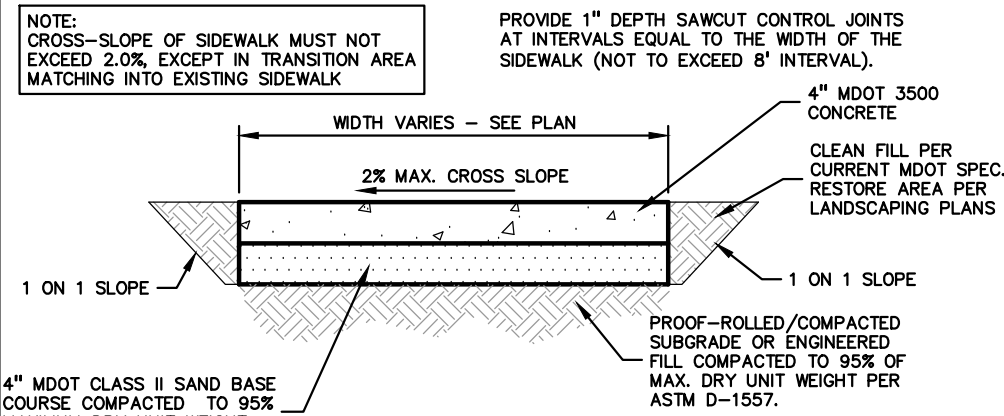
**CROSSWALK SIGN DETAIL**  
NOT TO SCALE



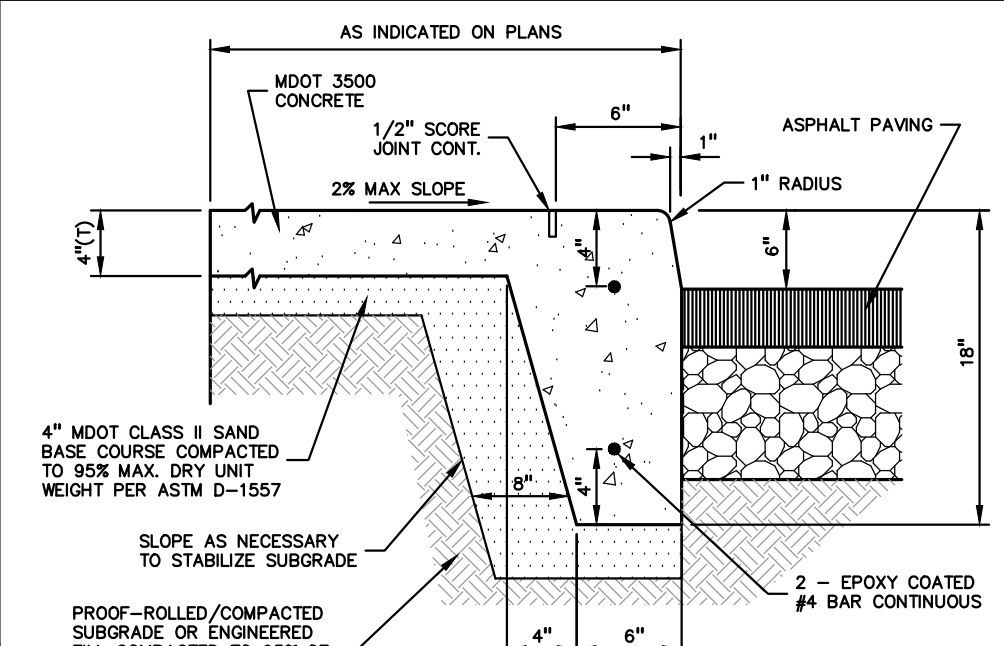
## STANDARD DUTY ASPHALT DETAIL

AGGREGATE BASE NOTE:  
THIS PAVEMENT SECTION DESIGN ASSUMES THE USE OF MDOT 21AA CRUSHED LIMESTONE BASE MATERIAL THAT MEETS THE REQUIREMENTS OF MDOT STANDARD SPECIFICATION SECTION 902 FOR AGGREGATES. IF CRUSHED CONCRETE AGGREGATE OR CRUSHED PORPHYRYCU OF THE SPEED CRUSHED LIMESTONE LIMESTONE MATERIAL, PE GROUP WILL REQUIRE A MINIMUM 25% INCREASE IN BASE THICKNESS. HOWEVER, IF TESTING DOCUMENTATION IS PROVIDED TO PEA GROUP THAT SHOWS THAT THE CRUSHED CONCRETE MATERIAL MEETS ALL REQUIREMENTS OF MDOT SPECIFICATION SECTION 902, THEN THE 25% INCREASE IN THICKNESS MAY BE REEVALUATED.

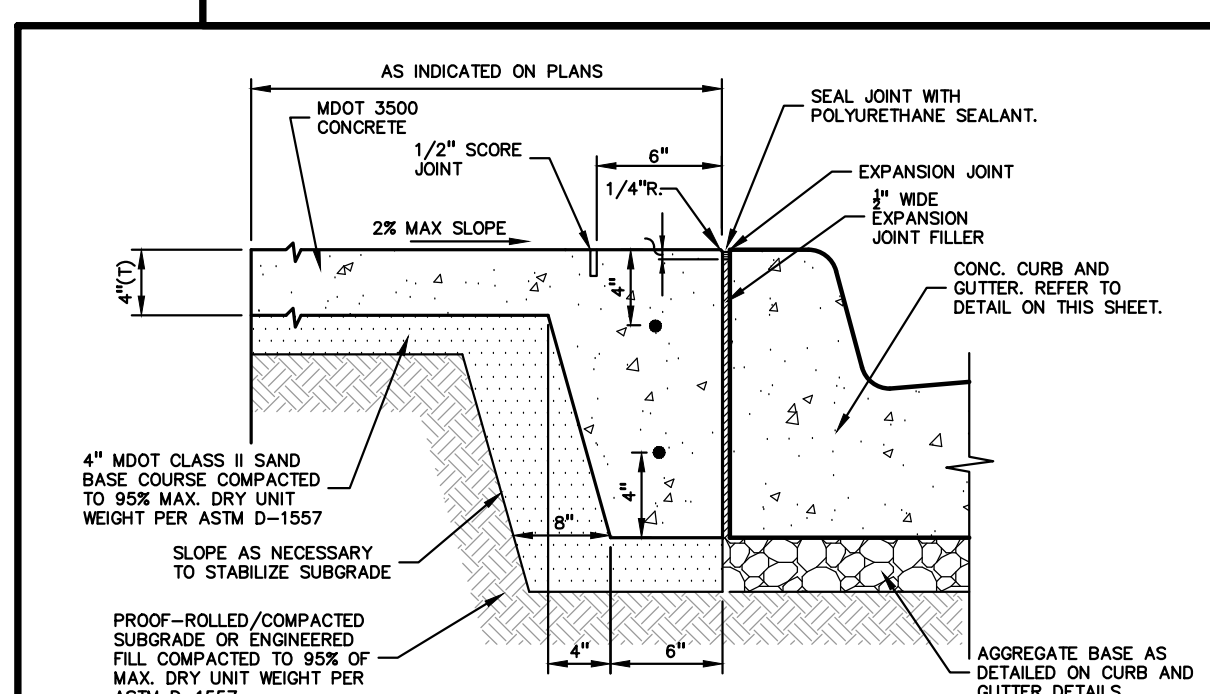
ASPHALT MATERIAL NOTES:  
HOT-MIX ASPHALT MIXTURES UTILIZING RECYCLED ASPHALT PAVEMENT (RAP) MUST MEET MDOT SPECIAL PROVISION 12SP501(E). THE BINDER GRADE FOR THIS WORK IS PG64-28. IF ASPHALT MIXES CONTAINING RAP ARE TO BE SUPPLIED FOR THIS PROJECT, THE ASPHALT BINDER MUST BE REVISED PER MDOT "TIER 1" OR "TIER 2" REQUIREMENTS (RAP CONTENT UP TO 27% MAXIMUM). TIER 3 MIXES ARE NOT ACCEPTABLE ON THIS PROJECT. AN ASPHALT MIX DESIGN FOR ALL SPECIFIED MIXES SHOULD BE FORWARDED TO PEA GROUP FOR REVIEW PRIOR TO CONSTRUCTION



**CONCRETE SIDEWALK**  
NOT TO SCALE

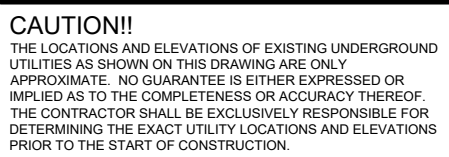


**INTEGRAL CURB AND SIDEWALK**  
NOT TO SCALE



**CONCRETE CURB AND GUTTER WITH SIDEWALK**  
NOT TO SCALE





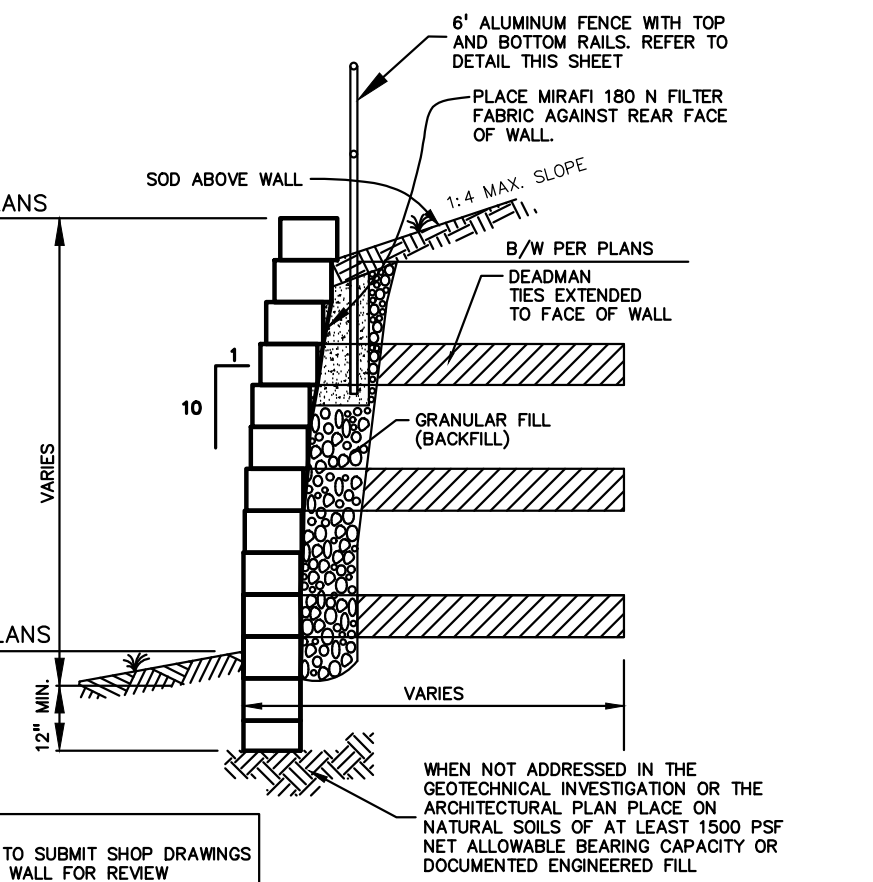
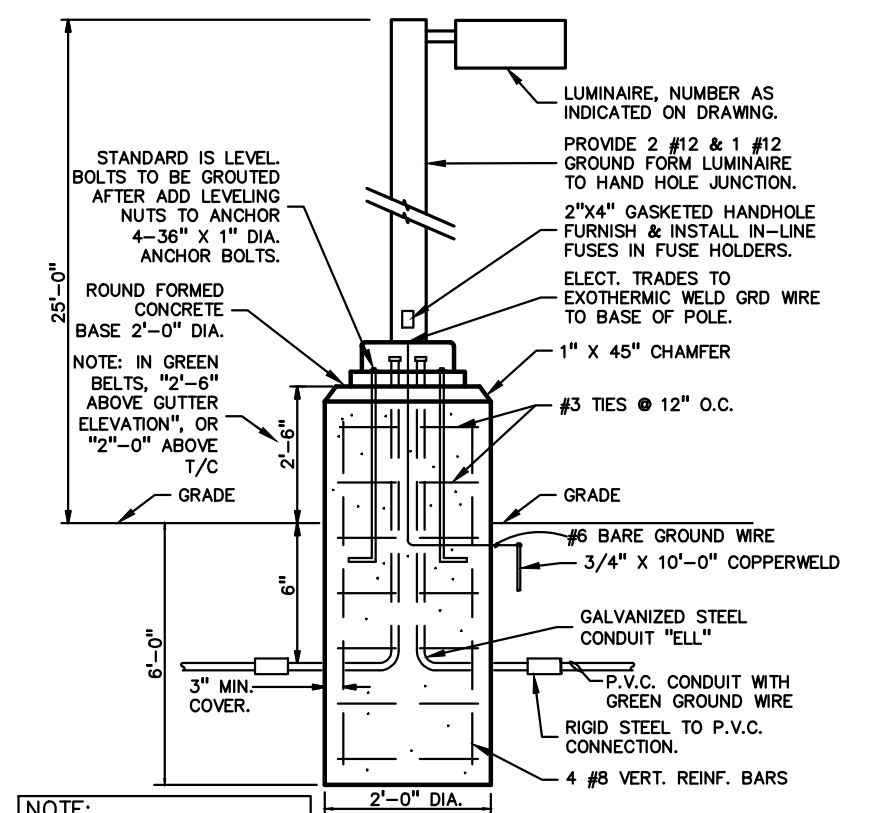
PROJECT TITLE

**OAKLAND  
CHRISTIAN  
SCHOOL  
PARKING  
EXPANSION**

3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

ORIGINAL ISSUE DATE:  
MAY 21, 2024

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	BV
DES.	LD

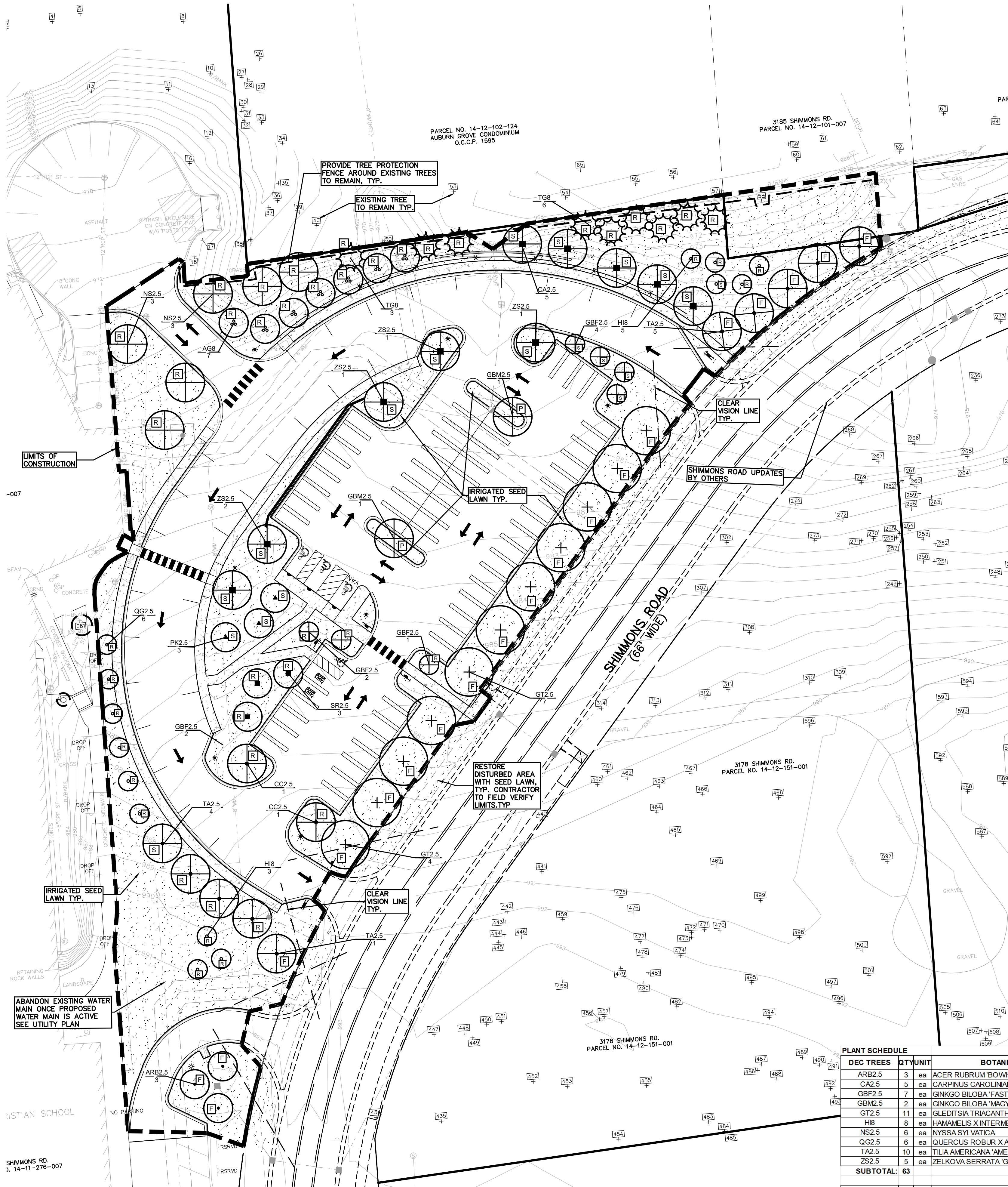


## C-9.1

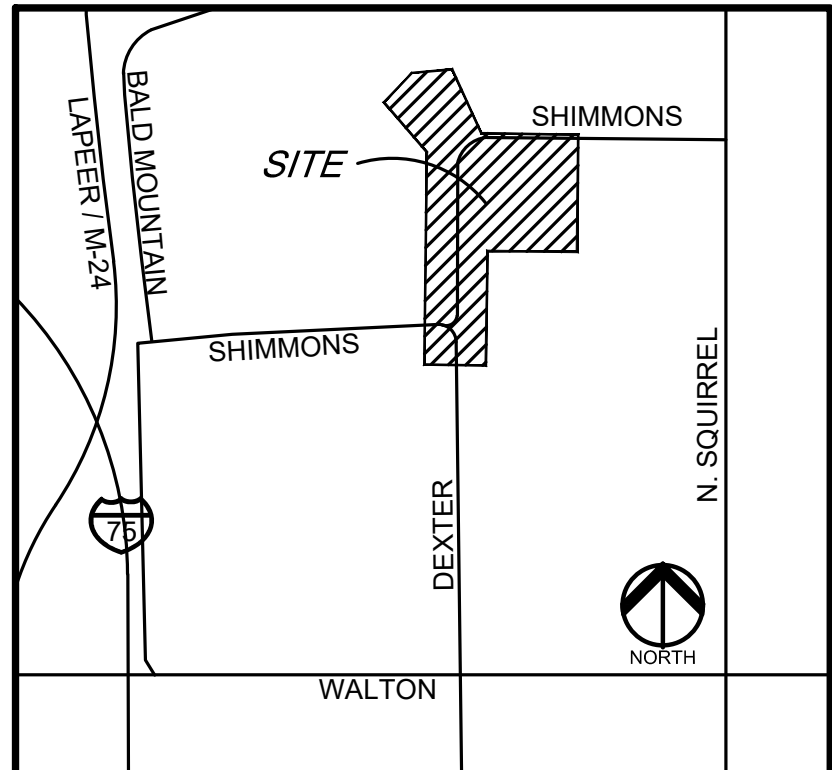
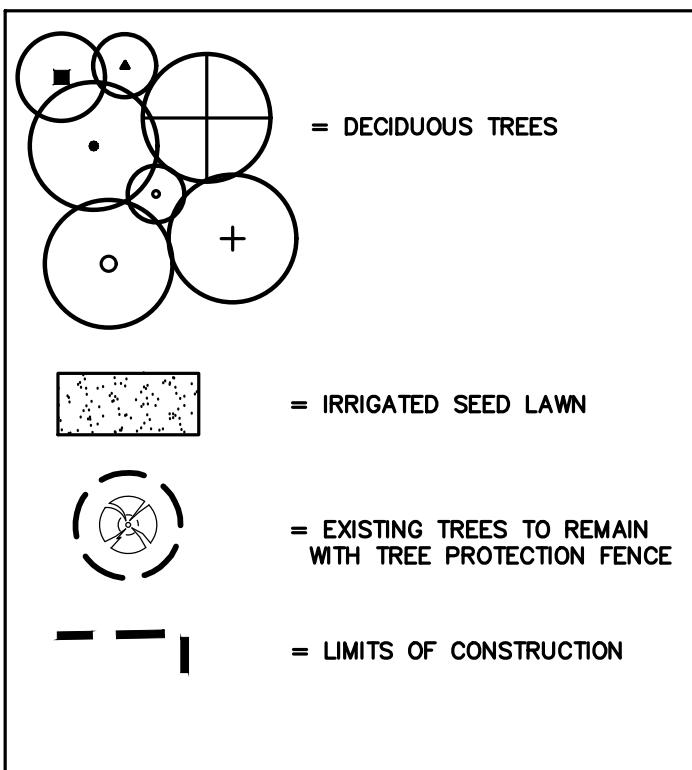


GENERAL PLANTING NOTES:

- LANDSCAPE CONTRACTOR SHALL VISIT SITE, INSPECT EXISTING SITE CONDITIONS AND REVIEW PROPOSED PLANTING AND RELATED WORK. IN CASE OF DISCREPANCY BETWEEN PLAN AND PLANT LIST, PLAN SHALL GOVERN QUANTITIES. CONTACT LANDSCAPE ARCHITECT WITH ANY CONCERNS.
- CONTRACTOR SHALL VERIFY LOCATIONS OF ALL ON SITE UTILITIES PRIOR TO BEGINNING CONSTRUCTION ON HIS/HER PHASE OF WORK. ELECTRIC, GAS, TELEPHONE, CABLE TELEVISION MAY BE LOCATED BY CALLING MISS DIG 1-800-482-7171. ANY DAMAGE OR INTERRUPTION OF SERVICES SHALL BE THE RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL COORDINATE ALL RELATED ACTIVITIES WITH OTHER TRADES ON THE JOB AND SHALL REPORT ANY UNACCEPTABLE JOB CONDITIONS TO OWNER'S REPRESENTATIVE PRIOR TO COMMENCING.
- ALL PLANT MATERIAL TO BE PREMIUM GRADE NURSERY STOCK AND SHALL SATISFY AMERICAN ASSOCIATION OF NURSERYMEN STANDARD FOR NURSERY STOCK. ALL LANDSCAPE MATERIAL SHALL BE NORTHERN GROWN, NO. 1. GRADE.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON LANDSCAPE PLAN PRIOR TO PRICING THE WORK.
- THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY PLANT MATERIAL NOT MEETING SPECIFICATIONS.
- ALL SINGLE STEM SHADE TREES TO HAVE STRAIGHT TRUNKS AND SYMMETRICAL CROWNS.
- ALL SINGLE TRUNK SHADE TREES TO HAVE A CENTRAL LEADER; TREES WITH FORKED OR IRREGULAR TRUNKS WILL NOT BE ACCEPTED.
- ALL MULTI STEM TREES SHALL BE HEAVILY BRANCHED AND HAVE SYMMETRICAL CROWNS. ONE SIDED TREES OR THOSE WITH THIN OR OPEN CROWNS SHALL NOT BE ACCEPTED.
- ALL EVERGREEN TREES SHALL BE HEAVILY BRANCHED AND FULL TO THE GROUND, SYMMETRICAL IN SHAPE AND NOT SHEARED FOR THE LAST FIVE GROWING SEASONS.
- ALL TREES TO HAVE CLAY OR CLAY LOAM BALLS, TREES WITH SAND BALLS WILL BE REJECTED.
- NO MACHINERY IS TO BE USED WITHIN THE DRIP LINE OF EXISTING TREES; HAND GRADE ALL LAWN AREAS WITHIN THE DRIP LINE OF EXISTING TREES.
- ALL TREE LOCATIONS SHALL BE STAKED BY LANDSCAPE CONTRACTOR AND ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF THE PLANT MATERIAL.
- IT IS MANDATORY THAT POSITIVE DRAINAGE IS PROVIDED AWAY FROM ALL BUILDINGS.
- ALL PLANTING BEDS SHALL RECEIVE 3" SHREDDED HARDWOOD BARK MULCH WITH PRE EMERGENT; SEE SPECIFICATIONS. SHREDDED PALETTE AND DYED MULCH WILL NOT BE ACCEPTED.
- ALL LANDSCAPED AREAS SHALL RECEIVE 3" COMPACTED TOPSOIL.
- SEE SPECIFICATIONS FOR ADDITIONAL COMMENTS, REQUIREMENTS, PLANTING PROCEDURES AND WARRANTY STANDARDS.
- FOR NON-LAWN SEED MIX AREAS, AS NOTED ON PLAN, BRUSH MOW ONCE SEASONALLY FOR INVASIVE SPECIES CONTROL.
- CONTRACTOR SHALL NOT INSTALL PLANTS UNDER BUILDING OVERHANG AND SHALL NOTIFY LANDSCAPE ARCHITECT IF DRAWINGS CONFLICT WITH BUILDING OVERHANGS.
- TREES SHALL NOT CONFLICT/ BLOCK PROPOSED REGULATORY/ DIRECTION SIGNAGE, MONUMENT SIGNS, ADDRESS OR LIGHT POLES. SHIFT TREES AS NECESSARY TYP.



KEY:



LOCATION MAP  
NO SCALE

LANDSCAPE CALCULATIONS PER CITY OF AUBURN HILLS:

TOTAL SITE AREA		2.16 ACRES (94,480 SF) NET AND GROSS
REQUIREMENT	REQUIRED	PROVIDED
NET LANDSCAPE AREA	94,480 FT. X 0.20 = 18,896 SQ FT. REQ.	52,810.56 SQ FT. LANDSCAPE AREA (33.4%)
SITE AREA LANDSCAPE (COUNT TOWARDS REPLACEMENT TREES)	18,564 / 1,000 = 19 TREES REQ.	<b>65 TOTAL TREES PROVIDED</b>
= S		(19 SITE TREES COUNTED TOWARDS REPLACEMENT TREES)
FRONTAGE LANDSCAPE	SHIMMONS ROAD: 577.81/30 = 20 TREES	20 TREES PROVIDED
= F		(20 FRONTAGE LANDSCAPE TREES COUNTED TOWARDS REPLACEMENT TREES)
PARKING INTERIOR LANDSCAPE	1 TREE/ISLAND 1 TREE PER 20 SPACES IN A ROW NOT IMMEDIATELY ADJACENT TO LANDSCAPE GREENBELT OR BUFFER 2 TREES REQUIRED	2 TREES PROVIDED 1 TREE/ISLAND EXCEPT WHERE UTILITIES CONFLICT
= P		
TOTAL LANDSCAPE TREES	41 TREES REQUIRED	<b>87 TOTAL NEW TREES PROVIDED</b>
TOTAL REPLACEMENT TREES	85 REPLACEMENT TREES REQUIRED	<b>87 REPLACEMENT TREES PROVIDED</b>
= R		

STANDARD TREES (OUTSIDE EXISTING AND PROPOSED R.O.W.)	
STANDARD TREES REMOVED:	85 (1:1 REPLACEMENT)
STANDARD TREES REMOVED TOTAL DBH:	782 INCHES
REPLACEMENT TREES REQUIRED:	85 (1:1 REPLACEMENT)

STANDARD TREES (OUTSIDE EXISTING AND PROPOSED R.O.W.)	
LANDMARK TREES REMOVED:	0
LANDMARK TREE DBH REMOVED:	0 (25% DBH REPLACEMENT)
REPLACEMENT DBH REQUIRED:	0 INCHES

Diversity requirements for trees:  
1 to 10 trees..... N/A  
11 to 50 trees..... 25% species, 50% genus  
51 to 100 trees... 20% species, 40% genus  
101+ trees..... 10% species, 20% genus

PLANT SCHEDULE									
DEC TREES	QTY/UNIT	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS	SPECIES (%)	GENUS (%)
ARB2.5	3 ea	ACER RUBRUM 'BOW-HALL'	BOW-HALL RED MAPLE	2.5" CAL	B&B	PER PLAN		4%	4%
CA2.5	5 ea	CARPINUS CAROLINIANA	AMERICAN HORNBEE	2.5" CAL	B&B	PER PLAN		7%	7%
GBF2.5	7 ea	GINKGO BILOBA 'FASTIGIATA'	FASTIGIATE MAIDENHAIR TREE	2.5" CAL	B&B	PER PLAN	MALE	10%	13%
GBM2.5	2 ea	GINKGO BILOBA 'MAGYAR'	MAGYAR MAIDENHAIR TREE	2.5" CAL	B&B	PER PLAN	MALE	3%	
GT2.5	11 ea	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE HONEY LOCUST	2.5" CAL	B&B	PER PLAN	THORNLESS	15%	15%
H18	8 ea	HAMAMELIS X INTERMEDIA 'ARNOLD PROMISE'	ARNOLD PROMISE WITCH HAZEL	8" HT.	B&B	PER PLAN	NOT GRAFTED	11%	11%
NS2.5	6 ea	NYSSA SYLVATICA	TUPELO	2.5" CAL	B&B	PER PLAN		8%	8%
QG2.5	6 ea	QUERCUS ROBUR X ALBA 'JFS-KW2QX'	SKINNY GENESIU+00AE OAK	2.5" CAL	B&B	PER PLAN		8%	8%
TA2.5	10 ea	TILIA AMERICANA 'AMERICAN SENTRY'	AMERICAN SENTRY LINDEN	2.5" CAL	B&B	PER PLAN		14%	14%
ZS2.5	5 ea	ZELKOVA SERRATA 'GREEN VASE'	GREEN VASE JAPANESE ZELKOVA	2.5" CAL	B&B	PER PLAN		7%	7%
SUBTOTAL:		63							

EVG TREES	QTY/UNIT	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS	SPECIES (%)	Duplicate
TG8	9 ea	THUJA STANDISHI X PLICATA 'GREEN GIANT'	GREEN GIANT ARBORVITAE	8" HT.	B&B	PER PLAN		13%	13%
SUBTOTAL:		9							

ORN TREES	QTY/UNIT	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	SPACING	REMARKS	SPECIES (%)	Duplicate
AG8	7 ea	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIA'	AUTUMN BRILLIANCE SERVICEBERRY	8" HT.	B&B	PER PLAN	MULTI-TRUNK	10%	10%
CC2.5	2 ea	CERCIS CANADENSIS	EASTERN REDBUD	2.5" CAL	B&B	PER PLAN		3%	3%
PK2.5	3 ea	PRUNUS SERRULATA 'KWANZAN'	KWANZAN JAPANESE FLOWERING CHERRY	2.5" CAL	B&B	PER PLAN		4%	4%
SR2.5	3 ea	SYRINGA RETICULATA 'IVORY SILK'	IVORY SILK JAPANESE TREE LILAC	2.5" CAL	B&B	PER PLAN		4%	4%
SUBTOTAL:		15							

PEA GROUP  
t: 844.813.2949  
www.peagroup.com



0 15 30 60  
SCALE: 1" = 30'



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CLIENT  
**OAKLAND CHRISTIAN SCHOOL LAND AND BUILDING COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE  
**OAKLAND CHRISTIAN SCHOOL PARKING EXPANSION**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

REVISIONS  
SPA SUBMITTAL 6/26/2024  
REVISED SPA 7/9/2024  
REVISED SPA 7/16/2024

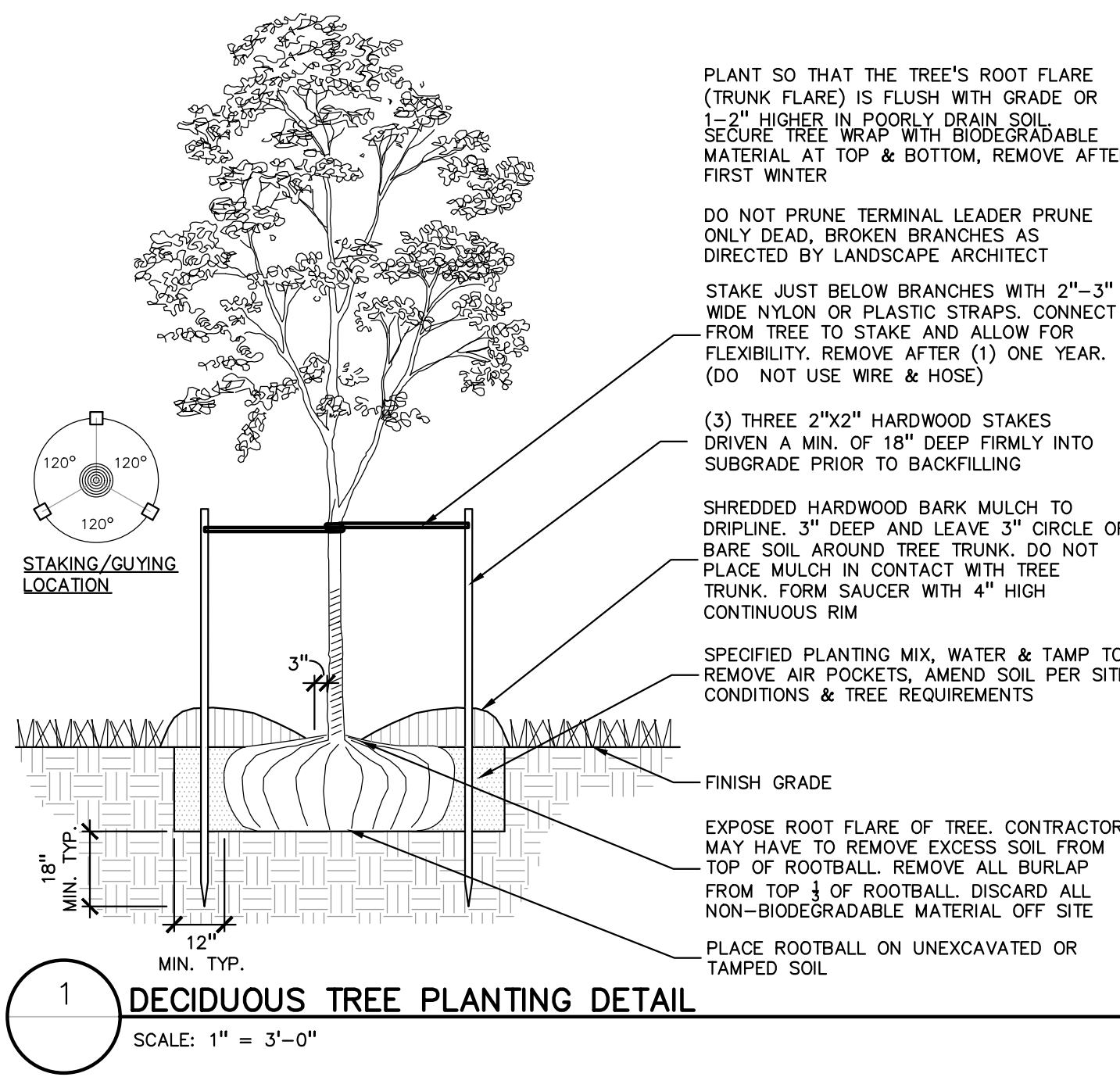
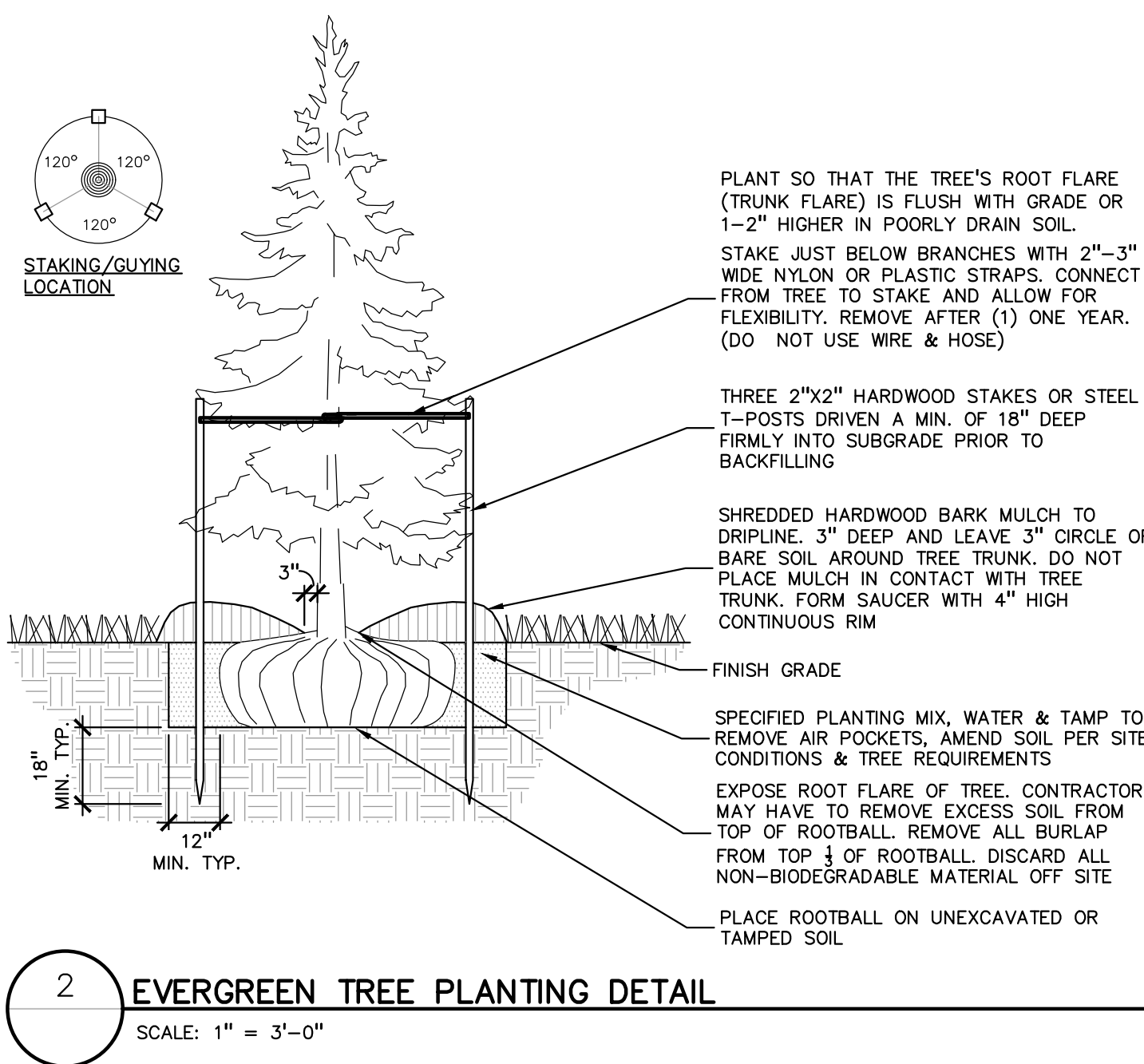
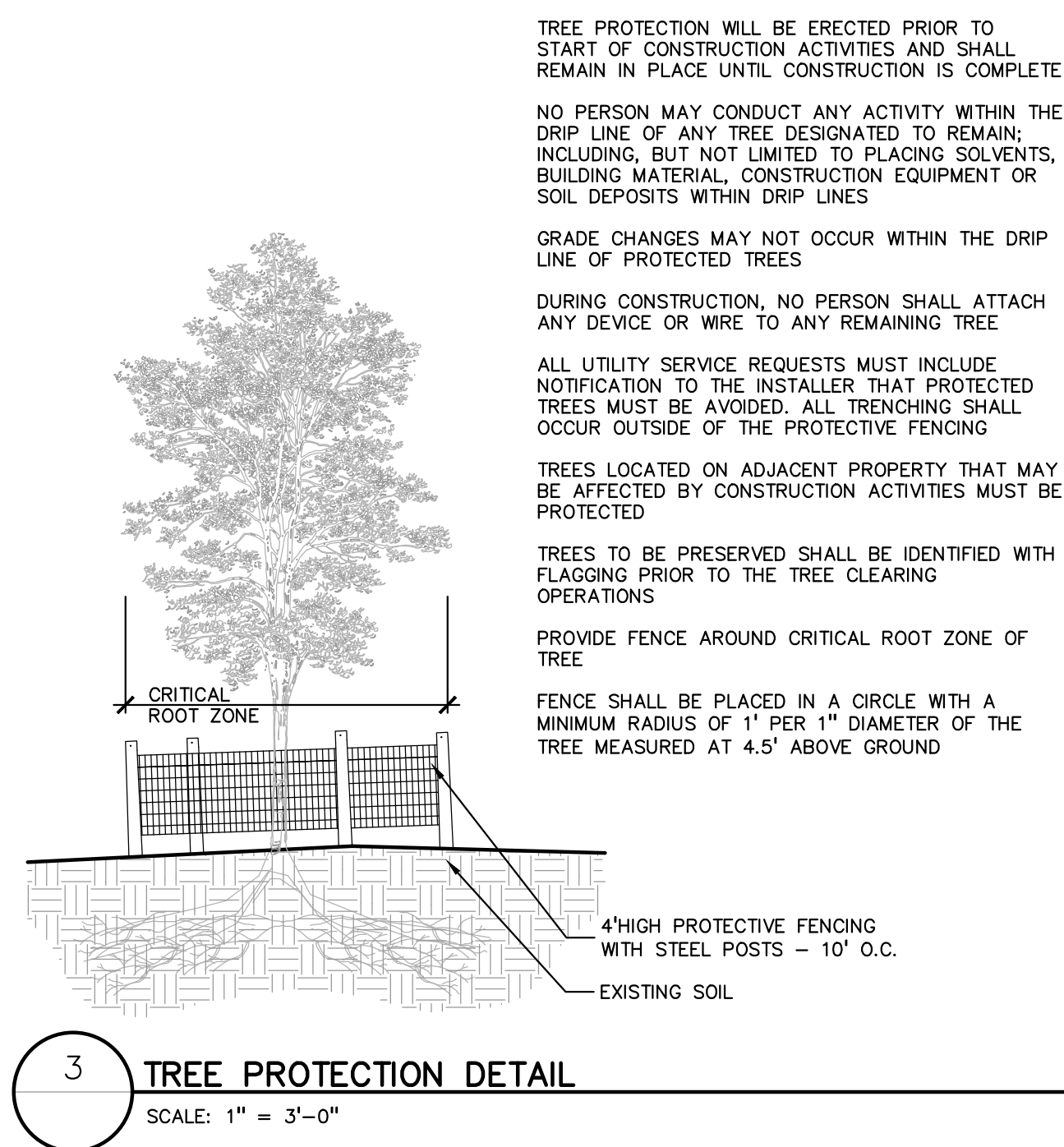
ORIGINAL ISSUE DATE:  
MAY 21, 2024  
DRAWING TITLE  
**PRELIMINARY LANDSCAPE PLAN**

PEA JOB NO. 21-0208A  
P.M. JPB  
DN. CAL  
DES. JLE  
DRAWING NUMBER:

NOT FOR CONSTRUCTION

L-1.0





CLIENT

**OAKLAND  
CHRISTIAN  
SCHOOL LAND  
AND BUILDING  
COMMITTEE**  
3075 SHIMMONS ROAD  
AUBURN HILLS, MI 48326

PROJECT TITLE

**OAKLAND  
CHRISTIAN  
SCHOOL  
PARKING  
EXPANSION**  
3075 SHIMMONS ROAD  
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SPA SUBMITTAL	6/26/2024
REVISED SPA	7/9/2024
REVISED SPA	7/16/2024

ORIGINAL ISSUE DATE:  
MAY 21, 2024

DRAWING TITLE

## LANDSCAPE DETAILS

PEA JOB NO.	21-0208A
P.M.	JPB
DN.	CAL
DES.	JLE

DRAWING NUMBER

**NOT FOR CONSTRUCTION**

**L-1.1**

## CHECKLIST

### PROJECT NAME

Oakland Christian School – Parking Expansion
--

(Check all that apply)

- ✓ SITE PLAN
- ✓ SPECIAL LAND USE
- ✓ TREE REMOVAL PERMIT
- REZONING
- PUD

The following items have not been included in your packet of information since they are either common, non-controversial items or the recommendations have been noted in the project's cover letter.

Public Notice  
Police Department Approval Letter  
Fire Department Approval Letter  
Citizen's Participation Letter and Report

However, if you wish to see a copy of the above documents, they are on file in the Community Development Department.



# CITY OF AUBURN HILLS

## CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 9B**

**DEPARTMENT OF PUBLIC WORKS**

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Stephen Baldante, Public Works Director  
**Submitted:** August 6, 2024  
**Subject:** Motion – Move to adopt a Resolution setting City Council Public Hearing for vacation of a portion of Shimmons Road Right-of-way for the August 26, 2024, City Council meeting

### INTRODUCTION AND HISTORY

The Dexter/Shimmons Curve Realignment is one of the projects in the 2024 Local Road Improvement Program. Earlier this year, a Memorandum of Understanding (MOU) was reached between the city and Oakland Christian School (OCS) regarding specific details of the project. As part of the MOU, the city has agreed to vacate an existing Right-of-way (ROW) along Shimmons Road where the road currently traverses upon completion of the new curve alignment. As part of the MOU, OCS previously granted property to the city for the new curve alignment.

In order to effectuate the vacation of the portion of Shimmons Road with respect to the new curve alignment, there are a number of steps which need to take place. The first step in the process would be to adopt a resolution setting a City Council public hearing on the vacation of a portion of the Shimmons Road ROW for the August 26<sup>th</sup> City Council meeting. The proposed resolution to set the public hearing is attached as Exhibit A. Section 62-14 of the City Code requires that a Notice of the August 26, 2024 public hearing regarding a portion of the Shimmons Road ROW must be published in the newspaper 15 days before the public hearing and that the Notice of the public hearing shall also be given to the owners of all property owners abutting Shimmons Road as shown upon the Assessment Roll of the City. In addition, a copy of the Notice of Public Hearing should be posted at City Hall at least one week before the Public Hearing.

### STAFF RECOMMENDATION

Staff recommends City Council adopt at its meeting on August 12, 2024 a Resolution setting a City Council Public Hearing for the August 26, 2024 City Council meeting.

### MOTION

**Move to adopt a Resolution setting a City Council Public Hearing on the vacation of a portion of the Shimmons Road Right-Of-Way for the City Council meeting on August 26, 2024.**

**I CONCUR:**

---

THOMAS A. TANGHE, CITY MANAGER

CITY OF AUBURN HILLS

**RESOLUTION**

At a meeting of the Auburn Hills City Council held on the 12<sup>th</sup> day of August 2024, at the City Hall at 1827 North Squirrel Road, Auburn Hills, Michigan 48326.

It was moved by \_\_\_\_\_ and seconded by \_\_\_\_\_;

WHEREAS, Section 62-14 of the Auburn Hills Code of Ordinances, as amended, provides that whenever the City Council shall deem it advisable to vacate any street, it may do so by Resolution, and shall, by Resolution, schedule a public hearing to hear objections to the proposed street vacation; and

WHEREAS the City Council is currently considering vacating a portion of Shimmons Road which as described herein; and

WHEREAS, the City Council has determined that it would be appropriate to hold a public hearing to consider the proposed vacation of the aforementioned portion of Shimmons Road.

NOW, THEREFORE, IT IS HEREBY RESOLVED by the Auburn Hills City Council that:

1. On August 26, 2024 at 7 pm, the Auburn Hills City Council will hold a public hearing in the City Council Chambers at 1827 North Squirrel Road, Auburn Hills, Michigan 48326, for the purpose of hearing objections and other comments on the proposed vacation of the portion of Shimmons Road located in the City of Auburn Hills, Michigan, and being legally described as set forth on Exhibit A, which is attached hereto and incorporated herein by reference.

2. The City Clerk shall take the necessary action to ensure that notice of the above-described public hearing shall be published in a newspaper of general circulation in the City not less than 15 days before the date of the public hearing, and notice shall also be given by first-class mail to the owners of all property abutting the portion of Shimmons Road proposed to be vacated, and, further, notice of the public hearing shall be posted at the City Hall at least one week prior to the date of the public hearing.

AYES:

NAYES:

ABSTENTIONS:

STATE OF MICHIGAN     )  
  ) ss  
COUNTY OF OAKLAND    )

I, Laura Pierce, the duly qualified and acting City Clerk of the City of Auburn Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true and complete copy of a Resolution adopted by the City Council of the City of Auburn Hills at a duly called meeting held on the 12<sup>th</sup> day of August, 2024, the original of which is on file in my office.

IN WITNESS WHEREOF, I have hereunto affixed my official signature this \_\_\_\_\_ day of \_\_\_\_\_ 2024.

\_\_\_\_\_  
LAURA PIERCE  
City Clerk

9202219

# EXHIBIT A

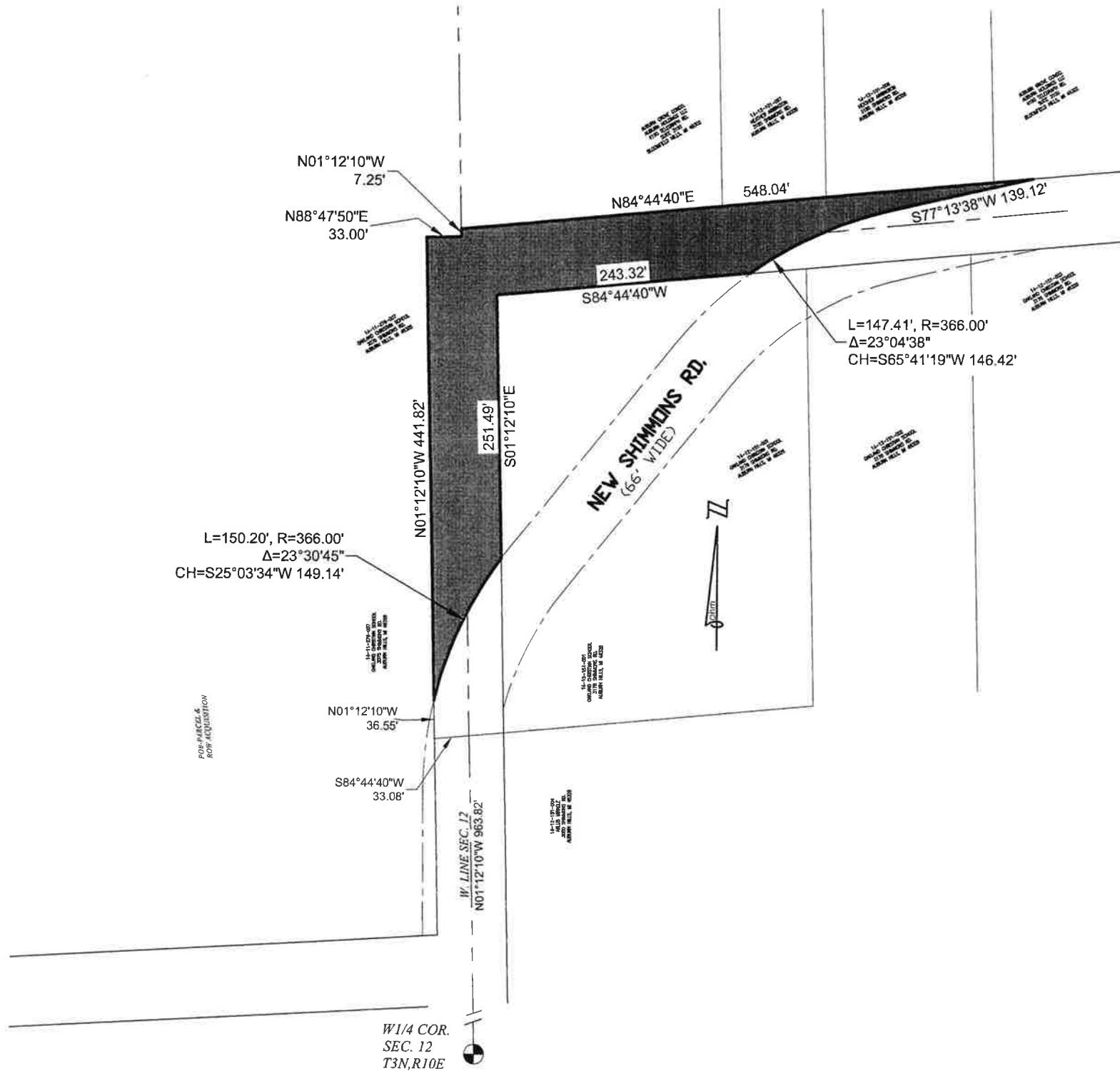
## **VACATED PART OF SHIMMONS ROAD**

A parcel of land being a part of the NW 1/4 of Section 12, Town 3 North, Range 10 East, City of Auburn Hills, Oakland County, Michigan, more particularly described as follows:

Commencing at the West 1/4 corner of said Section 12; thence N 01°12'10" W 963.82 feet along the West line of said Section 12; thence S 84°44'40" W 33.08 feet; thence N 01°12'10" W 36.55 feet to the Point of Beginning; thence continuing N 01°12'10" W 441.82 feet; thence N 88°47'50" E 33.00 feet; thence N 01°12'10" W 7.25 feet; thence N 84°44'40" E 548.04 feet; thence S 77°13'38" W 139.12 feet; thence 147.41 feet along a curve to the left, radius 366.00 feet, delta 23°04'38", chord bears S 65°41'19" W 146.42 feet; thence S 84°44'40" W 243.32 feet; thence S 01°12'10" E 251.49 feet; thence 150.20 feet along a curve to the left, radius 366.00 feet, delta 23°30'45", chord bears S 25°03'34" W 149.14 feet to the Point of Beginning. Subject to all easements and restrictions of record, if any.

Contains 46,521 square feet or 1.068 acres.







# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 9C

COMMUNITY DEVELOPMENT

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Steven J. Cohen, AICP, Director of Community Development  
**Submitted:** July 30, 2024  
**Subject:** Motion – To Accept the First and Second Quarter 2024 Monitoring Network Review Summaries for the Oakland Heights Development Landfill

## INTRODUCTION

Attached are the First and Second Quarter 2024 Monitoring Network Review Summaries prepared by the City's consultant, Andy Foerg, with Environmental Consulting Solutions (ECS), for the Oakland Heights Development Landfill. **The landfill's monitoring network appears to be adequate for detecting potential releases to the environment.**

## ACTION ITEMS TO WATCH

Exceedances of the average daily flow rate have been observed in the landfill's secondary collection system in Cells F and C since 2023. The landfill's consulting team and Mr. Foerg concluded the liquid in the secondary collection system appears to be from surface water infiltration - not a leachate release from the landfill. Further investigation and monitoring of the average daily flow rate in the cells is warranted. The landfill's consulting team intends to investigate the eastern sides of Cells F and C this summer to determine how stormwater runoff has infiltrated the landfill's secondary collection system.

## STAFF RECOMMENDATION

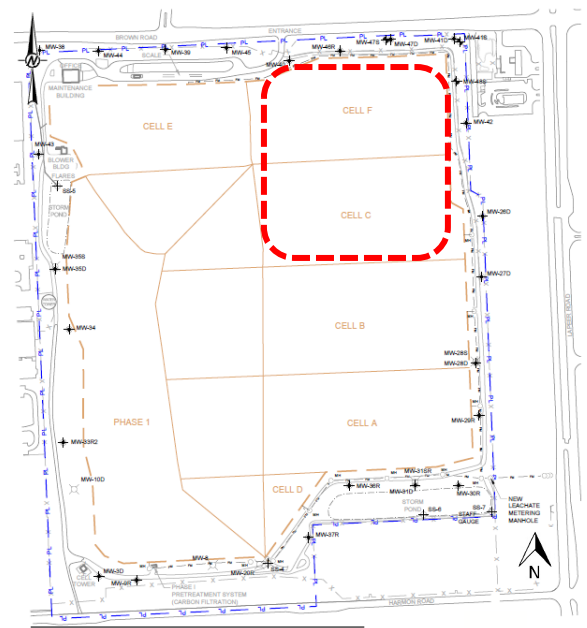
**Staff recommend accepting the reports.** Andy Foerg from ECS and Robb Moore from the Oakland Heights Development Landfill are scheduled to attend the meeting should the City Council wish to discuss the summary reports.

## MOTION

Move to accept the First and Second Quarter 2024 Monitoring Network Review Summaries prepared by Environmental Consulting Solutions for the Oakland Heights Development Landfill.

I CONCUR:

THOMAS A. TANGHE, CITY MANAGER



Location of Cells F and C at the OHD Landfill



**environmental consulting solutions**  
523 W. Sunnybrook Drive, Royal Oak, Michigan 48073

May 29, 2024

Mr. Steven J. Cohen, AICP  
City of Auburn Hills  
1827 North Squirrel Road  
Auburn Hills, Michigan 48326

RE: 1st Quarter 2024 Monitoring Network Review Summary  
Oakland Heights Development Landfill  
ECS Project: A101-0001

Dear Mr. Cohen:

Environmental Consulting Solutions, LLC (ECS) is pleased to present the 1st Quarter 2024 (2024 Q1) Monitoring Network Review Summary for the Oakland Heights Development Landfill (OHD) in Auburn Hills, Michigan. ECS reviewed the April 25, 2024 WSP USA Inc. First Quarter 2024 Hydrogeologic Monitoring Report for Oakland Heights Development and provided monitoring oversight.

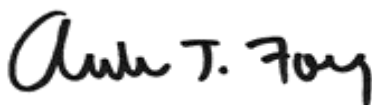
WSP USA Inc. (WSP) of Farmington Hills, Michigan is OHD's monitoring consultant and Environmental Sampling Services Inc. (ESS) of Holly, Michigan is the sampling contractor that performed the 2024 Q1 sampling. The following table provides a summary of our conclusions/recommendations.

Service	Notes	Conclusion
Field Observations	The monitoring system appeared to be in a reasonable condition and the repairs mentioned in the 2023 Q4 report have been completed.	Acceptable
Groundwater Monitoring	Several unconfirmed, initial exceedances were reported. No newly verified exceedances were reported for this event therefore no Alternate Source Demonstrations were required.	Acceptable

Secondary Collection System Monitoring	<p><b>The SCS daily average flow rates exceeded the specified AFR at Cells F and C for all months in Q1 and SCS samples were collected from these cells. WSP concluded that key indicator parameters were observed at concentrations that are significantly lower than those observed in the site leachate. WSP concluded that another source such as surface water infiltration may be responsible for the elevated flows in these cells and ECS concurs.</b></p> <p><b>OHD is currently investigating the source of infiltration and has found no operational issues within Cell C and Cell F. Due to a final cover project in 2022, stormwater drainage patterns around these cells were changed. OHD will investigate the eastern sides of Cell C and Cell F this summer to try and determine how runoff is infiltrating the SCS.</b></p>	<b>AFR exceedances warrant further investigation and monitoring</b>
Surface Water Monitoring	Surface water samples were collected from locations SS-5 and SS-6 during Q1; the remaining surface water sample locations were dry. WSP stated that all the parameters were within historical range except SS-5 TOC. This could be associated with high turbidity in the sample.	Acceptable
Leachate Monitoring	WSP concluded that the Q1 2024 leachate sample results were typical for landfill leachate.	Acceptable

ECS is pleased to provide these services to the City of Auburn Hills. If you have any questions or desire further clarification, please contact us at (248) 763-3639.

Sincerely,  
**ENVIRONMENTAL CONSULTING SOLUTIONS, LLC**



Andrew J. Foerg, CPG  
President

cc: Mary L. Siegan, P.E. – WSP USA Inc.  
Rachel Rubach – WSP USA Inc.  
Robb Moore – Republic Services



**environmental consulting solutions**  
523 W. Sunnybrook Drive, Royal Oak, Michigan 48073

July 28, 2024

Mr. Steven J. Cohen, AICP  
City of Auburn Hills  
1827 North Squirrel Road  
Auburn Hills, Michigan 48326

RE: 2nd Quarter 2024 Monitoring Network Review Summary  
Oakland Heights Development Landfill  
ECS Project: A101-0001

Dear Mr. Cohen:

Environmental Consulting Solutions, LLC (ECS) is pleased to present the 2nd Quarter 2024 (2024 Q2) Monitoring Network Review Summary for the Oakland Heights Development Landfill (OHD) in Auburn Hills, Michigan. ECS reviewed the July 16, 2024 WSP USA Inc. Second Quarter 2024 Hydrogeologic Monitoring Report for Oakland Heights Development and provided monitoring oversight.

WSP USA Inc. (WSP) of Farmington Hills, Michigan is OHD's monitoring consultant and Environmental Sampling Services Inc. (ESS) of Holly, Michigan is the sampling contractor that performed the 2024 Q2 sampling. The following table provides a summary of our conclusions/recommendations.

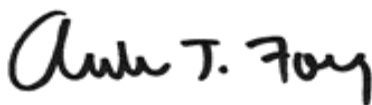
Service	Notes	Conclusion
Field Observations	The monitoring system appeared to be in satisfactory condition.	Acceptable
Groundwater Monitoring	Some unconfirmed, initial exceedances were reported. They will be verified during the 3 <sup>rd</sup> Quarter event. Two newly verified exceedances were reported for this event. The WSP Alternate Source Demonstrations concluded that the exceedances appear due to natural variability and not a result of releases from the landfill. ECS concurs.	Acceptable



Secondary Collection System Monitoring	<p><b>The SCS daily average flow rates exceeded the specified AFR at Cells F and C for all months in Q2 and SCS samples were collected from these cells. WSP stated that indicator parameters in site leachate were reported at concentrations that are significantly higher than those observed in the SCS samples. WSP believes that surface water infiltration may be responsible for the elevated flows in these cells. ECS concurs.</b></p> <p><b>OHD has found no operational issues within Cell C and Cell F. OHD will investigate the eastern sides of Cell C and Cell F this summer to try and determine how runoff is infiltrating the SCS.</b></p>	<b>AFR exceedances warrant further investigation and monitoring</b>
Surface Water Monitoring	A Surface Water sample was collected from location SS-5 during Q2; the remaining surface water sample locations were dry. WSP noted the SS-5 sample had an elevated turbidity reading.	Acceptable
Leachate Monitoring	WSP concluded that the Q2 2024 leachate sample results were typical for landfill leachate.	Acceptable

ECS is pleased to provide these services to the City of Auburn Hills. If you have any questions or desire further clarification, please contact us at (248) 763-3639.

Sincerely,  
**ENVIRONMENTAL CONSULTING SOLUTIONS, LLC**



Andrew J. Foerg, CPG  
President

cc: Mary L. Siegan, P.E. – WSP USA Inc.  
Rachel Rubach – WSP USA Inc.  
Robb Moore – Republic Services



**CITY OF AUBURN HILLS**  
**REGULAR CITY COUNCIL MEETING**  
**MINUTES - EXCERPT**

APRIL 1, 2024

**CALL TO ORDER &** Mayor Marzolf at 7:00 PM.

**PLEDGE OF ALLEGIANCE:**

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

**ROLL CALL:** Present: Council Members Ferguson, Fletcher, Hawkins, Knight, and Marzolf

Absent: Council Members McDaniel and Verbeke

Also Present: Assistant City Manager Skopek, City Attorney Beckerleg, City Clerk Pierce, Chief of Police Gagnon, Fire Chief Massingill, Community Development Director Cohen, Construction Coordinator Lang, DPW Director Baldante, Manager of Fleet & Roads Hefner, Commercial/Industrial Appraiser Griffin, Engineers Driesenga

8 Guests

**4. NEW BUSINESS**

9a. Motion – To accept the First, Second, Third, and Fourth Quarter 2023 Monitoring Network Review Summaries and the 2023 Annual Monitoring Network Review Summary of the Oakland Heights Development Landfill.

Mr. Foerg discussed the excess water that has been found in the secondary collection system. He explained that if the liquid goes over a certain amount, it is examined to see what is causing the increase. It has been sampled and it did not indicate any leachate, so the liquid is not coming from the landfill but rather surface water infiltration, a construction issue.

**Moved by Fletcher, Seconded by Ferguson.**

**RESOLVED:** To accept the First, Second, Third, and Fourth Quarter 2023 Monitoring Network Review Summaries and the 2023 Annual Monitoring Network Review Summary prepared by Environmental Consulting Solutions for the Oakland Heights Development Landfill.

**VOTE:** Yes: Ferguson, Fletcher, Hawkins, Knight, Marzolf

No: None

**Resolution No. 24.04.56**

**Motion Carried (5 - 0)**



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

**MEETING DATE: AUGUST 12, 2024**

**AGENDA ITEM NO 9D**

**DEPARTMENT OF PUBLIC WORKS**

**To: Mayor and City Council**  
**From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads**  
**Submitted: August 5, 2024**  
**Subject: Motion – Approve the OHM Advisors Scope of Design Services and G2 Geotechnical Services for the Butler Road Improvements**

## **INTRODUCTION AND HISTORY**

Over the past 25 years, numerous discussions have taken place regarding potential improvements for Butler Road. In 2019, asphalt millings were placed on the surface preceding a chip and slurry seal of the road. This process has had long-term success on other roads within the city and was believed to be between a ten and twenty-year product. Unfortunately, major potholes began to emerge in a couple sections of the roadway in the spring of 2020. These potholes are different from normal potholes in the fact that the road isn't gravel so it cannot be graded and isn't truly asphalt so it can't be patched with a normal asphalt patch. Staff budgeted and made some major repairs to the base material and added a second chip and slurry seal to these sections in 2021 in conjunction with Rochester Hills' reconstruction project of their portion of Butler Road. Since that repair was completed, the sections of the roadway next to the repairs have now begun to have major potholes. The cause of these potholes is a complex combination of poor base conditions underneath the roadway, poor storm drainage to remove water away from the roadway, and the freeze-thaw cycle of the seasons. After considering the multiple options that could be recommended, staff have agreed that the best solution is to reconstruct the roadway, adding new storm sewer and base material. Because of the severity of the potholes and the inability to patch them in a long-lasting manner, staff recommends expediting this project.

The design of the project is anticipated to include grading and tree removal to allow for two 11-foot lanes of traffic and the addition of curb and gutter. This would make the new roadway 27 feet wide, roughly 9 feet wider than it is currently. In addition, 8 inches of new base material, 5 inches of asphalt, new underdrain, and new storm sewer anticipated to head south (and will need an easement) will be installed as part of this project. Once the geotechnical results are returned, additional upgrades to stabilize the roadway may be added.

Included in Exhibit 1 is the Scope of Design Services for OHM Advisors in the not-to exceed amount of \$135,000. In addition, G2 will be utilized for geotechnical services at an estimated cost of \$10,000. Being that this project was not originally in the Capital Plan, the funds for design were not budgeted and an amendment in the amount of \$145,000 will be necessary. These funds are expected to be reimbursed by TIFA A and TIFA D at tomorrow's TIFA Board Meeting. Funds for the construction of the project will be budgeted within the 2025 Local Roads Fund and may be budget amended forward should construction be able to begin this fall/winter with an anticipated spring paving.

## **STAFF RECOMMENDATION**

Staff recommends approval of the OHM Advisors scope of design services and G2 geotechnical services for the Butler Road Improvements. Staff also recommends approval of a budget amendment to the 2024 local roads fund (account number 203-453-973.000-BUTLERROADXX) in the amount of \$145,000.

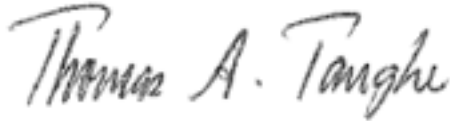
**MOTION**

Move to approve the OHM Advisors scope of design services and G2 geotechnical services for the Butler Road Improvements. Move also to approve a budget amendment to the 2024 local roads fund in the amount of \$145,000.

**EXHIBITS**

Exhibit 1 – OHM Scope of Engineering Services

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive, flowing style.

---

THOMAS A. TANGHE, CITY MANAGER



June 25, 2024

City of Auburn Hills  
1500 Brown Road  
Auburn Hills, MI 48326

Attention: **Mr. Stephen Baldante**  
Director of Public Works

Regarding: **Butler Road Improvements**  
Scope of Engineering Services

Dear Mr. Baldante:

Thank you for this opportunity to provide professional engineering services for the above referenced project. We have prepared the following project understanding and scope of services to be provided by OHM Advisors based on our previous discussions.

## **PROJECT UNDERSTANDING**

The project consists of reconstruction/improvement of Butler Road from North Squirrel Road to the City Limit City to an asphalt paved roadway. The City has desired to improve Butler Road and evaluated options for its paving for the past nearly 25 years. The gravel road surface, lack of drainage, and narrow driving surface have been a maintenance concern for the City DPW over the years. The existing roadway is only approximately 18 feet wide, has steep banks and large trees immediately adjacent to the road edge, and has deficient geometry (vertical profile and cross-section). Crushed asphalt millings and a chip seal was placed on the roadway several years ago to provide a hard driving surface and reduce maintenance needs. While this fix helped for most of the roadway, there are still portions that routinely need attention due to drainage and subsoil conditions.

The work would include significant grading and tree removal in order to construct a new roadway with proper geometry. The planned roadway will consist of two 11-foot lanes with 2.5-foot concrete curb and gutter for a total roadway width of 27 feet. The anticipated cross section will consist of 5 inches of asphalt on 8 inches of aggregate base unless determined differently by the geotechnical engineer. Underground storm sewer will be required for drainage purposes with additional storm water conveyance off the road south across the adjacent property to West Entrance Drive. This off-site storm sewer will require an easement from the property owner. The anticipated construction cost for the project is approximately \$1.75 million.

## **SCOPE OF SERVICES**

### **Task 1 – Project Initiation and Obtain Information**

Under this task, we will initiate the project and obtain necessary information to proceed with the design. Specific work efforts include:

- Organize and attend a kickoff meeting with City staff to review project objectives, prepare design criteria, and establish a specific delivery schedule.
- Review existing utility information and record drawings for the project area.
- Perform a site review to identify elements that are sensitive to project, i.e. driveway locations and other access issues, utility facilities in the area, geometric deficiencies, landscape/aesthetic features and drainage items.
- Obtain specific topographic survey information for the project. It is anticipated the topographic survey information will be collected from fence line to fence line.





- Notify known utility agencies of the proposed work and verify locations of existing known utilities, including both public and private, within the project limits for conflicts and coordinate relocations if necessary.
- Coordinate with a Geotechnical Engineer to obtain soil borings and pavement cores along the project route.

### **Task 2 – Preliminary Plan Development**

Under this task, we will undertake the preparation of plans and specifications for the project and apply for the necessary permits. Specific work efforts include:

- Prepare typical roadway cross-sections for the project.
- Determine preliminary geometrics for road reconstruction.
- Coordinate with the Geotechnical Engineer and assist in developing pavement cross-sections for the proposed reconstruction.
- Develop road plans in accordance with current AASHTO standards based on comments received from the City on base plans. Plans will be prepared using a scale of 1"=40' (profile scale 1"=4').
- Develop proposed drainage and storm sewer plans in accordance with City standards.
- Prepare technical specifications and method of payment entailing materials, equipment, and labor necessary to perform the work.
- Compute preliminary quantities and prepare a preliminary Engineer's Opinion of Probable Construction Cost.
- Prepare a Maintenance of Traffic (MOT) plan. We anticipate the MOT plan will be developed in coordination with City staff and input from project stakeholders.
- Develop pavement marking and signing plans within the affected influence of the project in accordance with MMUTCD requirements.
- Evaluate grading and ROW impacts associated with the proposed work and determine construction limits.
- Prepare proposed preliminary schedule for work including the construction start, substantial completion, and final completion dates.
- Prepare documents to obtain Oakland County Water Resources Commission (OCWRC) soil erosion permit and City of Rochester Hills work in right of way permit.
- Arrange and attend a meeting with City staff to review the preliminary plans and specifications.

### **Task 3 – Final Design and Contract Documents**

Based on comments received on the preliminary plans, final construction documents will be created and advertised for bidding. Specific work efforts include:

- Finalize design plans based on comments obtained.
- Complete construction details.
- Finalize detailed grading.
- Finalize grading easement limits and locations (if required), and prepare up to four grading easements.
- Prepare a bid sheet entailing all items of work and associated quantities.
- Prepare a final engineer's opinion of probable cost.
- Prepare and place an advertisement for bid. It is anticipated that the job will be advertised for at least three (3) weeks through BidNet, MITA & CAM.
- Finalize the schedule for proposed work, including construction start, substantial completion, and final completion dates.
- Produce two (2) copies of contract documents for the DPW, if requested.
- Attend and plan one (1) meeting with the City to review contract documents prior to distribution for bid, if requested.
- Attend the bid opening.
- Prepare and evaluate a project bid tab. The bid tab shall include bidding contractors' total project bid and unit price breakdown.
- Check references for the three lowest bidding contractors.
- Provide a recommendation of award.



- OHM will assist in executing the Contract books including the following
  - i. Create and mail out a Notice of Award letter to the awarded Contractor.
  - ii. Coordinate the execution of six (6) copies of contract book.
  - iii. Produce two (2) executed copies of contract documents for the City. One copy will be delivered to the City Clerk and one copy will be delivered to the DPW.
- If the City Council does not award the contract, then OHM will communicate that information to the appropriate Contractors.

## SCHEDULE

The project will commence upon authorization to proceed. It is our understanding that the City desires the project to be construction to begin in winter 2024. It is anticipated that the field work for the design would take place in summer, with design, permitting and bidding following. We anticipate that the project could be bid for a presentation to City Council in fall of 2024. If the project is approved, construction could commence in late 2024 or early 2025, weather permitting. This schedule is based upon an authorization to proceed given by July 15, 2024.

## COMPENSATION

The services outlined above will be performed on an hourly basis for the not-to-exceed amount of one hundred thirty-five thousand dollars (\$135,000.00). This amount is based on the assumptions listed below. The City will be invoiced for services on a monthly basis. The estimated budget breakdown is as follows:

Project Initiation	\$ 35,000
Preliminary Plan Development	\$ 60,000
Final Design & Contract Documents	<u>\$ 40,000</u>
Total	\$135,000
Geotechnical Services Estimate (G2)	\$ 10,000

## FURTHER CLARIFICATIONS AND ASSUMPTIONS

The above-listed scope of services was prepared with the following assumptions.

- The City will be responsible for all permit application fees and permit fees.
- Geotechnical Services will be provided by G2 under a separate contract and are not included in this scope of services. The estimated amount for this service is indicated above.
- No permanent right-of-way is anticipated. City will obtain temporary grading easements, if required.
- OHM will be pleased to provide any additional services for this project on an hourly basis. Services not included in this proposal:
  - a. Construction phase services such as, but not limited to, construction management, construction engineering, construction administration, construction observation and/or construction layout.
  - b. Relocation design services for water main and/or sanitary sewer, if required.
  - c. Wetland delineation and survey, mitigation, and permitting.
  - d. Environmental assessments or reports, drainage studies, or other environmental evaluations associated with potential contaminated soils.
  - e. Traffic signalization design.
  - f. Preparation of plans for landscaping and ornamental features.
  - g. Location of private utilities, other than requesting as-built information from private utility owners.



Should you find this agreement acceptable, please sign the authorization below and return a copy to us for our files. We look forward to providing professional services on this project. If you have any questions, please contact us.

Sincerely,  
**OHM Advisors**

Timothy J. Juidici, P.E.  
Principal-in-Charge

cc: Jason Hefner, Manager of Roads & Fleet  
Alex Parent, OHM  
File

**City of Auburn Hills  
Butler Road Improvements**

Accepted By: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



# CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: AUGUST 12, 2024

AGENDA ITEM NO 9E

COMMUNITY DEVELOPMENT

**To:** Mayor and City Council  
**From:** Thomas A. Tanghe, City Manager; Steven J. Cohen, AICP, Director of Community Development  
**Submitted:** August 2, 2024  
**Subject:** Motion – To accept the First Reading of an Ordinance to amend Section 70-361. - Parking offenses; fines, of Article VII – Stopping, Standing, and Parking of Chapter 70- Traffic and Vehicles, of the Auburn Hills City Code and Set for Public Hearing and Second Reading / Adoption at the Meeting of August 26, 2024

## INTRODUCTION

Based on the recommendations of the February 2024 [Downtown Parking Study](#) conducted February by Rich & Associates Parking Consultants, the enclosed amendment to the Auburn Hills City Code was drafted to accomplish the following items listed below:



Parking Study

Final Report

February 2024

Recommendation Type	#	Recommendation	Time Frame
Enforcement	1	Implement and enforce two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm	6 - 12 Months
Enforcement	2	Enact an anti-shuffling ordinance so that someone cannot simply move their vehicle to a different on-street space to start a new two-hour session. Limit the on-street to two-hours per day in on-street spaces within the downtown	12 - 18 Months

*Excerpt from Rich & Associates Downtown Parking Study recommended action list*

To address the action list Items #1 and 2 above, the updated ordinance will read as follows:

*(26) Parking a vehicle in an on-street parking space shall be prohibited for a period longer than two hours between the hours of 8:00 a.m. and 6:00 p.m. along the street locations listed below:*

*a. Auburn Road between Churchill Road and Oakmont Street.*

*b. North Squirrel Road between Auburn Road and Parkways Boulevard.*

*To regulate and prohibit the practice of shuffling cars from one on-street parking space to the next (i.e., changing a vehicle's parked position from one time-limited space to another time-limited space), which shall be deemed to be one continuous period as designated by related signs.*

**INTRODUCTION (cont.)**

The updated ordinance also adds the traffic restrictions adopted by the City Council on March 21, 2022, via Traffic Control Order NP-04, which prohibits on-street parking in certain areas of the Downtown between 3:00 a.m. and 6:00 a.m., which shall read as follows:

- (27) *Parking a vehicle in an on-street parking space shall be prohibited between 3:00 a.m. and 6:00 a.m. along the street locations listed below:*
- a. *Auburn Road between Churchill Road and Oakmont Street.*
  - b. *North Squirrel Road between Auburn Road and Parkways Boulevard.*

Lastly, the updated ordinance includes the traffic restrictions adopted by the City Council on December 5, 2022, via Traffic Control Order NP-05, which prohibits on-street parking in the three spaces on Parkways Boulevard between North Squirrel Road and Auburn Road except for loading/unloading only, which shall read as follows:

- (28) *Parking a vehicle in an on-street parking space shall be prohibited, except for loading/unloading only, in the spaces on Parkways Boulevard between North Squirrel Road and Auburn Road.*



*Map showing the proposed restricted on-street parking areas (yellow) in the core of Downtown Auburn Hills*

**STAFF RECOMMENDATION**

Staff recommends that the City Council accept the First Reading of the proposed ordinance and schedule the public hearing for adoption.

**MOTION**

**Move to accept the First Reading of an Ordinance to amend Section 70-361. - Parking offenses; fines, of Article VII – Stopping, Standing, and Parking of Chapter 70- Traffic and Vehicles, of the Auburn Hills City Code and Set for Public Hearing and Second Reading / Adoption at the Meeting of August 26, 2024.**

I CONCUR:

*Thomas A. Tanghe*

THOMAS A. TANGHE, CITY MANAGER



## **CITY OF AUBURN HILLS**

### **ORDINANCE NO. 24-941**

AN ORDINANCE TO AMEND SECTION 70-361. - PARKING OFFENSES; FINES, OF ARTICLE VII. - STOPPING, STANDING, AND PARKING OF CHAPTER 70 - TRAFFIC AND VEHICLES OF THE AUBURN HILLS CITY CODE, AS AMENDED, TO ALLOW THE RESTRICTION AND REGULATION OF ON-STREET PARKING IN DOWNTOWN AUBURN HILLS.

#### **THE CITY OF AUBURN HILLS ORDAINS:**

##### **SECTION 1.**

Section 70-361. - Parking offenses; fines, of Article VII – Stopping, Standing, and Parking of Chapter 70- Traffic and Vehicles, of the Auburn Hills City Code, as amended, is hereby amended to add Subsections 26-28 and to read as follows:

- (26) Parking a vehicle in an on-street parking space shall be prohibited for a period longer than two hours between the hours of 8:00 a.m. and 6:00 p.m. along the street locations listed below:
  - a. Auburn Road between Churchill Road and Oakmont Street.
  - b. North Squirrel Road between Auburn Road and Parkways Boulevard.To regulate and prohibit the practice of shuffling cars from one on-street parking space to the next (i.e., changing a vehicle's parked position from one time-limited space to another time-limited space), which shall be deemed to be one continuous period as designated by related signs.
- (27) Parking a vehicle in an on-street parking space shall be prohibited between 3:00 a.m. and 6:00 a.m. along the street locations listed below:
  - a. Auburn Road between Churchill Road and Oakmont Street.
  - b. North Squirrel Road between Auburn Road and Parkways Boulevard.
- (28) Parking a vehicle in an on-street parking space shall be prohibited, except for loading/unloading only, in the spaces on Parkways Boulevard between North Squirrel Road and Auburn Road.

##### **SECTION 2. Repealer.**

All ordinances, or parts of ordinances, in conflict with this ordinance are repealed only to the extent necessary to give this ordinance full force and effect

**SECTION 3. Severability.**

If any section, clause or provision of this Ordinance shall be declared to be unconstitutional, void, illegal or ineffective by any Court of competent jurisdiction, such section, clause or provision declared to be unconstitutional, void or illegal shall thereby cease to be a part of this Ordinance, but the remainder of this Ordinance shall stand and be in full force and effect.

**SECTION 4. Savings.**

All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law when they were commenced.

**SECTION 5. Effective Date.**

The provisions of this Ordinance are hereby ordered to take effect upon publication in the manner prescribed by the Charter of the City of Auburn Hills.

**SECTION 6. Adoption.**

This Ordinance is hereby declared to have been adopted by the City Council of the City of Auburn Hills at a meeting thereof duly called and held on the \_\_\_\_ day of \_\_\_\_\_, 2024, and ordered to be given publication in the manner prescribed by the Charter of the City of Auburn Hills.

AYES:

NAYES:

ABSTENTIONS:

STATE OF MICHIGAN    )  
  ) ss.  
COUNTY OF OAKLAND )

I, the undersigned, the duly qualified Clerk of the City of Auburn Hills, Oakland County, Michigan, do hereby certify that the foregoing is a true and complete copy of Ordinance No. 24-941 adopted by the Auburn Hills City Council on the \_\_\_\_ day of \_\_\_\_\_, 2024, the original of which is in my office.

\_\_\_\_\_  
LAURA PIERCE  
City Clerk

---

**Marked-Up Version**

Key  
~~Remove~~ / **New**

**Sec. 70-361. Parking offenses; fines.**

- (a) The following shall be deemed to be parking offenses in violation of this division, and the fine for each violation shall be in accordance with the schedule of fines adopted by the city annually:
- (1) Parking in an area in violation of a no parking sign or street marking as authorized by the county road commission concerning county roads, by the state highway department concerning state highways, or by the city concerning public and private roads, drives or parking lots.
  - (2) Parking within 15 feet of a fire hydrant.
  - (3) Parking in a marked fire lane.
  - (4) Parking within 25 feet of a corner.
  - (5) Parking within five feet of a driveway or alley.
  - (6) Parking upon or partially upon a sidewalk or crosswalk.
  - (7) Parking within ten feet of the center of a street.
  - (8) Parking a vehicle for longer than permitted.
  - (9) Parking a vehicle more than one foot from a curb or curblane.
  - (10) Parking a vehicle in violation of any other parking provisions of any ordinance of the city.
  - (11) Parking a vehicle within 30 feet upon the approach to any flashing beacon, stop sign, or traffic control signal located at the side of a highway, road or street.
  - (12) The following shall be deemed to be a parking offense in violation of this article and the fine for each violation shall be as follows:
    - a. Parking in an area in violation of a no standing, stopping, and parking, tow away zone sign or street marking as authorized by the county road commission concerning county roads, by the state highway department concerning state highways, or by the city, concerning public and private roads, drives or parking lots.
    - b. The fine for each violation shall be in accordance with the schedule of fines adopted by the city annually.
  - (13) Parking a vehicle within 50 feet of the nearest rail of a railroad crossing.
  - (14) Parking a vehicle within 20 feet of the driveway entrance to any fire station.
  - (15) Parking a vehicle alongside or opposite any street excavation or obstruction when such stopping, standing or parking would obstruct traffic.
  - (16) Parking a vehicle on the highway side of any vehicle stopped or parking at the edge or curb of a street.
  - (17) Within an intersection.
  - (18) Within 500 feet of an accident where police officers are in attendance when the scene of the accident lies outside of any city or village; provided, however, that motor buses, for the purpose of taking on or discharging passengers, may be stopped at the places designated in subsections (2), (5) and (7) of this subsection, or on the highway side of a vehicle illegally parked in a legally designated bus zone.

- 
- (19) In front of any theatre.
  - (20) Parking unauthorized vehicle in a handicapped lot of Oakland Community College.
  - (21) Parking in the handicapped permit area of Oakland Community College without a permit.
  - (22) Stopped or standing in a marked fire lane.
  - (23) Parking in a marked handicapped space.
  - (24) If a vehicle is illegally parked in any permit area of any Auburn Hills parking lot or parking structure without a valid parking permit, the police department may issue a citation to the registered owner of the vehicle. The police department may call a towing agency and impound the vehicle. If the vehicle is impounded, the police department must follow the procedures set forth in MCL 257.252d.
  - (25) Parking a vehicle in city parks or recreational grounds of the city civic center from 5:00 p.m. or dusk, whichever is later, until 7:00 a.m.: except for the parking of city vehicles or the city authorized parking of vehicles of persons participating in and/or viewing a city sponsored activity and/or function in a city park or the recreational grounds of the city civic center.

**(26) *Parking a vehicle in an on-street parking space shall be prohibited for a period longer than two hours between the hours of 8:00 a.m. and 6:00 p.m. along the street locations listed below:***

***a. Auburn Road between Churchill Road and Oakmont Street.***

***b. North Squirrel Road between Auburn Road and Parkways Boulevard.***

***To regulate and prohibit the practice of shuffling cars from one on-street parking space to the next (i.e., changing a vehicle's parked position from one time-limited space to another time-limited space), which shall be deemed to be one continuous period as designated by related signs.***

**(27) *Parking a vehicle in an on-street parking space shall be prohibited between 3:00 a.m. and 6:00 a.m. along the street locations listed below:***

***a. Auburn Road between Churchill Road and Oakmont Street.***

***b. North Squirrel Road between Auburn Road and Parkways Boulevard.***

**(28) *Parking a vehicle in an on-street parking space shall be prohibited, except for loading/unloading only, in the spaces on Parkways Boulevard between North Squirrel Road and Auburn Road.***

The fines of this subsection shall be doubled concerning any violator who fails to appear within ten days of the date of the violation. In cases where the defendant has been found guilty by a court of law, the court may assess, in addition to the fines provided in this subsection, costs and judgement fees as provided by law.

- (b) Except as provided in section 70-351, the provisions of this division shall control the parking of vehicles on public highways, streets, roads and parking areas and drives and also on private parking lots, private drives, and private roads which are open to the public and for the use of patrons of any businesses, apartments, stores, offices, and clinics, providing that the owner or owners of the private parking lots, private roads or private drives consent to the enforcement of parking ordinances of the city concerning parking violations occurring within the lot, roads or drives. It shall not be necessary for the owners of non-residentially zoned private properties containing a vacant building and/or vacant buildings to consent to the enforcement of section 70-351 for violations of section 70-351 occurring on any non-residentially zoned private properties containing a vacant building and/or vacant buildings including but not limited to private parking lots located thereon and the city and its officers are authorized to enforce section 70-351 at said locations without the owners' consent. The penalties for violations of section 70-351 shall be as set forth in subsection 70-351(b) and not the penalties set forth in this division.

- 
- (c) In any proceeding for a violation of this division, proof that the particular vehicle described in the complaint was parked in violation of any such provision or regulation, together with proof that the defendant named in the complaint was at the time of such offense the registered owner of such vehicle, shall constitute in evidence a presumption that the registered owner of such vehicle was the person who parked or placed such vehicle at the point where and for the time during which such violation occurred.

(Ord. No. 149, § 1, 2-9-72; Ord. No. 725, § 2, 10-6-03; Ord. No. 16-875, 3-9-16; Ord. No. 22-928, § 1, 6-6-22)



Recommendation Type	#	Recommendation	Time Frame
Enforcement	1	Implement and enforce two-hour time limit for on-street parking between the hours of 8:00 am and 6:00 pm	6 - 12 Months
Enforcement	2	Enact an anti-shuffling ordinance so that someone cannot simply move their vehicle to a different on-street space to start a new two-hour session. Limit the on-street to two-hours per day in on-street spaces within the downtown	12 - 18 Months
Enforcement	3	Implement a program of, at a minimum, random parking enforcement varying the days of the week and the times of day that the enforcement be conducted. Each enforcement shift should be for a minimum of four hours so that vehicles can be initially recorded and monitored a second time for violation of the two-hour (and other violations) limit.  a. Consider the use of volunteers to perform the enforcement function to supplement the current program of police officers.	12 - 24 Months  12-24 Months
Enforcement	4	The current fine for parking violations as adopted by 52-3 District Court is \$75.00. The City's fine is \$30.00. Rich would recommend monitoring enforcement to determine if the \$30.00 is not sufficiently high enough to deter habitual offenders. If so, increase in stages up to 52-3 District Court level.	Immediate
Enforcement	5	Require that anyone parking overnight in the current and expanded parking garage have a permit	6 - 12 Months
Enforcement	6	Use the current availability through the Secretary of State's office to hold vehicle registrations for vehicles that have three or more unpaid parking citations.	12 - 24 Months
Zoning Ordinance Changes	7	The provision of parking spaces is not required in Downtown Auburn Hills. At a minimum, adjust the ordinance that developers of multi-unit residential properties provide parking at the following levels:	18 - 24 Months
		a. Studio and One bedroom – 1 parking space per dwelling unit	
		b. Two Bedroom Units – 1.5 spaces per dwelling unit	
		c. Three or more Bedroom Units – 2 spaces per dwelling unit	
	7A	Do not require parking for other developments - too many inefficient small lots	
Marketing / Operations	8	Through the DDA, encourage employees of downtown businesses to park in the more remote public off-street lots to save the most convenient spaces for downtown visitors and customers	Immediate
Marketing / Operations	9	Clearly identify the public off-street lots with signage. The signs should indicate a name of the lot (not a letter or number) and the permitted hours of operation. Overnight parking in public lots should not be allowed without a city-issued permit that limits the duration (3-days).	6 -12 Months
Marketing / Operations	10	The first floor or at least a portion of the first floor of the garage should be dedicated for customer / visitor use during the daytime hours (8:00 am – 8:00 pm). Currently, much of the floor is designated for AHH, LLC or Hyde Associates, LLC parking. Resident parking should be on the upper levels so that visitors are not driving past multiple empty spaces reserved for residential use to reach an available visitor space or to find out that all visitor parking is filled. Signs should indicate that visitor parking above the first level is allowed during the daytime hours (8:00 am – 8:00 pm) without a permit but that after a designated hour, residential parking permits are required	12- 24 Months



# CITY OF AUBURN HILLS

## REGULAR CITY COUNCIL MEETING

Excerpt

MARCH 21, 2022

**CALL TO ORDER:** Mayor McDaniel at 7:00 PM

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

Present: Mayor McDaniel, Council Members Carrier, Hawkins, Knight, and Marzolf

Absent: Council Members Kittle and Verbeke

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Beckerleg, City Clerk Pierce, Police Chief Gagnon, Deputy Police Chief McGraw, Assistant Fire Chief Robinson, Recreation Director Hegdal, Parks Supervisor Torres, Recreation Coordinator Kniffen, Recreation Specialist Nama, Finance Director/Treasurer Schulz, DPW Director Baldante, Mgr of Roads and Fleet Hefner, Management Assistant Hagge, City Engineer Cousino

45 Guests

9c. Motion – To approve amendments to Traffic Control Order NP-04, no parking downtown from 3:00 am to 6:00 am.

Chief Gagnon spoke regarding Traffic Control Order NP-04 and the concerns regarding no parking downtown from 3:00 AM – 6:00 AM. There would be a 30-day period of education to ease the transition into the new order.

Mr. Mark Wayne of 3300 Auburn Rd acknowledged the problem and would like to work the City to help fix the problem. They have sent multiple emails to the residents of Designhaus and the Jordans asking them not to park on the street.

Mr. Nick Browe, owner of Browe Skin and Brow Bar shared that he has seen over 1000 customers since December 28, 2021.

It was discussed that a clause be added to the lease agreement designating where the employees are able to park and prohibit them from parking in the public spaces in the front of the building.

**Moved by Carrier, Seconded by Knight.**

**RESOLVED:** To adopt the updates to Traffic Control Order NP-04, prohibiting parking from 3:00 am to 6:00 am, on Auburn Road (between Churchill Rd. and Oakmont Rd.), on North Squirrel Road (between Auburn Rd. and Parkways Blvd.), and on Parkways Boulevard (between North Squirrel Rd. and Auburn Rd.). (Attachment D)

**VOTE: Yes:** Carrier, Hawkins, Knight, Marzolf, McDaniel

**No:** None

**Resolution No. 22.03.49**

**Motion Carried (5 -0)**



**CITY OF AUBURN HILLS**  
**REGULAR CITY COUNCIL MEETING**  
**Excerpt**

DECEMBER 5, 2022

**CALL TO ORDER:** Mayor McDaniel at 7:00 PM.

**LOCATION:** Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI

Present: Mayor McDaniel, Council Members Carrier, Hawkins, Knight, Marzolf, Verbeke

Absent: Council Member Cionka

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Beckerleg, City Clerk Pierce, Police Chief Gagnon, Fire Chief Massingill, Community Development Director Cohen, Senior Services Director Adcock, Senior Services Program Coordinator Monroy, Recreation Director Hegdal, Recreation Coordinator Boyd, Finance Director Schulz, Accountant Winter, DPW Director Baldante, Mgr of Public Utilities Deman, Management Assistant Hagge, Engineer Cousino

16 Guests

9c. Motion – To approve Traffic Control Order NP-05.

Chief Gagnon presented Traffic Control Order NP-05 prohibiting parking in the three spaces on Parkways Boulevard that were originally designed as a drop-off zone only. Chief Gagnon stated that on October 3, 2022 he signed a temporary Traffic Control Order and this order has to be approved by City Council within 90 days.

**Moved by Marzolf, Seconded by Verbeke.**

**RESOLVED:** To adopt the updates to Traffic Control Order NP-05, prohibiting parking in the three spaces on Parkways Boulevard from Squirrel Road to Auburn Road except for loading/unloading only. (Attachment G)

**VOTE: Yes:** Carrier, Hawkins, Knight, Marzolf, McDaniel, Verbeke

**No:** None

**Resolution No. 22.12.188**

**Motion Carried (6 - 0)**

**From:** [Comcast Heartland](#)  
**Cc:** [Woody, Eric](#)  
**Subject:** (EXTERNAL)Comcast Programming Advisory  
**Date:** Tuesday, July 30, 2024 11:25:24 AM

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You don't often get email from comcast\_heartland@comcast.com. [Learn why this is important](#)

Good morning,

As part of our ongoing commitment to keep you and our customers informed about changes to Xfinity TV services, we wanted to update you that Comcast has just completed negotiations on a new contract that allows us to restore content from Bally Sports, but requires it be relocated from the Digital Starter (Popular TV) service tier to the Digital Preferred (Ultimate TV) service tier effective August 1, 2024. We have also notified customers of this change.

Eric Woody  
Manager, External Affairs  
Comcast, Heartland Region  
41112 Concept Dr.  
Plymouth, MI 48170

**DIRECTV**

WE, JUL 24 '24 PM12:30

Via e-mail delivery

July 17, 2024

Ryan McAnany, Director  
Michigan Public Service Commission  
7109 W. Saginaw Hwy.  
Lansing, Michigan 48917

**Re: DIRECTV, LLC (DIRECTV) Annual Video Report**

DIRECTV, LLC ("DIRECTV") hereby submits its Annual Video Report to the Michigan Public Service Commission and franchising entities under Michigan's Uniform Video Services Local Franchise Act (2006 Public Act 480, as amended, or "Video Act"). A copy of the report is being provided to the Clerk in each of the Michigan communities where DIRECTV has a local franchise agreement for U-verse video service. These are the same communities previously served by Michigan Bell Telephone Company ("AT&T Michigan").

We respectfully request the Commission to accept this report. Questions regarding this report can be directed to me as follows:

DIRECTV  
Legal/External Affairs  
2260 E. Imperial Hwy.  
El Segundo, CA 90245  
e-mail: [scott.alexander@directv.com](mailto:scott.alexander@directv.com)  
telephone: (214) 202-3185

Sincerely,



Scott J. Alexander  
Senior Director – External Affairs

Enclosure





July 17, 2024

**DIRECTV, LLC Annual Video Report for U-verse Video Service in Michigan**

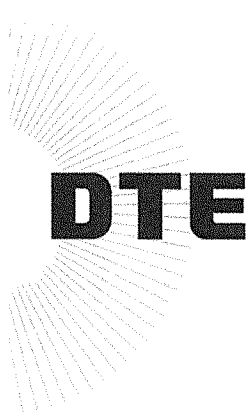
DIRECTV, LLC ("DIRECTV") submits this Annual Video Report to the Michigan Public Service Commission ("MPSC" or "Commission") and franchising entities in the State of Michigan as required by Michigan's Uniform Video Services Local Franchise Act (2006 Public Act 480, as amended or "Video Act").

On or about August 11, 2021, the municipalities served by Michigan Bell Telephone Company ("AT&T Michigan") were notified that their Uniform Video Local Franchise Agreement ("Agreement") was transferred to DIRECTV and that AT&T retains a majority economic interest in DIRECTV, with TPG Capital holding a minority economic interest. DIRECTV is a separate, affiliate company and operates independently of AT&T.

DIRECTV will continue to meet the terms of those Agreements and of the Video Act, as it relates to the continued provision of the U-verse IP-enabled video service. As required under Sec. 9 (1) of the Video Act, DIRECTV does not deny access to service to any group of potential residential subscribers because of the race or income of the residents in the local area in which the group resides.

U-verse TV includes:

- Access to live video programming and on-demand and interactive content
- Ability to access more than 240 HD channels
- Ability to record up to 4 shows at once with Total Home DVR
- Ability to view programs via a subscriber's smartphone or tablet
- Public, Educational, and Government (PEG) channels for communities who are providing or request to provide PEG programming
- Customer service via call centers and 24/7 online
- Online customer service and technical support is available at <https://www.att.com/support/topic/u-verse-tv/>



July 26, 2024

CITY CLERK  
CITY OF AUBURN HILLS  
1827 N.SQUIRREL ROAD  
AUBURN HILLS, MI 48326

MD, JUL 29 '24 PM 12:15

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION REVISED  
NOTICE OF HEARING  
FOR THE ELECTRIC CUSTOMERS OF  
DTE ELECTRIC COMPANY  
CASE NO. U-21658**

- DTE Electric Company requests Michigan Public Service Commission’s approval for reconciliation of its 2023 Demand Response program costs.
- The information below describes how a person may participate in this case.
- You may call or write DTE Electric Company, One Energy Plaza, Detroit, MI 48226, (800) 477-4747, for a free copy of its application. Any person may review the documents at the offices of DTE Electric Company or on the Commission’s website at: [michigan.gov/mpscdockets](https://michigan.gov/mpscdockets).
- A pre-hearing will be held:

**DATE/TIME:**      **Thursday, August 22, 2024 at 9:00 AM**  
**BEFORE:**        **Administrative Law Judge James M. Varchetti**  
**LOCATION:**       **Video/Teleconference**

**PARTICIPATION:**      Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8096, or by email at [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov) in advance of the hearing.

The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider DTE Electric Company’s (DTE Electric) June 28, 2024 application requesting the Commission to : 1) approve DTE Electric’s 2023 Demand Response (DR) reconciliation capital expenditures at \$702,199 lower than \$7,348,583 amount authorized by the Commission, and Operation & Maintenance expenses at \$501,488 lower than the \$2,896,528 amount authorized by the Commission; 2) approve that the resulting revenue requirement difference of \$1,729,906 for the year 2023 be booked as a regulatory liability that shall be included in DTE Electric’s next general rate case; 3) approve DTE Electric’s proposal for recovery of the financial incentive mechanism in the amount of \$544,823 for 2023; 4) approve any other recommendations and proposals as requested by DTE Electric; and 5) grant DTE Electric further and additional relief and authority as the Commission may deem necessary, suitable, and appropriate.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](https://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by August 15, 2024. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon DTE Electric Company's attorney, John A. Janiszewski, One Energy Plaza, Detroit, MI 48226.

The prehearing is scheduled to be held remotely by video conference or teleconference. Persons filing a petition to intervene will be advised of the process to participate in the hearing.

Any person wishing to participate without intervention under Mich Admin Code, R 792.10413 (Rule 413), or file a public comment, may do so by filing a written statement in this docket. The written statement may be mailed or emailed and should reference Case No. **U-21658**. Statements may be emailed to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; and Parts 1 & 4 of the Michigan Office of Administrative Hearings and Rules, Mich. Admin Code, R 792.10106 and R 792.10401 through R 792.10448.

U-21658



July 26, 2024

CITY CLERK  
CITY OF AUBURN HILLS  
1827 N.SQUIRREL ROAD  
AUBURN HILLS, MI 48326

NO. JUL 29 '24 PM 12:15

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION NOTICE  
OF HEARING  
FOR THE ELECTRIC & GAS CUSTOMERS OF  
DTE ENERGY COMPANY  
CASE NO. U-21558**

- DTE Electric Company & DTE Gas Company requests Michigan Public Service Commission’s approval for the Reconciliation of DTE’s Energy Waste Reduction Plan Expenses for the Plan Year 2023.
- The information below describes how a person may participate in this case.
- You may call or write DTE Energy Company, One Energy Plaza, Detroit, MI 48226, 800-477-4747 for a free copy of its application. Any person may review the documents at the offices of DTE Electric & DTE Gas Company or on the Commission’s website at: [michigan.gov/mpscedockets](https://michigan.gov/mpscedockets).
- A pre-hearing will be held:

**DATE/TIME:**      **Tuesday, August 13, 2024 at 9:00 AM**  
**BEFORE:**        **Administrative Law Judge James M. Varchetti**  
**LOCATION:**       **Video/Teleconference**

**PARTICIPATION:**    Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8096, or by email at [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov) in advance of the hearing.

The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider DTE Electric Company & DTE Gas Company’s (DTE) June 27, 2024 application requesting the Commission to Determine that DTE’s reconciliations for its 2023 EWR plan year are reasonable, and that they meet all relevant requirements of Act 295 as amended by Act 342; 2) approve DTE’s reconciliations for the 2023 EWR plan year, the performance incentives, and the associated proposed tariffs; 3) approve the necessary accounting authority as proposed by DTE; and 4) grant DTE other and further relief as is just and reasonable.

All documents filed in this case shall be submitted electronically through the Commission’s E-Dockets website at: [michigan.gov/mpscedockets](https://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by August 6, 2024. (Interested persons may elect to

file using the traditional paper format.) The proof of service shall indicate service upon DTE Energy Company's attorney, Breanne K. Reitzel, One Energy Plaza, Detroit, MI 48226.

The prehearing is scheduled to be held remotely by video conference or teleconference. Persons filing a petition to intervene will be advised of the process to participate in the hearing.

Any person wishing to participate without intervention under Mich Admin Code, R 792.10413 (Rule 413), or file a public comment, may do so by filing a written statement in this docket. The written statement may be mailed or emailed and should reference Case No. **U-21558**. Statements may be emailed to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

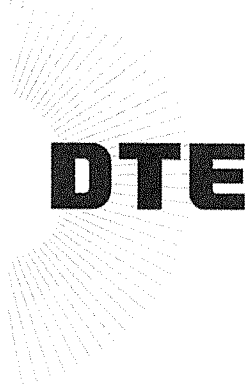
Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1909 PA 300, as amended, MCL 462.2 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 2008 PA 295, as amended, MCL 460.1001 et seq., and Parts 1 & 4 of the Michigan Office of Administrative Hearings and Rules, Mich. Admin Code, R 792.10106 and R 792.10401 through R 792.10448.

U-21558





July 26, 2024

CITY CLERK  
CITY OF AUBURN HILLS  
1827 N.SQUIRREL ROAD  
AUBURN HILLS, MI 48326

NO. JUL 29 '24 PM12:15

**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION NOTICE  
OF HEARING  
FOR THE ELECTRIC CUSTOMERS OF  
DTE ELECTRIC COMPANY  
CASE NO. U-21550**

- DTE Electric Company requests Michigan Public Service Commission’s approval to commence a renewable energy cost reconciliation proceeding for the 12-month period ended December 31, 2023.
- The information below describes how a person may participate in this case.
- You may call or write DTE Electric Company, 1 Energy Plaza, Detroit, MI 48226, (800) 477-4747, for a free copy of its application. Any person may review the documents at the offices of DTE Electric Company or on the Commission’s website at: [michigan.gov/mpscedockets](https://michigan.gov/mpscedockets).
- A pre-hearing will be held:

**DATE/TIME:** Tuesday, August 13, 2024 at 9:30 AM

**BEFORE:** Administrative Law Judge Christopher S. Saunders

**LOCATION:** Video/Teleconference

**PARTICIPATION:** Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8096, or by email at [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov) in advance of the hearing.

The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider DTE Electric Company’s (DTE Electric) June 27, 2024 application requesting the Commission to: 1) determine that DTE Electric’s 2023 Renewable Cost Reconciliation and DTE Electric’s 2008 PA 295 revenues collected and costs incurred in 2023 are reasonable and meet all relevant requirements under 2008 PA 295, as amended by 2016 PA 342; 2) consistent with MCL 460.1049, reconcile the pertinent revenues recorded and the allowance for the nonvolumetric Revenue Recovery Mechanism with the amounts actually expensed and projected according to DTE Electric’s proposed Amended Renewable Energy Plan, including: (a) determining that DTE Electric is in compliance with the Renewable Energy Standards of 2008 PA 295, as amended by 2016 PA 342 (b) ensuring that the retail rate impacts under DTE Electric’s Renewable Cost Reconciliation Revenue Recovery Mechanism do not exceed the maximum retail rate impacts specified under Section 45 of 2008 PA 295, as amended by 2016 PA 342 (MCL 460.1045); (c) ensuring that DTE Electric’s Revenue Recovery Mechanism is projected to maintain a minimum balance of accumulated reserve so that a regulatory asset does not accrue; (d) maintaining DTE Electric’s existing Revenue Recovery Mechanism and approved surcharge amounts to ensure DTE Electric’s recovery of its Incremental Cost of Compliance with the Renewable Energy Standards; (e) approve the prices per MWh for renewable energy capacity and advanced cleaner energy capacity and for renewable energy and advanced cleaner energy to be recovered through DTE Electric’s PSCR clause under MCL 460.6j; (f) determine that it is not necessary or appropriate at

this time to adjust DTE Electric's minimum balance of accumulated reserve funds; (g) where DTE Electric has recorded a regulatory liability in any given month, approve DTE Electric's proposed treatment of interest on the regulatory liability balance; 3) determine that DTE Electric's actions with respect to its Amended Renewable Energy Plan were and are reasonable and determine that its proposed Renewable Energy Plan surcharges are just, reasonable and should continue; 4) approve DTE Electric's Order maintaining existing rates and charges in the manner described and proposed; 5) grant DTE Electric regulatory authority and approvals as proposed, including but not limited to approval of its request that 222,070 Energy Credits be transferred at zero cost from DTE Electric's inventory of Energy Credits to, and used for compliance with its Amended Renewable Energy Plan, in accordance with DTE Electric's Amended Renewable Energy Plan, MCL 460.1028(5) (former Section MCL 460.1027), and the Commission's Order in Case No. U-16357; and 6) grant DTE Electric such further additional relief, as the Commission may deem suitable and appropriate.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscdockets](https://michigan.gov/mpscdockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by August 6, 2024. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon DTE Electric Company's attorney, John A. Janiszewski, One Energy Plaza, Detroit, MI 48226.

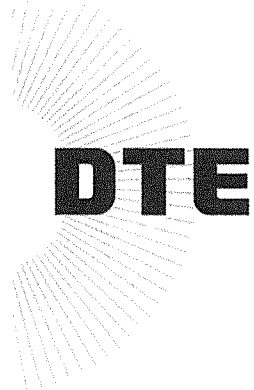
The prehearing is scheduled to be held remotely by video conference or teleconference. Persons filing a petition to intervene will be advised of the process to participate in the hearing.

Any person wishing to participate without intervention under Mich Admin Code, R 792.10413 (Rule 413), or file a public comment, may do so by filing a written statement in this docket. The written statement may be mailed or emailed and should reference Case No. **U-21550**. Statements may be emailed to: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov). Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 1982 PA 304, as amended, MCL 460.6j et seq.; 2008 PA 295, MCL 460.1001 et seq.; and Parts 1 & 4 of the Michigan Office of Administrative Hearings and Rules, Mich. Admin Code, R 792.10106 and R 792.10401 through R 792.10448.



July 26, 2024

CITY CLERK  
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**STATE OF MICHIGAN  
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION REVISED  
NOTICE OF HEARING  
FOR THE ELECTRIC CUSTOMERS OF  
DTE ELECTRIC COMPANY  
CASE NO. U-21658**

- DTE Electric Company requests Michigan Public Service Commission’s approval for reconciliation of its 2023 Demand Response program costs.
- The information below describes how a person may participate in this case.
- You may call or write DTE Electric Company, One Energy Plaza, Detroit, MI 48226, (800) 477-4747, for a free copy of its application. Any person may review the documents at the offices of DTE Electric Company or on the Commission’s website at: [michigan.gov/mpscdockets](https://michigan.gov/mpscdockets).
- A pre-hearing will be held:

**DATE/TIME:**      **Thursday, August 22, 2024 at 9:00 AM**  
**BEFORE:**        **Administrative Law Judge James M. Varchetti**  
**LOCATION:**       **Video/Teleconference**

**PARTICIPATION:**      Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8096, or by email at [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov) in advance of the hearing.

The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider DTE Electric Company’s (DTE Electric) June 28, 2024 application requesting the Commission to : 1) approve DTE Electric’s 2023 Demand Response (DR) reconciliation capital expenditures at \$702,199 lower than \$7,348,583 amount authorized by the Commission, and Operation & Maintenance expenses at \$501,488 lower than the \$2,896,528 amount authorized by the Commission; 2) approve that the resulting revenue requirement difference of \$1,729,906 for the year 2023 be booked as a regulatory liability that shall be included in DTE Electric’s next general rate case; 3) approve DTE Electric’s proposal for recovery of the financial incentive mechanism in the amount of \$544,823 for 2023; 4) approve any other recommendations and proposals as requested by DTE Electric; and 5) grant DTE Electric further and additional relief and authority as the Commission may deem necessary, suitable, and appropriate.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscedockets](https://michigan.gov/mpscedockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by August 15, 2024. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon DTE Electric Company's attorney, John A. Janiszewski, One Energy Plaza, Detroit, MI 48226.

The prehearing is scheduled to be held remotely by video conference or teleconference. Persons filing a petition to intervene will be advised of the process to participate in the hearing.

Any person wishing to participate without intervention under Mich Admin Code, R 792.10413 (Rule 413), or file a public comment, may do so by filing a written statement in this docket. The written statement may be mailed or emailed and should reference Case No. **U-21658**. Statements may be emailed to: [mpscedockets@michigan.gov](mailto:mpscedockets@michigan.gov). Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; and Parts 1 & 4 of the Michigan Office of Administrative Hearings and Rules, Mich. Admin Code, R 792.10106 and R 792.10401 through R 792.10448.

U-21658

## Dozens of Macomb, Oakland County fire departments to receive second pair of turnout gear

State grant to pay for new coat, pants, and boots for full-time firefighters



Lt. Mark Deschner demonstrates how an firefighter's insulated coat is hung from the PVC gear drier at the Roseville Fire Department's headquarters on Common Road. (MITCH HOTTS — THE MACOMB DAILY)

By **Mitch Hotts** | mhotts@medianewsgroup.com | Macomb Daily

UPDATED: July 30, 2024 at 7:46 a.m.

Dozens of fire-rescue agencies in Macomb and Oakland counties will receive thousands of dollars to purchase an extra set of turnout gear, boosting their readiness to serve their communities, officials said Monday.

The Michigan Department of Labor and Economic Opportunity (LEO) said a total of \$15 million in state grants was awarded to 187 fire and safety agencies across Michigan to outfit full-time career firefighters.

The Firefighter Turnout Gear program aims to help fire departments with purchasing an additional set of turnout gear — including coat, pants, and boots — and allows full-time firefighters to be equipped with the latest personal protective gear on the market, officials said in a news release.

"The support from LEO and the additional turnout gear will significantly enhance the safety and operational readiness of our firefighters," said Matthew Sahr, president of the Michigan Professional Firefighters Union, and a former Macomb County firefighter.



Firefighters Julian Gross, left, and Corey Vos load up a fire truck at the White Lake Township Fire Department.(OAKLAND PRESS FILE PHOTO)

State officials said the gear will provide firefighters with a clean set of gear to switch into after a fire, instead of waiting until the end of the shift to properly clean the gear, improving response time.

"This grant will provide essential gear that allows our firefighters to respond more effectively to emergencies, protecting both themselves and the public," LEO Director Susan Corbin said in the release.

The amount of money allocated to 15 Macomb County fire departments include:

- Armada Township — \$38,500
- Bruce-Romeo — \$63,000



- Chesterfield Township — \$62,900
- Clinton Township — \$230,900
- Eastpointe — \$73,500
- Fraser — \$16,460
- Harrison Township — \$87,500
- Macomb Township — \$101,500
- Mount Clemens — \$42,000
- Roseville — \$143,500
- Shelby Township — \$262,500
- St. Clair Shores — \$164,500
- Sterling Heights — \$353,500
- Warren — \$455,000
- Washington Township — \$112,000

Grants awarded to 28 fire-rescue departments in Oakland County include:

- Addison Township — \$31,500
- Auburn Hills — \$87,500
- Birmingham — \$92,684
- Bloomfield Township — \$195,973
- Brandon Township — \$52,500
- Commerce Township — \$108,500
- Comstock — \$45,500
- Farmington Hills — \$199,500
- Ferndale — \$70,000
- Hazel Park — \$70,000
- Highland Township — \$42,000
- Independence Township — \$103,885
- Lyon Township — \$42,000
- Madison Heights — \$83,745
- Milford Township — \$52,500
- North Oakland — \$35,000
- Novi — \$94,500
- Oakland Township — \$34,990
- Orion Township — \$110,550
- Oxford — \$66,500
- Rochester — \$45,500
- Rochester Hills — \$31,500
- Royal Oak — \$181,950
- Southfield — \$181,733
- South Lyon — \$6,900
- Waterford Township — \$335,998
- West Bloomfield — \$266,000
- White Lake Township — \$10,170

## Section of Brown Road in Auburn Hills is closed



A look at backed up traffic on Brown Road in May as work started on the intersection and roadways between the Orion Township GM plant and the FedEx distribution center. (Stephen Frye / MediaNews Group)

By **PEG MCNICHOL** | [pmcnichol@medianewsgroup.com](mailto:pmcnichol@medianewsgroup.com)

UPDATED: July 30, 2024 at 9:57 a.m.

Brown Road is closed between the north and southbound sides of Giddings Road until at least Aug. 20, according to road commission officials.

The road, which borders Auburn Hills and Orion Township, is being rebuilt. An estimated 9,920 vehicles travel this section of Brown Road daily.

The work is part of a 2.8-mile project to reconstruct Brown, Giddings, and Silver Bell roads from Jamm Road to Lapeer Road (M-24), which started on April 16.

The detour during the closure is Brown Road to the north leg of Giddings Road to Silver Bell Road to Lapeer Road (M-24), back to Brown Road and vice versa.

The entire project will be finished by mid-November.

For details, visit <https://www.rcocweb.org/678/Brown-Giddings-and-Silver-Bell-roads>.

Anyone with questions can call the road commission at (877) 858-4804 between 7:30 a.m. and 4:15 p.m. Monday through Friday or email [dcsmail@rcoc.org](mailto:dcsmail@rcoc.org)



The state of Brown Road in Auburn Hills in May. The area is between the FedEx facility and GM's



Orion Township plant. (Stephen Frye / MediaNews Group) The intersection of Brown Road and Giddings Road at the border of Auburn Hills and Orion Township. (Courtesy, Road Commission of Oakland County)