



AUBURN HILLS MEETING SCHEDULE

248-370-9402 | WWW.AUBURNHILLS.ORG

JULY, 2023

DAY	TITLE	TIME	LOCATION
10	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
10	Library Board	7:00 PM	Auburn Hills Public Library 3400 Seyburn Drive
11	Tax Increment Finance Authority	4:00 PM	Council Conference Room 1827 N. Squirrel Road
12	Planning Commission	7:00 PM	CANCELED
13	Zoning Board of Appeals	7:00 PM	CANCELED
17	Downtown Development Authority	5:30 PM	MOVED TO THE 31st
18	Brownfield Redevelopment Authority	6:00 PM	Administrative Conference Room 1827 N. Squirrel Road
18	Board of Review	11:00 AM	Administrative Conference Room 1827 N. Squirrel Road
24	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
31	Downtown Development Authority	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road

NOTE: Anyone planning to attend the meeting who has need of special assistance under the American's 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 please 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

AUGUST, 2023

DAY	TITLE	TIME	LOCATION
7	City Council Workshop	5:30 PM	Administrative Conference Room 1827 N. Squirrel Road
7	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
8	Tax Increment Finance Authority	4:00 PM	Administrative Conference Room 1827 N. Squirrel Road
9	Planning Commission	7:00 PM	Council Chamber 1827 N. Squirrel Road
10	Zoning Board of Appeals	7:00 PM	Council Chamber 1827 N. Squirrel Road
14	Library Board	7:00 PM	Auburn Hills Public Library 3400 Seyburn Drive
15	Brownfield Redevelopment Authority	6:00 PM	Administrative Conference Room 1827 N. Squirrel Road
21	City Council Meeting	7:00 PM	Council Chamber 1827 N. Squirrel Road
22	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 American's 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 please 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, JULY 10, 2023
Regular City Council Meeting ♦ 7:00 PM

Council Chamber, 1827 N. Squirrel Road, Auburn Hills MI
248-370-9402 ♦ www.auburnhills.org

- 1. MEETING CALLED TO ORDER**
- 2. PLEDGE OF ALLEGIANCE**
- 3. ROLL CALL OF COUNCIL**
- 4. APPROVAL OF MINUTES**
 - 4a. City Council Regular Meeting Minutes, June 19, 2023.
- 5. APPOINTMENTS AND PRESENTATIONS**
 - 5a. Motion – To confirm the reappointment of Jeff Walker to the Local Officials Compensation Commission.
- 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. Motion – To Approve a Five-Year Service Agreement with Flock Safety
 - 7b. Motion – To Approve the Purchase of a Replacement Tandem Axle Dump Truck
 - 7c. Motion – To Approve the Purchase of Sixteen Replacement Vehicles
- 8. UNFINISHED BUSINESS**
- 9. NEW BUSINESS**
- 10. COMMENTS AND MOTIONS FROM COUNCIL**
- 11. CITY ATTORNEY REPORT**
- 12. CITY MANAGER REPORT**
- 13. CLOSED SESSION**
 - 13a. Motion – To Approve to Enter Into Closed Session for the Discussion of Pending Litigation - FCA Auburn Hills Owner, LLC v. City of Auburn Hills, Michigan Tax Tribunal Docket No. 23-001782-TT.
 - 13b. Motion - To meet in closed session to discuss possible property acquisition, pursuant to MCL 15.268(1)(d) of the Open Meetings Act.
- 14. ADJOURNMENT**



CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: June 19, 2023

AGENDA ITEM NO 4a.

City Council Meeting



CITY OF AUBURN HILLS REGULAR CITY COUNCIL MEETING

DRAFT

JUNE 19, 2023

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, Cionka, Hawkins, Knight, Marzolf, and Verbeke

Absent: None

Also Present: City Manager Tanghe, Assistant City Manager Skopek, City Attorney Beckerleg, City Clerk Pierce, Deputy Police Chief McGraw, Fire Chief Massingill, Community Development Director Cohen, City Planner Keenan, Construction Coordinator Lang, Recreation and Senior Services Director Adcock, DPW Director Baldante, Manager of Fleet & Roads Hefner, Manager of Public Utilities Deman, Finance Director Schulz, Deputy Treasurer Vittone, Management Assistant Hagge, Engineer Driesenga

22 Guests

4. APPROVAL OF MINUTES

4a. City Council Regular Meeting Minutes, June 5, 2023.

Moved by Verbeke, Seconded by Knight.

RESOLVED: To approve the City Council Regular Meeting Minutes of June 5, 2023.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.063

Motion Carried (7 - 0)

5. APPOINTMENTS AND PRESENTATIONS

5a. 2022 Financial Statements Overview & Audit Report, presented by Michael Rolka, representative of Yeo and Yeo.

Mr. Michael Rolka of Yeo and Yeo presented the overview of the financial statements and their audit reports. The full report can be found in the agenda packet.

Moved by Knight, Seconded by Carrier.

RESOLVED: To receive the 2022 Financial Statements with supplemental information and the governance letter.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.064

Motion Carried (7 - 0)

5b. Motion – To confirm the reappointment of Sam Beidoun and Laura Ochs to the Planning Commission.

Moved by Hawkins, Seconded by Cionka.

RESOLVED: To confirm the reappointments of Sam Beidoun and Laura Ochs to the Planning Commission, each for an additional three-year term ending on July 31, 2026.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.065

Motion Carried (7 - 0)

5c. Introduction of the new Program Coordinators at the Community Center: Rebecca (Becky) Kaszyca, Lindsay Pawlik and Jordan Pitts

Ms. Adcock introduced the Program Coordinators for the Community Center. Ms. Pawlik will oversee the Support Services, Ms. Kaszyca will oversee the Fitness and Nature programs, and Mr. Pitts will oversee the Leagues, Camps, as well as the Teen Council.

6. PUBLIC COMMENT

Ms. Florence Etefia of 3035 Debra Ct. was present.

7. CONSENT AGENDA

7a. Board and Commission Minutes

7a1. Brownfield Redevelopment Authority, May 16, 2023

7a2. Public Safety Advisory Committee, May 23, 2023

7a3. Planning Commission, June 7, 2023

7a4. Tax Increment Finance Authority, June 13, 2023

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

7b. Motion – To receive and file the 2022 Retirement System Annual Report.

RESOLVED: To receive and file the 2022 Retirement System Annual Report.

7c. Motion – To accept InvoiceCloud as the new electronic billing and payment service provider.

RESOLVED: To accept InvoiceCloud as the City's new electronic billing and payment third party service provider and to authorize the City Manager to enter into the Agreement on behalf of the City.

7d. Motion – To amend the Parks Department budget increasing revenue by \$100,000.

RESOLVED: To amend the General Fund department budget of the Parks Department increasing revenues by \$100,000 to reflect grant proceeds for the new nature themed playground at Hawk Woods Park and Campground.

7e. Motion - To approve the resolution supporting the grant application to the MEDC.

RESOLVED: To approve the resolution supporting the grant application to the Michigan Economic Development Corporation's Revitalization and Placemaking 2.0 Grant Program. (Attachment A)

7f. Motion – To approve modifications to wayfinding signs at Oakland University.

RESOLVED: To approve of the modifications to existing wayfinding signs for Oakland University's OU Credit Union O'rena and to collect a fee of \$1,360.94 from Oakland University for project costs.

7g. Motion – To approve the 2023 Parking Lot Rehabilitation bid, consulting services and budget amendments.

RESOLVED: To approve the 2023 Parking Lot Rehabilitation Partial Bid Award, Construction Engineering/ Observation and Contract Administration Services to OHM Advisors, and Material Testing Services to G2 Consulting and approve the necessary budget amendments listed within the recommendation section of this memo. (Attachment B)

7h. Motion – To approve a Change Order to the DPW Back Lot Project for the Reconstruction of the Fire Station #3 Parking Lot and City-Wide Curb Repairs.

RESOLVED: To approve the change order to the DPW back lot for the Reconstruction of the Fire Station #3 parking lot and miscellaneous city-wide curb repairs, Construction Engineering/ Observation and Contract Administration Services to OHM Advisors, and Material Testing Services to G2 Consulting and approve the necessary budget amendment listed within the recommendation section of this memo. (Attachment C)

7i. Motion – To reallocate funding for the DPW Backlot Construction Services.

RESOLVED: To reallocate \$81,000 for the DPW Back Lot OHM Advisors Scope of Construction Services and G2 Material Testing from the fleet fund (661-594-972.000) to the capital fund (401-901-973.000-21BDDPWCKLT).

7j. Motion – To approve Change Order No. 1 for the additional work requested for the 2022 Sewer Lining Project.

RESOLVED: To approve Change Order No. 1 for the 2022 Sewer Lining Project with Pipeline Management Company increasing the contract in the amount of \$224,004.

Moved by Verbeke, Seconded by Cionka.

RESOLVED: To approve the Consent Agenda.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.066

Motion Carried (7 - 0)

8. UNFINISHED BUSINESS

9. NEW BUSINESS

9a. Public Hearing/Motion – To adopt the resolution approving the Brownfield Plan for Bill Saad Properties, LLC. in Accordance with Public Act 381.

Ms. Carroll presented the Brownfield Redevelopment plan that is to be located at Joslyn and Pacific Roads.

Mr. Bill Saad Properties, LLC is proposing a new gasoline filling station and convenience store at this location.

Mayor McDaniel opened the Public Hearing at 7:30 PM.

Mr. Saad was present during this meeting.

Hearing no comment, Mayor McDaniel closed the Public Hearing at 7:31 PM.

It was discussed that this option helps to clean up the site and this resolution is a reasonable solution to the problems that are on the property.

Ms. Verbeke is opposed to developing this property until Oakland County fixes the road properly to make it safe. She shared that this is a terrible location to have a business with the roads in the condition they are in.

Moved by Carrier, Seconded by Knight.

RESOLVED: To adopt the attached resolution approving the Brownfield Plan for Bill Saad Properties, LLC. in accordance with Public Act 381. (Attachment D)

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel

No: Verbeke

Resolution No. 23.06.067

Motion Carried (6 - 1)

Motion - To take a ten-minute recess.

Moved by Verbeke, Seconded by Hawkins.

RESOLVED: To take a ten-minute recess.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.068

Motion Carried (7 - 0)

9b. Public Hearing/Motion - To consider non-renewal of certain hotel licenses.

Ms. Pierce presented the two hotels that are not in compliance with the ordinance and the procedures that were followed. Knowing that Comfort Suites was in the process of a real estate transaction, the new owners were also notified of the current violations and the Public Hearing.

Mr. Toss from the Fire Department and Mr. Lang from the Community Development department presented the violations for Comfort Suites. Mr. Toss shared that the violations he saw on June 19, 2023, are the same as what he saw in March 2023. He reported that there has been no attempt to make repairs. While he shared the list of violations, the most concerning is the fire alarm system which has been out of service since June 2022 and that it needs to be brought up to the current Fire Safety Standards. Due to the issues with the alarm panel, this facility has been on a Fire Watch for over a year. It was reported that there are a number of fire doors that do not function properly and are useless. The full report of violations is in the packet.

Mr. Lang presented that there are open building permits from building alterations and demolition work that have never been finalized as well as electrical code violations. The full report of violations is in the packet.

COMFORT SUITES PUBLIC HEARING

Mayor McDaniel opened the Public Hearing for Comfort Suites at 7:56 PM

Mr. Paul Stoychoff and Lyle Russell attorneys for Comfort Suites were present along with Mr. Rob Harwood, the general contractor. Mr. Stoychoff asked for an extension until December 2024. It was shared that this facility is in the process of a real estate transaction and closing should take place in fifteen days. It was discussed that there is an understanding to the severity of the violations and stated that there is progress towards alleviating these violations and that the building is safe. It was stated that the fire system works well, but it is not to the satisfaction of the Fire Inspector. Mr. Harwood stated that the current panel and parts are obsolete, and they are working to rectify the situation. He said the panel does work and it does report to a third-party monitoring company. He shared that there are 15 - 20 room smoke detectors that do not sound yet still dispatch to the monitoring desk. It was stated that this building is not a fire trap, and they are not ignoring the violations, but they need additional time to remedy the issues that have been presented. Regarding the taxes, it was stated that this oversight was noticed at the last moment but both the real and personal property taxes have been paid by mail to Oakland County.

Mayor McDaniel questioned why these gentlemen would wait until the last moment to rectify these issues, and that the owner should be more proactive about the safety of the those that are sleeping in the rooms. He said that he is not comfortable waiting until December 2024 to act on this item knowing that there are fire safety issues that have not been addressed. He commented that there has been plenty of time to rectify these concerns.

City Council discussed that the list of violations is extremely long and dangerous and should have been addressed sooner than today. Concern was shared regarding the transition to new ownership and what would transpire if this permit was revoked. Discussion took place regarding the fire alarm system and the deficiency of either the audible or visual portion of the system.

Hearing no further comment, Mayor McDaniel closed the Public Hearing at 8:19 PM

Mayor McDaniel shared that he understands there has to be due process however, he is not comfortable with allowing another 60 days until another review takes place. He stated that the 15 rooms that do not have functioning smoke detectors are to be taken out of service and that working smoke alarms will be installed within 14 days.

City Attorney Beckerleg advised that a 30-day extension be given to allow for the potential closing and recommend that the smoke detectors be fully operational within fourteen days.

Chief Massingill helped to clarify that the alarm panel is in trouble mode but does function. He also clarified that the Fire Watch has been in process for a few months and will continue until the alarm panel is functioning properly. The Fire Department would like to see all the issues addressed and would recommend that the Fire Watch remain in place until such time as the issue is reviewed.

Moved by Knight, Seconded by Verbeke.

RESOLVED: To grant Comfort Suites, 1565 N. Opdyke, a 30-day extension to allow the hotel additional time to address each violation that was stated in all of the staff reports that we heard tonight and are part of the record. Further as an additional condition, that within 14 days from today's date, all rooms shall have smoke detectors that are fully operational, the pool shall remain closed until any violations that are in the pool area are corrected, and the fire watch shall continue during the entire 30-day period.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.069

Motion Carried (7 - 0)

EXTENDED STAY PUBLIC HEARING

Mr. Toss shared that the violations for this facility had been addressed. Mr. Lang shared that there are no glaring health and safety violations just maintenance concerns that need to be addressed. Mr. Lang commented that as a condition of approval, the plan stated there is to be a gate at the emergency access point that must remain closed. That gate is gone and must be replaced.

Mayor McDaniel opened the Public Hearing for Extended Stay at 8:43 PM

Hearing no comment, Mayor McDaniel closed the Public Hearing at 8:43 PM

Moved by Hawkins, Seconded by Carrier.

RESOLVED: To grant Extend Stay America, 3315 University, a sixty-day extension to allow the hotel additional time to address each violation as stated in the staff reports. Further, if the violations have not been fully addressed, the hotel representative is required to report back to City Council at the August 21, 2023 City Council Meeting.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.070

Motion Carried (7 - 0)

9c. Motion – To approve the combined PUD Step One – Qualification / Step Two – Site Plan and Tree Removal Permit / Tommy’s Boats Auburn Hills.

Mr. Cohen presented the request for a 21,483 square-foot boat dealership and service building. This proposed site will hold a display tower which is taller than the ordinance requirements, requiring the PUD. It was explained that this site will have boats inside in the showroom, some displayed in specialized areas in front of the building and four stored in the tower. There will be a total of 97 spaces outside which will hold inventory or boats needing service. The inventory will be in white shrink wrap and nicely arranged. This site is not for winter storage and the remaining inventory will be kept onsite during the winter months. The public benefit for the PUD qualification includes an off-site donation of \$250,000 to be earmarked to the Auburn Hills Public Square in the downtown area. At the request of the Planning Commission, the building facades have been improved upon.

Roger Rehkopf, CEO of Orion Construction, Ken Rogers Regional Operation Manager for this company, and Mr. Jim Eppink of Eppink Partners were present.

Ms. Verbeke shared her concerns regarding this site being an entrance point to the city and people seeing boats in shrink wrap as a first glance.

It was discussed that not only will there be landscaping to help with screening on the property but also an eight-foot retaining wall. Due to the site sitting low, the visibility of the boats is limited. It was explained that this location is not designed for winter storage. The only boats held on site during the winter will be remaining inventory and should only be 20-30 boats.

Moved by Hawkins, Seconded by Knight.

RESOLVED: To accept the Planning Commission's recommendation and approve the combined PUD Step One – Concept Plan and PUD Step Two – Site Plan and Tree Removal Permit for Tommy’s Boats Auburn Hills subject to the conditions of the City’s Administrative Review Team.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel

No: Verbeke

Resolution No. 23.06.071

Motion Carried (6 - 1)

9d. Motion – To accept the Fourth Quarter 2022 Monitoring Network Review Summary and the 2022 Annual Monitoring Network Review Summary of the Oakland Heights Development Landfill Reports

Mr. Foerg shared that the situation at Oakland Heights is in good condition.

Mr. Robb Moore was present and introduced the new site manager, Dan Savie. Mr. Moore reported a potential closure in 2025.

Moved by Carrier, Seconded by Cionka.

RESOLVED: To accept the Fourth-Quarter 2022 Monitoring Network Review Summary and the 2022 Annual Monitoring Network Review Summary prepared by Environmental Consulting Solutions of the Oakland Heights Development Landfill Reports.

VOTE: Yes: Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke

No: None

Resolution No. 23.06.072

Motion Carried (7 - 0)

10. COMMENTS AND MOTIONS FROM COUNCIL

Ms. Verbeke – She shared her concerns for the traffic at Taylor and Giddings Roads.

Mr. Cionka – He welcomed the new Program Coordinators to the Community Center and Office Silas Bair. He is looking forward to Summerfest and scooping ice cream.

Mr. Hawkins – He shared that he is looking forward to Summerfest.

Mr. Marzolf – He questioned the opening of the Splash Pad. Mr. Skopek shared that the plan is to have it opened by Summerfest and the permit is being expedited through EGLE. He also asked for an update on the Webster building. Mr. Cohen shared the foundation plans will be submitted shortly for review. Mr. Lang shared that cursory plans have been submitted but there are several constraints that are being looked at. He also questioned the parking lanes in the downtown area. Mr. Baldante shared that it is being looking into.

Mr. Knight – He questioned the roundabout at Simmons and Bald Mountain Roads. Mr. Hefner shared that once DTE is able to transfer service there will be lighting on the roundabout. He took time to recognize the importance of Juneteenth.

Mr. Carrier – He encouraged people to attend the Concert in the Park series that will be starting soon.

Mayor McDaniel – Mr. Keenan presented Mayor McDaniel with the trophy from Paddlepalooza. Mayor McDaniel thanked both Mr. Keenan and Ms. Adcock for all their hard work for this event.

11. CITY ATTORNEY REPORT

12. CITY MANAGER REPORT

Mr. Tanghe – He took time to share about the passing of Dave Lietch and how he was instrumental in real estate transactions for the city. He extended his thoughts and prayers to the family. He recognized the generosity of Bass Pro Shop towards the events that have taken place in the city. He also thanked Mr. Keenan for his hard work and dedication to the city. He recognized two new businesses, Lucerne International and Branex Group. He congratulated Dr. Patrick Hupperich of FEV Mobility technology event and his promotion to CEO of FEV Group.

13. ADJOURNMENT

Hearing no objections, the Mayor adjourned the meeting at 9:37 PM.

Kevin R. McDaniel, Mayor

Laura M. Pierce, City Clerk

ATTACHMENT A



CITY OF AUBURN HILLS RESOLUTION OF SUPPORT TO APPLY TO THE MICHIGAN ECONOMIC DEVELOPMENT CORPORATION'S REVITALIZATION AND PLACEMAKING 2.0 GRANT PROGRAM

WHEREAS, the City of Auburn Hills supports the submission of an application to the Michigan Economic Development Corporation's Revitalization and Placemaking 2.0 Grant Program for the proposed Public Square in downtown Auburn Hills, and

WHEREAS, the proposed Public Square will provide the community with an intimate gathering place and enhance the services of downtown merchants; and

WHEREAS, the proposed Public Square will support the continued growth and vitality of downtown Auburn Hills; and

WHEREAS, the City of Auburn Hills Tax Increment Finance Authority has made a financial commitment to the project in the amount of \$200,000 in matching funds, and

NOW THEREFORE, BE IT RESOLVED that the City of Auburn Hills hereby authorizes the submission of an application to the Michigan Economic Development Corporation's Revitalization and Placemaking 2.0 Grant Program for the proposed Public Square project in downtown Auburn Hills.

AYES: 7 (Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke)

NAYES: None

ABSENT: None

ABSTENTION: None

MOTION APPROVED.

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 19th day of June, 2023.

IN WITNESS WHEREOF, I have hereunto affixed my official signature on this 21st day of June, 2023.

Laura M. Pierce, City Clerk

ATTACHMENT B

STAFF RECOMMENDATION

Staff recommends approving the 2023 Parking Lot Rehabilitation Partial Bid Award, Construction Engineering/Observation and Contract Administration Services to OHM Advisors, and Material Testing Services to G2 Consulting. Staff also recommends approving budget amendments in the amounts of \$119,000 to account number 401-901-973.002-21BDFIRE1LOT and \$50,000 to account number 584-753-973.002.

ATTACHMENT C

STAFF RECOMMENDATION

Staff recommends approving the change order to the DPW back lot for the Reconstruction of the Fire Station #3 parking lot and miscellaneous city-wide curb repairs, Construction Engineering/ Observation and Contract Administration Services to OHM Advisors, and Material Testing Services to G2 Consulting. Staff also recommends approving a budget amendment in the amounts of \$520,828 to account number 401-901-973.002-21BDFIRE3LOT.

ATTACHMENT D

CITY OF AUBURN HILLS, MICHIGAN

RESOLUTION APPROVING A BROWNFIELD PLAN FOR BILL SAAD PROPERTIES, LLC, PURSUANT TO AND IN ACCORDANCE WITH THE PROVISIONS OF ACT 381 OF THE PUBLIC ACTS OF THE STATE OF MICHIGAN OF 1996, AS AMENDED

At a regular meeting of the City Council of the City of Auburn Hills held in the Council Chambers (1827 N. Squirrel Road, Auburn Hills, Michigan 48326) of said City of Auburn Hills on the 19th day of June, 2023, at 7:00 PM.

PRESENT: Mayor McDaniel, Council Members Carrier, Cionka, Hawkins, Knight, Marzolf, and Verbeke
ABSENT: None
MOTION BY: Council Member Carrier
SECONDED BY: Council Member Knight

WHEREAS, the Brownfield Redevelopment Authority (the “Authority”) of the City of Auburn Hills, pursuant to and in accordance with the provisions of the Brownfield Redevelopment Financing Act, being Act 381 of the Public Acts of the State of Michigan of 1996, as amended (the “Act”), has prepared and recommended for approval by the City Council, a Brownfield Plan (the “Plan”) pursuant to and in accordance with Section 13 of the Act; and

WHEREAS, the Authority has, at least ten (10) days before the meeting of the City Council at which this resolution has been considered, provided notice to and fully informed all taxing jurisdictions (the “Taxing Jurisdictions”) which are affected by the Plan about the fiscal and economic implications of the proposed Plan, and the City Council has previously provided to the Taxing Jurisdictions a reasonable opportunity to express their views and recommendations regarding the Financing Plan and in accordance with Sections 13(13) and 14(1) of the Act; and

WHEREAS, the City Council has made the following determinations and findings:

- A. The Plan constitutes a public purpose under the Act;
- B. The Plan meets all of the requirements for a Brownfield Plan set forth in Section 13 of the Act;
- C. The proposed method of financing the costs of the eligible activities, as described in the Plan, is feasible and the Authority has the ability to arrange the financing;
- D. The costs of the eligible activities proposed in the Plan are reasonable and necessary to carry out the purposes of the Act;
- E. The amount of captured taxable value estimated to result from the adoption of the Plan is reasonable; and

WHEREAS, as a result of its review of the Plan and upon consideration of the views and recommendations of the Taxing Jurisdictions, the City Council desires to proceed with approval of the Plan.

NOW, THEREFORE, BE IT RESOLVED THAT:

1. Plan Approved. Pursuant to the authority vested in the Board by the Act, and pursuant to and in accordance with the provision so Section 14 of the Act, the Plan is hereby approved in the form attached as Exhibit "A" to this resolution.
2. Severability. Should any section, clause, or phrase of this Resolution be declared by the Courts to be invalid, the same shall not affect the validity of this Resolution as a whole nor any part thereof other than the part so declared to be invalid.
3. Repeals. All resolutions or parts of resolutions in conflict with any of the provisions of this Resolution are hereby repealed:

AYES: 7 (Carrier, Cionka, Hawkins, Knight, Marzolf, McDaniel, Verbeke)

NAYES: None

ABSENT: None

ABSTAINED: None

RESOLUTION DECLARED ADOPTED.

CITY OF AUBURN HILLS, COUNTY OF OAKLAND, STATE OF MICHIGAN

I, the undersigned, the duly qualified and acting Clerk of the City of Auburn Hills, State of Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted by the City Council at a regular meeting held on the 19th day of June, 2023, the original of which resolution is on file in my office.

IT WITNESS WHEREOF, I have hereunto set my official signature, this ____ day of _____, 2023.

Laura Pierce, City of Auburn Hills



CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: July 10, 2023

AGENDA ITEM NO 5a.

City Manager's Office

To: City Council
From: Kevin R. McDaniel, Mayor; Andrew Hagge, Management Assistant
Submitted: July 3, 2023
Subject: Motion – To confirm the Reappointment of Jeffrey Walker to the Local Official Compensation Commission

INTRODUCTION AND HISTORY

After consulting with the City Manager's Office, I recommend that Jeffrey Walker be reappointed to the Local Official Compensation Commission for an additional five-year term ending on July 31, 2028. Please consider confirming the following appointment to fulfill a five-year term.

Name	Board	Past Experience on the Commission	Service Years on the Commission	Term Ending Date
Jeffrey Walker	Local Official Compensation Commission	Member since 7-10-2017	6 years	July 31, 2028

MOTION

Move to confirm the reappointment of Jeffrey Walker to the Local Official Compensation Commission for an additional five-year term ending on July 31, 2028.



**CITY OF AUBURN HILLS
CITY CLERK'S OFFICE**

1827 N. Squirrel Rd., Auburn Hills MI 48326

Phone: 248.370.9402 Fax: 248.364.6719

CityClerk@auburnhills.org

www.auburnhills.org/cityboards

**APPLICATION FOR APPOINTMENT TO
BOARDS AND COMMISSIONS**

NAME: _____

(Please Print)

(Last)

(First)

(Middle Initial)

HOME ADDRESS: _____

(Number/Street)

(City/Zip)

(Phone)

EMAIL ADDRESS: _____

HOW LONG HAVE YOU LIVED IN AUBURN HILLS? _____

ARE YOU A U.S. CITIZEN: _____

DO YOU WORK IN AUBURN HILLS? _____

LENGTH OF TIME EMPLOYED IN AUBURN HILLS: _____

If you work in Auburn Hills, please list the name and address of the business:

(Business Name)

(Number/Street)

(Phone)

PLEASE LIST WHICH BOARD/COMMISSION YOU ARE INTERESTED IN: _____

WHAT SPECIALTIES/EXPERIENCE/EDUCATION DO YOU BRING TO THIS BOARD/COMMISSION:

(Attach additional sheet if necessary)

LIST ANY CIVIC/COMMUNITY ACTIVITIES THAT ARE YOU INVOLVED IN:

(Attach additional sheet if necessary)

Please return this form to the City Clerk's Office at the above address for processing. This information will be provided to the City Council, on a public agenda, for the use in making appointment to the various Boards and Commissions at the City Council Meeting.

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

Jeffrey Walker

(Signature)

6/24/23

(Date)



CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: July 10, 2023

AGENDA ITEM NO 7a.

Police Department

To: Mayor and City Council
From: Thomas A. Tanghe, City Manager; Ryan Gagnon, Chief of Police
Submitted: July 5, 2023
Subject: Motion – Approve Five Year Service Agreement with Flock Safety

INTRODUCTION AND HISTORY

On June 6, 2022, City Council approved a motion for the Police Department to purchase 22 Automatic License Plate Reading (ALPR) cameras from Flock Safety in an amount not to exceed \$2500 per camera or a total of \$55,000 annually. The cost of the ALPR program is split between the Police Department budget (10 cameras) \$25,000 and the Tax Increment Finance Authority (TIFA) budget (12 cameras) \$30,000. These are annual recurring expenses that is paid to Flock Safety to support the cameras and software technology that operates the system.

We were recently contacted by Flock Safety and advised that the annual subscription fee for each camera will be increasing from \$2500 per camera to \$3000 per camera annually. Flock Safety is offering an agreement for their current customers to lock in the current rate of \$2500 per camera by signing a five-year agreement. By signing this agreement, the expense to the city would remain at \$55,000 annually, rather than increasing to \$66,000 annually. Over the life of the contract the city would pay \$275,000, rather than \$330,000 by not locking in the current rate. The city would ultimately save a total of \$55,000 over the five-year period.

The 22 ALPRs were installed in strategic locations throughout the city and TIF District B in the fall of 2022. The system is currently scanning an average of 2 million license plates per month in the city. Since October 1, 2022, the Police Department has received 456 “hits” in the system. These “hits” notify police staff of wanted vehicles, stolen vehicles, wanted registered owners with serious felony warrants, missing persons, vehicles wanted as part of an investigation, etc. The department has had success in locating many vehicles when notified, including recovering stolen vehicles, locating missing persons, and identifying drivers of vehicles involved in crimes. Flock Safety has grown dramatically in use by departments in southeast Michigan. This has created a network of access to other cameras in other communities and utilized as an investigative tool by staff when investigating crimes in our community.

Private businesses within the city have become interested in the technology and are making plans to implement ALPRs on their property, to which Police Department staff would have access. Not only have we experienced positive outcomes in criminal investigations and located wanted vehicles coming into Auburn Hills, but this technology is also a deterrent for criminals looking to perpetrate a crime in our community.

The agreement has been reviewed and approved by the city attorney from a legal standpoint.

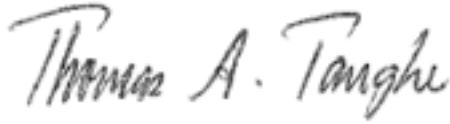
STAFF RECOMMENDATION

Staff recommends approval of the five-year agreement with Flock Safety to lock in the current rate of \$2500 per camera annually. Police Department staff will continue to work with City Administration and City Council to properly budget for these expenses over the next five years.

MOTION

Move to approve a five-year agreement with Flock Safety in an amount not to exceed \$55,000 annually and authorize the Chief of Police to sign the agreement on behalf of the city.

I CONCUR:

A handwritten signature in dark ink, reading "Thomas A. Tanghe". The signature is written in a cursive style with a large, looping 'T' and a trailing flourish.

THOMAS A. TANGHE, CITY MANAGER

**Flock Safety + City of Auburn
Hills**

Flock Group Inc.
1170 Howell Mill Rd, Suite 210 Atlanta,
GA 30318

MAIN CONTACT:
Lawson Hale
lawson.hale@flocksafety.com
6787631760

flock safety



EXHIBIT A
ORDER FORM

Customer:	City of Auburn Hills	Initial Term:	60 Months
Legal Entity Name:	City of Auburn Hills	Renewal Term:	24 Months
Accounts Payable Email:	rgagnon@auburnhills.org	Payment Terms:	Net 30
Address:	1899 N Squirrel Rd Auburn Hills, Michigan 48326	Billing Frequency:	Annual Plan - First Year Invoiced at Signing.
		Retention Period:	30 Days

Hardware and Software Products
Annual recurring amounts over subscription term

Item	Cost	Quantity	Total
Flock Safety Platform			\$55,000.00

Professional Services and One Time Purchases

Item	Cost	Quantity	Total
One Time Fees			

Subtotal Year 1:	\$55,000.00
Annual Recurring Subtotal:	\$55,000.00
Discounts:	\$55,000.00
Estimated Tax:	\$0.00
Contract Total:	\$275,000.00

Taxes shown above are provided as an estimate. Actual taxes are the responsibility of the Customer. This Agreement will automatically renew for successive renewal terms of the greater of one year or the length set forth on the Order Form (each, a “Renewal Term”) unless either Party gives the other Party notice of non-renewal at least thirty (30) days prior to the end of the then-current term.

Billing Schedule

Billing Schedule	Amount (USD)
Year 1	
At Contract Signing	\$55,000.00
Annual Recurring after Year 1	\$55,000.00
Contract Total	\$275,000.00

*Tax not included

Discounts

Discounts Applied	Amount (USD)
Flock Safety Platform	\$55,000.00
Flock Safety Add-ons	\$0.00
Flock Safety Professional Services	\$0.00

Product and Services Description

Flock Safety Platform Items	Product Description	Terms
Flock Safety Falcon ®	An infrastructure-free license plate reader camera that utilizes Vehicle Fingerprint® technology to capture vehicular attributes.	The Term shall commence upon first installation and validation of Flock Hardware.

One-Time Fees	Service Description
Installation on existing infrastructure	One-time Professional Services engagement. Includes site & safety assessment, camera setup & testing, and shipping & handling in accordance with the Flock Safety Advanced Implementation Service Brief.
Professional Services - Standard Implementation Fee	One-time Professional Services engagement. Includes site and safety assessment, camera setup and testing, and shipping and handling in accordance with the Flock Safety Standard Implementation Service Brief.
Professional Services - Advanced Implementation Fee	One-time Professional Services engagement. Includes site & safety assessment, camera setup & testing, and shipping & handling in accordance with the Flock Safety Advanced Implementation Service Brief.

FlockOS Features & Description

Package: Essentials

FlockOS Features	Description
Community Cameras (Full Access)	Access to all privately owned Flock devices within your jurisdiction that have been shared with you.
Unlimited Users	Unlimited users for FlockOS
State Network (LP Lookup Only)	Allows agencies to look up license plates on all cameras opted in to the statewide Flock network.
Nationwide Network (LP Lookup Only)	Allows agencies to look up license plates on all cameras opted in to the nationwide Flock network.
Direct Share - Surrounding Jurisdiction (Full Access)	Access to all Flock devices owned by law enforcement that have been directly shared with you. Have ability to search by vehicle fingerprint, receive hot list alerts, and view devices on the map.
Time & Location Based Search	Search full, partial, and temporary plates by time at particular device locations
License Plate Lookup	Look up specific license plate location history captured on Flock devices
Vehicle Fingerprint Search	Search footage using Vehicle Fingerprint™ technology. Access vehicle type, make, color, license plate state, missing / covered plates, and other unique features like bumper stickers, decals, and roof racks.
Flock Insights/Analytics page	Reporting tool to help administrators manage their LPR program with device performance data, user and network audits, plate read reports, hot list alert reports, event logs, and outcome reports.
ESRI Based Map Interface	Flock Safety’s maps are powered by ESRI, which offers the ability for 3D visualization, viewing of floor plans, and layering of external GIS data, such as City infrastructure (i.e., public facilities, transit systems, utilities), Boundary mapping (i.e., precincts, county lines, beat maps), and Interior floor plans (i.e., hospitals, corporate campuses, universities)
Real-Time NCIC Alerts on Flock ALPR Cameras	Alert sent when a vehicle entered into the NCIC crime database passes by a Flock camera
Unlimited Custom Hot Lists	Ability to add a suspect’s license plate to a custom list and get alerted when it passes by a Flock camera

By executing this Order Form, Customer represents and warrants that it has read and agrees all of the terms and conditions contained in the Terms of Service located at <https://www.flocksafety.com/legal/terms-and-conditions>

The Parties have executed this Agreement as of the dates set forth below.

FLOCK GROUP, INC.

Customer: City of Auburn Hills

By: _____

By: _____

Name: _____

Name: **Ryan Gagnon**

Title: _____

Title: _____

Date: _____

Date: _____

PO Number: _____

Customer Implementation Guide

Law Enforcement



flock safety

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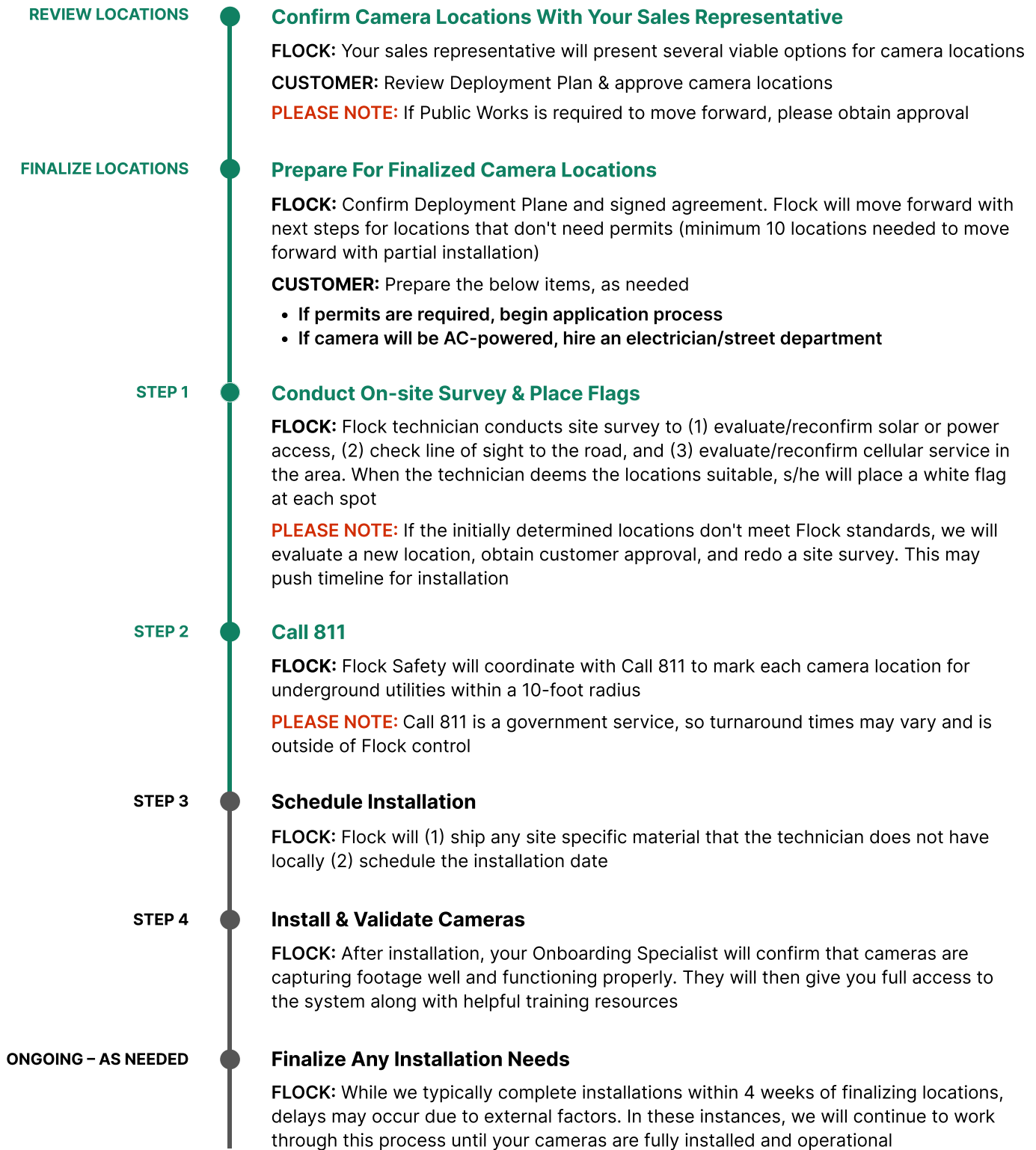
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Implementation Timeline

This timeline provides general guidance and understanding of your installation process. While we typically complete installations 6-8 weeks after locations have been finalized, delays can occur as noted in the timeline below:



Flock Safety Team

Implementation Team	How They Will Support You
<div></div> <div>Project Manager</div>	<p>Your Project Manager is your primary contact during camera installation.</p> <p>Your project manager will guide you through the entire installation process, keeping you apprised of all implementation updates as well as answering any questions you have during this time. They will ensure that all the cameras are on the ground and operating for at least 48 hours before transitioning you to your Customer Success Manager.</p>
<div></div> <div>Field Operations Team</div>	<ul style="list-style-type: none">• The Field Operations team is responsible for the physical installation and maintenance of cameras and associated equipment provided by Flock. This includes a large team of technicians, schedulers, and many others involved in ensuring the delivery of the product.• They take the technical plan you finalized with Product Implementation and work closely with other teams at Flock to make sure that the cameras are installed quickly and safely and in a way that maximizes the opportunity to solve crime at a specific location.• *Note*: For all Installation questions or concerns, please always direct them to your Customer Success Manager and not the technician.

Relationship Team	How They Will Support You
<div></div> <div>Customer Success Manager</div>	<p>Your Customer Success Manager is your strategic partner for your lifetime as a Flock customer.</p> <p>While the cameras are getting installed, your CSM will help get your account set up and get all key users trained on the system.</p> <p>Post-Camera-Installation, your CSM will be your go-to for most account-related needs: You should reach out to them to:</p> <ul style="list-style-type: none">• Set up Account Training• Understand benefits of features• Learning best practices for getting relevant data• Identifying opportunities to expand the security network in your area• Provide feedback on your partnership with Flock
<div></div> <div>Flock Safety Support</div>	<p>The Flock Safety Support team is committed to answering all your day-to-day questions as quickly as possible. To get in touch with support, simply email support@flocksafety.com or call 866-901-1781 Mon-Fri 8am-8pm EST.</p> <p>Support can help you:</p> <ul style="list-style-type: none">• Request camera maintenance• Troubleshoot online platform• Contract / Billing questions• Update account information• Camera Sharing questions• Quick “How to” questions in your Flock Account

Outside Party	When They May Be Involved
Electrician/Street Department	If the Flock cameras need to be AC powered, you (customer) are responsible for providing an electrician to ensure power connectivity
Public Works (LE)	To weigh in on the use of public Rights of Way or property
Department of Transportation (DOT), City, or County agencies	If installation in your area requires permitting

PLEASE NOTE: On some occasions, third parties outside of Flock Safety may be (or need to be) involved in your implementation.

Implementation Service Briefs: Existing Infrastructure vs Standard vs Advanced

	Existing Infrastructure Install	Standard Install	Advanced Install
Pole	None	Flock	NCHRP 350 / MASH
Timeline	Short	Medium	Longest
Cost	Lowest	Mid	Highest

Existing Infrastructure Implementation

COST: \$150 per camera (one time cost)

Included In Scope:

Once designated locations are approved by the customer, as part of the **Existing Infrastructure Implementation Service** Flock will perform the following:

- An in-person site survey to confirm the installation feasibility of a location (location assessment, solar assessment, visibility review, etc.)
 - Cameras need sufficient power. Since a solar panel is required per camera, it can prevent adequate solar power if two cameras and two solar panels are on a single pole (blocking visibility). Therefore if relying on solar power, only one camera can be installed per pole.
- Confirm that a location is safe for work by following State utility locating procedures.
- Each installation may include the following:
 - Installation of camera and solar panel or AC adapter box on a suitable existing pole

- Types of existing infrastructure such as existing utility, light, and traffic signal poles.
- Pole no higher than 8'-12' (approval at Flock Safety's discretion)
- Flock will provide and mount an AC adapter unit that a qualified electrician can connect to AC power following our [electrical wiring requirements](#). Flock is unable to make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material). Electrical work requiring a licensed electrician and associated costs, not included in the scope.
- Access requiring up to a 14' using an A-frame ladder
- Standard MUTCD traffic control procedures performed by a Flock technician
- Obtain a business license to operate in the city and state of camera location

Out Of Scope:

By default, Flock does **not** include the following as part of the **Existing Infrastructure Implementation Service** but can provide a quote for sourcing at an additional cost:

- Mounting on mast arms (always require bucket truck and traffic control)
- Call 811 'Call-before-you-Dig' system
- Installation of any poles including but not limited to
 - Standard, 12' above grade [Flock breakaway pole](#)
 - NCHRP 350 or MASH approved pole (as may be required for locations in DOT right of way)
- A Bucket Truck for accessing horizontal/cross-beams and/or height above 14'
- Special equipment rentals for site access
- Site-specific engineered traffic plans
- Third-party provided traffic control
- State or city-specific specialty contractor licenses or unique attachment/connection requirements
- Custom engineered drawings
- Electrical work requires a licensed electrician.

- Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power but cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).
- Concrete cutting
- Private utility search for privately owned items not included in standard 811 procedures (communication, networking, sprinklers, etc.)
- Upgrades to power sources to ready them for Flock power (additional fuses, switches, breakers, etc.)
- Any fees or costs associated with filing for required city, county, or state permits
- Licensing or attachment agreements with asset / infrastructure owners
- Utility contracts and billing
- Customer requested relocations (see fee schedule)

Standard Implementation

COST: \$650 per camera (one time cost)

Included In Scope:

Once designated locations are approved by the customer, as part of the **Standard Implementation Service** Flock will perform the following:

- An in-person site survey to confirm the installation feasibility of a location (location assessment, solar assessment, visibility review, etc.)
- Confirm that a location is safe for work by following state utility locating procedures. Work with local utilities to prevent service interruptions during the installation
 - Engage 811 'Call-before-you-Dig' system to receive legal dig date
 - Apply approved markings Coordinate with 811 regarding any necessary high-risk dig clearances or required vendor meets
- Each installation may include the following:
 - Installation of camera and solar panel with standard, 12' above grade Flock breakaway pole

- Installation of camera and AC adapter that a qualified electrician can connect to AC power on a suitable existing pole, no higher than 8-12' (approval at Flock Safety's discretion)
 - Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power following our [electrical wiring requirements](#). Flock is unable to make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material). Electrical work requiring a licensed electrician and associated costs, not included in the scope.
- Access requiring up to a 14' A-frame ladder
- Standard MUTCD traffic control procedures performed by a Flock technician
- Obtain a business license to operate in the City and State of camera location

Out Of Scope:

By default, Flock does **not** include the following as part of the Standard Implementation Service but can provide a quote for sourcing at an additional cost:

- Use and/or mounting to existing infrastructure.
- NCHRP 350 or MASH approved pole (as may be required for locations in DOT right of way)
- A Bucket Truck for accessing horizontal/cross-beams and/or height above 14'
- Special equipment rentals for site access
- Site-specific engineered traffic plans
- Third-party provided traffic control
- State or city-specific specialty contractor licenses
- Custom engineered drawings
- Electrical work requires a licensed electrician.
 - Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power but cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).
- Concrete cutting
- Private utility search for privately owned items not included in standard 811 procedures (communication, networking, sprinklers, etc.)

- Upgrades to power sources to ready them for Flock power (additional fuses, switches, breakers, etc.)
- Any fees or costs associated with filing for required city, county, or state permits
- Licensing or attachment agreements with asset / infrastructure owners
- Utility contracts and billing
- Customer requested relocations (see fee schedule)

Advanced Implementation

COST: \$1,900 per camera (one time cost)

Included In Scope:

Once Designated Locations are confirmed, as part of the **Advanced Implementation Service**, Flock will perform the following:

- An in-person site survey to confirm the installation feasibility of a location (location assessment, solar assessment, visibility review, etc.)
- Confirm that a location is safe for work by following State utility locating procedures. Work with local utilities to prevent service interruptions during the installation
 - Engage 811 'Call-before-you-Dig' system to receive legal dig date
 - Apply approved markings Coordinate with 811 regarding any necessary high-risk dig clearances or required vendor meets
- Each installation may include the following:
 - Installation of camera and solar panel on a suitable **NCHRP 350 or MASH** approved pole.
 - Installation of camera and AC adapter that a qualified electrician can connect to AC power.
 - Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power following our [electrical wiring requirements](#). Flock cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).

Electrical work requiring a licensed electrician and associated costs, not included in the scope.

- Access requiring up to a 14' A-frame ladder
- Standard MUTCD traffic control procedures performed by a Flock technician
- Obtain a business license to operate in the City and State of camera location

Out Of Scope:

By default, Flock does not include the following as part of the **Advanced Implementation Service** but can optionally provide a quote for sourcing (additional cost):

- Installation on Standard, 12' above grade Flock breakaway pole or existing infrastructure.
- A Bucket Truck for accessing horizontal/cross-beams and/or height above 14'
- Special equipment rentals for site access
- Site-specific engineered traffic plans
- Third-party provided traffic control
- State or City-specific specialty contractor licenses
- Custom engineered drawings
- Electrical work requires a licensed electrician. Flock will provide and mount an AC adapter that a qualified electrician can connect to AC power but cannot make any AC connections or boreholes in any material other than dirt, grass, loose gravel (or other non-diggable material).
- Concrete cutting
- Private utility search for privately owned items not included in standard 811 procedures (communication, networking, sprinklers, etc.)
- Upgrades to power sources to ready them for Flock power (additional fuses, switches, breakers, etc.)
- Fees or costs associated with filing for required City, County, or State permits

Things to Consider When Selecting Locations

Falcon Cameras



- Use Cases
 - Flock LPRs are designed to capture images of rear license plates aimed in the direction of traffic.
 - Flock LPRs are not designed to capture pedestrians, sidewalks, dumpsters, gates, other areas of non-vehicle traffic, intersections.
- Placement
 - They capture vehicles driving away from an intersection.
 - They cannot point into the middle of an intersection.
 - They should be placed after the intersection to prevent stop and go motion activation or “stop and go” traffic.
- Mounting
 - They can be mounted on existing utility, light, traffic signal poles, or 12 foot Flock poles.*
 - They should be mounted one per pole.** If using AC power, they can be mounted 2 per pole.
- They can be powered with solar panels or direct wire-in AC Power (no outlets).***
- They will require adequate cellular service using AT&T or T-Mobile to be able to process & send images.

* Permitting (or permission from pole owner) may be required to use existing infrastructure or install in specific areas, depending on local regulations & policies.

** Cameras need sufficient power. Since a solar panel is required per camera, it can prevent adequate solar power if two cameras and two solar panels are on a single pole (blocking visibility). Therefore if relying on solar power, only one camera can be installed per pole.

*** Flock does not provide Electrical services. Once installed, the agency or community must work with an electrician to wire the cameras. Electrician services should be completed within two days of installation to prevent the camera from dying.

Solar Panels

Solar panels need unobstructed southern-facing views.



Pole

If a location requires a "DOT Pole" (i.e., Advanced Pole, **not** Flock standard pole), the implementation cost will be \$5,000/camera.



Customer Responsibilities: AC-Powered Cams

If the Flock cameras need to be AC-powered, the **customer is responsible** for acquiring an electrician and ensuring they connect the camera to power. **See steps 2 and 6 below.**

How to Get Started with a Powered Install



1. Create a Deployment Plan

Work with us to select the best location(s) for Flock Safety cameras and power sources



2. Acquire an Electric Quote

Contact an electrician to receive a quote to run 120volt AC power to the camera



3. Sign Flock Safety Agreement

Sign the Flock Safety purchase order to begin the installation of cameras



4. Conduct Site Survey

Flock will mark camera locations, locate underground utilities and mark if present



5. Install Camera

Flock will install the camera and AC power kit at the specified camera location



6. Connect Camera to Power

Notify the electrician that the camera is ready for the power connection installation

Electrician Handout

Electrician Installation Steps

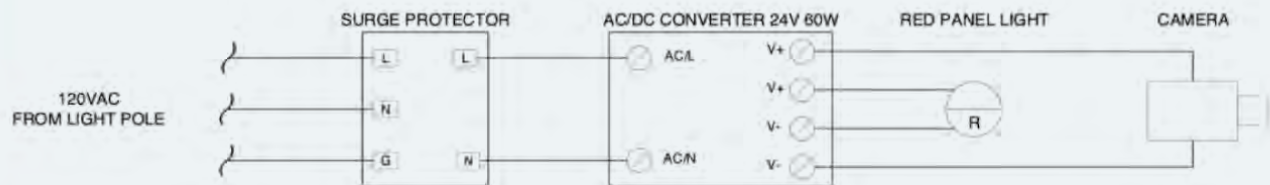
1. Run AC cable and conduit to the box according to NEC Article 300 and any applicable local codes. The gland accepts ½" conduit.
2. Open the box using hinges.
3. Connect AC Mains per wiring diagram below:
 - a. Connect AC Neutral wire to the Surge Protector white Neutral wire using the open position on the lever nut.
 - b. Connect AC Line wire to the Surge Protector black Line wire using the open position on the lever nut.
 - c. Connect AC Ground wire to the Surge Protector green ground wire using the open position on the lever nut.
4. Verify that both the RED LED is lit on the front of the box
5. Close box and zip tie the box shut with the provided zip tie
6. While still on-site, call Flock, who will remotely verify that power is working correctly:



Southeast Region - (678) 562-8766

West-Region - (804) 607-9213

Central & NE Region - (470) 868-4027



FAQs about AC-Powered Flock Cameras

What voltage is supported?

The AC kit is designed to work with 120VAC Infrastructure by default. A 240VAC version is available on request.

How much power does this consume?

Peak current draw is 1.5 A at 120VAC. The average power draw is roughly 30W in high traffic conditions but maybe lower when fewer vehicles are present.

Who is responsible for contracting the electrician?

The customer is responsible for contracting an electrician. We can help answer questions, but the customer is responsible for identifying and contracting an electrician.

Who is responsible for maintenance?

Flock will handle all maintenance related to Flock's camera and power equipment. However, any problems with the electrical supply are the customer's responsibility. The AC junction box has two lights to indicate the presence of power and make it easy for quick diagnosis if there is a problem related to the AC power source.

- If the camera indicates to Flock that there is a power supply problem, Flock will notify the customer and request that the customer verifies the lights on the AC junction box. If the AC Source light is illuminated, Flock will send a technician to investigate. If the AC source light is not illuminated, the customer should check any GFCI's or breakers in the supply circuit or call the electrician who installed the power supply.

How much does it cost?

Work required to bring AC power to each location will be different, so exact pricing is unavailable. Primary cost drivers include arrow boards and the distance from the camera location to the AC power source.

What information do I need to provide my electrician?

The Flock deployment plan and these work instructions should be sufficient to secure a quote. It will be helpful if you know the location of the existing power infrastructure before creating the deployment plan.

Can you plug it into my existing power outlet? The Flock AC power adapter does not use a standard outlet plug but must be directly wired into the power mains. While using outlet plugs may be convenient, they can easily be unplugged, presenting a tampering risk to this critical safety infrastructure. The electrician can route power directly to the camera with a direct wire-in connection if an outlet is close to the camera.

How long does this process typically take?

The installation process typically takes 6-8 weeks. To accelerate the process, be sure to have the electrician perform his work shortly after the Flock technician finishes installing the camera.

What kind of electrician should I look for?

Any licensed electrician should perform this work, though we have found that those who advertise working with landscape lighting are most suited for this work.

What happens if the electrician damages the equipment?

The customer is responsible for contracting the electrician. Any liability associated with this work would be assumed by the customer. If any future work is required at this site due to the electrical infrastructure or the work performed by the electrician would be the responsibility of the customer.

When should the electrician perform his work?

Once Flock installs the camera, you will receive an email alert letting you know that this has been completed. After this, you will need to schedule the electrician to route power to the pole.

What if my electrician has questions about Flock's AC Kit?

You should share the [AC-Power Kit Details](#) packet with the electrician if they have questions.

What if the AC power is on a timer?

Sometimes the AC power will be on a timer (like used for exterior lighting). Flock requires that the AC power provided to the camera be constant. The source that the electrician uses must not be on a timing circuit.

Installation Service Brief Summary

Below outlines the statement of work for the Flock Camera Installation:

What Is Covered By Flock	What Is NOT Covered By Flock	Special Note
Flock Cameras & Online Platform	Traffic Control And Any Associated Costs	
Mounting Poles	*DOT Approved Pole Cost Electrician & Ongoing Electrical Costs	
AC Power Kit (As Needed)	Engineering Drawings	
Solar Panels (As Needed)	Relocation Fees	<i>Excluding Changes During Initial Installation</i>
Site Surveys And Call 811 Scheduling	Contractor Licensing Fees	
Installation Labor Costs	Permit Application Processing Fees	
Customer Support / Training	Specialist Mounting Equipment	<i>Including, But Not Limited To, **MASH Poles Or Adapters</i>
Cellular Data Coverage	Bucket Trucks	
Maintenance Fees (Review Fees Sheet For More Details)	Loss, Theft, Damage To Flock Equipment	
Data Storage For 30 Days	Camera Downtime Due To Power Outage	<i>Only Applicable For AC-Powered Cameras</i>
	***Field Technician Maintenance For Falcon™ Flex	

*If a location requires a "DOT pole" (i.e., not our standard), the implementation cost will be \$5,000/camera; This cost is applicable for installations in GA, IL, SC, TN, and CA.

**MASH poles: Manual for Assessing Safety Hardware (MASH) presents uniform guidelines for crash testing permanent and temporary highway safety features and recommends evaluation criteria to assess test results

***If a camera is lost, stolen, or damaged, a replacement device can be purchased at a discounted price of \$800

Permitting: Pre-Install Questionnaire

1. Timeline

- In Flock Safety's experience, in-depth permitting requirements can **add 2+ months to the installation timeline**.
- The SLA for permit document submission is within 15 days from contract signature date (contract Closed-Won)

2. Right of Way

- Will any Flock Safety cameras be installed on the city, state, or power company-owned poles or in the city, county, or state Right of Way (RoW)?
 - What is the RoW buffer?
 - Will additional permits or written permission be required from third-party entities (such as DOT, power companies, public works, etc.)?
- Will any cameras be installed on city-owned traffic signal poles (vertical mass)?
 - If yes, please provide heights/photos to determine if a bucket truck is needed for the installation.
 - Note: A bucket truck is required if the height exceeds 15 feet tall.

3. AC Power vs. Solar

- If AC powered, is there a 120V power source available, and is there access to an electrician who can connect the existing wire to the Flock Safety powered **installation kit**?
- If solar-powered, consider the size of the solar panel and potential to impact the visibility of DOT signs/signals:
 - Single Panel: 21.25" x 14" x 2" (Length x Width x Depth)
 - Double Panel: 21.25" x 28" x 2" (LxWxD)

4. Traffic Control & Installation Methods

- **If a bucket truck is required**, this typically necessitates an entire lane to be blocked in the direction of travel. **Can you provide a patrol car escort, or will full traffic control be required?***

PLEASE NOTE: If traffic control is required, you may incur additional costs due to city/state requirements; Fees will be determined by quotes received.

- **If full traffic control is required (cones, arrow boards, etc.):**
 - Will standard plans suffice, or are custom plans needed? Custom plans can double the cost, while standard plans can be pulled from the Manual of Uniform Traffic Control Devices (**MUTCD**).
 - Will a non-sealed copy of the traffic plan suffice? Or does the traffic plan need to be sealed and/or submitted by a professional engineer?
 - Are there state-specific special versions/variances that must be followed?
- **If a bucket truck is not required**, the shoulder or sidewalk should suffice and enable Flock Safety to proceed without traffic control systems in place.
 - Note: In some states (i.e., arrow boards), sidewalks may require signage. If signage is mandatory, Will your Public Works department be able to assist?

5. Paperwork & Required Forms

- Flock Safety will need copies of paperwork to complete before proceeding (ex., business license applications, encroachment permit applications). We can save critical time by gathering these documents upfront. We appreciate your assistance in procuring these.

6. Contacts

- If Flock Safety needs to interface directly with the departments, please share the contact information of the following departments:
 - Permitting
 - Public Works
 - Traffic Department

*Fee Schedule

After a deployment plan with Designated Locations and equipment has been agreed upon by both Flock and the Customer, any subsequent changes to the deployment plan (“Reinstalls”) driven by a Customer’s request will incur a fee per the table below.

What Services Incur Fees:

- Requested relocations post-approval by customer
- Relocations due to poor performance will be the responsibility of Flock
 - If a customer requests a location against the advisement of Flock, performance issues and any requested relocations will be the responsibility of the customer.
- Per the contract and absent a defect, in the event that Flock Hardware is lost, stolen, or damaged, Customer may request that Flock replace the Flock Hardware at a fee according to the then-current Reinstall policy
<https://www.flocksafety.com/reinstall-fee-schedule>
- Misc billables for out of scope items for each implementation

Incurred Fees:

- Camera relocation
 - Existing infrastructure (non-AC powered)..... **\$350**
 - Flock pole (non-AC powered)..... **\$750**
 - Advanced pole (non-AC powered)..... **\$5000**
- Replacements
 - Camera only as a result of vandalism, theft, or damage **\$800**
 - Pole replacement only as a result of vandalism, theft, or damage
 - Flock pole **\$500**
 - Advanced pole **\$5000**
 - Full replacement as a result of vandalism, theft, or damage
 - Flock pole, camera, and solar (non-AC Powered)..... **\$1300**
 - Advanced pole, camera, and solar (non-AC Powered)..... **\$5800**

- Trip charge **\$350**
 - Examples:
 - Angle adjustment (elective)
 - Install additional Flock signage

All fees are per reinstall or required visit (in the case that a reinstall is attempted but not completed) and include labor and materials. If you have any questions, please email support@flocksafety.com.

Help Center

Our Help Center is filled with many resources to help you navigate through the online platform. Below you will find some common questions and their relevant help article:

[How do I search camera footage?](#)

[How do I add a user?](#)

[How do I add a vehicle to my own Hot List?](#)

[How do I enable browser notifications for Hot List alerts?](#)

[How do I get text alerts for Hot List?](#)

[How do I request camera access from other nearby agencies?](#)

[How do I use the National Lookup to search for a plate?](#)

(National Lookup - network of law enforcement agencies that have opted to allow their network of Flock cameras to be used for searches)

[How do I reset my / another user's password?](#)

Customer Support

You can reach our customer support team anytime by emailing support@flocksafety.com. They can help answer any “How-To” questions you may have.



CITY OF AUBURN HILLS

CITY COUNCIL AGENDA

MEETING DATE: JULY 10, 2023

AGENDA ITEM NO 7b.

DEPARTMENT OF PUBLIC WORKS

To: Mayor and City Council
From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads
Submitted: June 28, 2023
Subject: Motion – Approval to Purchase a Replacement Tandem Axle Dump Truck

INTRODUCTION AND HISTORY

Budgeted in the 2024 Fleet Operating Budget is \$310,000.00 for the replacement of a 2009 tandem axle 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. Five of the dump trucks have been equipped with wing plows, which have proven to greatly improve the efficiency of winter operations. While the anticipated replacement schedule is twenty years for a vehicle of this size, the DPW has been utilizing our trucks with wing plows as primary response trucks during winter events because of the extra snow that can be removed from the roadway in a single pass. Therefore, they are now logging the mileage in fifteen years that they would typically log in twenty years. In addition, maintenance for the truck that will be replaced over the last 2 years is more than 5 times the cost of our newer trucks. 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.

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 members has risen to 60. The City of Rochester Hills serves 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 again 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 \$123,799.00 (Exhibit 1). The body build by Truck & Trailer Specialties is for a front snow blade mount, under-body scrapper blade, wing blade, a salt box & spreader with a pre-wet liquid system attachment, and optional unpainted galvanized top grates (for added longevity) at a bid price of \$182,606.00 (Exhibit 2). Total build price for this unit is \$306,405.00. This vehicle will be paid for in 2024 as it has a 12-16 month estimated build time.

STAFF RECOMMENDATION

Staff recommends approving the purchase of a 2025 tandem axle cab and chassis from Wolverine Freightliner Eastside, Mt. Clemens, Michigan in the amount of \$123,799.00, and the truck build from Truck & Trailer Specialists, Howell, Michigan in the amount of \$182,606.00 for a total of \$306,405.00. Funding is provided from the 2024 Fleet Management Account # 661-594-981.000.

MOTION

Move to approve the purchase of a 2025 tandem axle cab and chassis from Wolverine Freightliner Eastside, Mt. Clemens, Michigan in the amount of \$123,799.00, and the truck build from Truck & Trailer Specialists, Howell, Michigan in the amount of \$182,606.00 for a total of \$306,405.00.

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, looped 'T'. The middle initial "A." is written in a smaller, simpler script. The last name "Tanghe" is written with a large, looped 'T' and a trailing flourish.

THOMAS A. TANGHE, CITY MANAGER



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

6/23/2023

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

Attn: Jason Hefner

The following is 2025 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
2025 Model & Surcharge not to exceed	\$5,500 Add
Freightliner 108SD Plus upgrade	\$2,000 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 \$ 123,799 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:
Jason
Hefner
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S P E C I F I C A T I O N P R O P O S A L

Data Code	Description
Price Level	
PRL-27D	SD PRL-27D (EFF:MY24 ORDERS)
Data Version	
DRL-045	SPECPRO21 DATA RELEASE VER 045
Vehicle Configuration	
001-176	108SD PLUS CONVENTIONAL CHASSIS
004-224	2025 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
General Service	
AA1-002	TRUCK CONFIGURATION
AA6-002	DOMICILED, USA (EXCLUDING CALIFORNIA AND CARB OPT-IN STATES)
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
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

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Data Code	Description
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
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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-008	ONE DASH MOUNTED PTO SPEED WITH PTO SWITCH ENGAGEMENT
	80G-002	PTO MINIMUM RPM - 700
	80J-002	REGEN INHIBIT SPEED THRESHOLD - 5 MPH
N	80V-002	ENGINE MOUNT PTO, DASH SWITCH ENGAGES PTO MODE, DRIVING OPERATION

Engine Equipment

	99C-021	2010 EPA/CARB/GHG21 CONFIGURATION
	99D-010	NO 2008 CARB EMISSION CERTIFICATION
	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
	290-017	BATTERY BOX FRAME MOUNTED
	281-001	STANDARD BATTERY JUMPERS

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Data Code	Description
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
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
110-003	CUMMINS SPIN ON FUEL FILTER
118-008	COMBINATION FULL FLOW/BYPASS OIL FILTER

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Data Code	Description
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
84N-200	FUEL SENSE 2.0 DISABLED - PERFORMANCE - TABLE BASED

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Data Code	Description
84U-000	DRIVER SWITCH INPUT - DEFAULT - NO SWITCHES
84V-001	DIRECTION CHANGE ENABLED WITH MULTIPLEXED SERVICE BRAKES - ALLISON 5TH GEN TRANSMISSIONS
353-075	QUICKFIT BODY LIGHTING CONNECTOR AT END OF FRAME, WITH CAP
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	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
539-003	POWER STEERING PUMP
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR
533-001	OIL/AIR POWER STEERING COOLER

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Data Code	Description
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	RT-46-160P 46,000# R-SERIES TANDEM REAR AXLE
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
428-003	HALDEX AUTOMATIC REAR SLACK ADJUSTERS
41T-002	CURRENT AVAILABLE SYNTHETIC 75W-90 REAR AXLE LUBE
42T-001	STANDARD REAR AXLE BREATHER(S)

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Data Code	Description
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
* 910-004	DUAL AIR REAR SUSPENSION LEVELING VALVES
623-002	TRANSVERSE CONTROL RODS
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)
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	
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

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Data Code	Description
303-025	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME

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 : 66.18 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
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER

Chassis Equipment

556-997	OMIT FRONT BUMPER, CUSTOMER INSTALLED SPECIAL BUMPER, DOES NOT COMPLY WITH FMCSR 393.203
558-001	FRONT TOW HOOKS - FRAME MOUNTED
551-002	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS
44Z-002	EXTERIOR HARNESSSES WRAPPED IN ABRASION TAPE

Fuel Tanks

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Data Code	Description
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

Tires

093-1RJ	MICHELIN X WORKS Z 315/80R22.5 20 PLY RADIAL FRONT TIRES
094-1UY	MICHELIN X MULTI D 11R22.5 16 PLY RADIAL REAR TIRES

Hubs

418-060	CONMET PRESET PLUS PREMIUM IRON FRONT HUBS
450-060	CONMET PRESET PLUS PREMIUM IRON REAR HUBS

Wheels

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

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	Data Code	Description
	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
	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
N	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

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Data Code	Description
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 2.1 AMP USB-C CHARGER
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
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
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

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Data Code	Description
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

81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY
* 4CH-002	2 EXTRA PROGRAMMABLE SWITCHES/INDICATORS \$C1H0146ZZ,C1J0083ZZ
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
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
160-038	HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH
844-001	2 INCH ELECTRIC FUEL GAUGE

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Data Code	Description
148-072	ENGINE REMOTE INTERFACE WITH ONE OR MORE SET SPEEDS
48H-003	QUICKFIT POWERTRAIN INTERFACE CONNECTOR UNDER CAB WITH CAPS
* 4CG-006	6 EXTRA PROGRAMMABLE SWITCHES/INDICATORS \$C1B0208ZZ,C1C0209ZZ,C1D0200ZZ,C1E0205ZZ,C1F0082ZZ,C1G0212ZZ
48C-003	QUICKFIT PROGRAMMABLE INTERFACE CONNECTOR(S) UNDER CAB WITH CAP
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE 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
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE
679-998	NO OVERHEAD INSTRUMENT PANEL
35M-011	QUICKFIT PROGRAMMABLE INTERFACE MODULE + (4) 20 AMP 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
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
8D1-303	3 YEARS DAIMLER CONNECTIVITY BASE PACKAGE (FEATURES VARY BY MODEL) POWERED BY DETROIT CONNECT

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Data Code	Description
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
264-030	(1) OVERHEAD MOUNTED LANYARD CONTROL FOR DRIVER AIR HORN
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY
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

Design

065-000	PAINT: ONE SOLID COLOR
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Color

980-4B7	CAB COLOR A: N0789EA OMAHA ORANGE ELITE SS
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

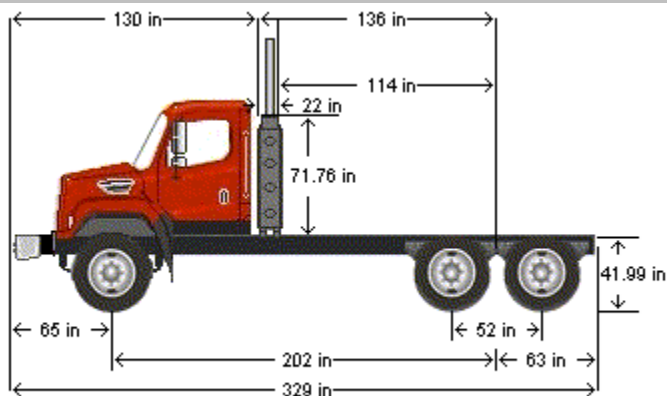
WAI-47H	CUM 2017 L9: HD1 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM EXTENDED WARRANTY. FEX APPLIES
WAX-101	CUM 2017 L9: AT3 MD DTY 5 YEARS / 100,000 MILES / 161,000 KM AFTERTREATMENT. FEX APPLIES
WAD-079	COOLING: MD MODERATE 5 YEAR/100,000 MILES/161,000 KM EXTENDED COVERAGE
WAK-251	ALLISON 3000 RDS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

(***) 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.

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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

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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	42.0

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

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June 13, 2023

City of Auburn Hills
1500 Brown Road, Auburn Hills, MI 48326
Attn: Jason Hefner, ph: (248) 520-1164
HQ0003714

Equipment Quotation

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

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

201 stainless steel construction
3/16" sides and ends, 44" high sides, 50" high tailgate
¼" longsills and auger trough
Rear discharge with dual 7", progressive flight, hard-surfaced augers
Motor with planetary gearbox on each auger, integral speed sensor in one motor
Double-acting tailgate, air latch and release cylinders in corner posts – NO feedgate
½ x 7-gauge cabshield, installed
Body mounted fender kit, installed – tandem fenders
Front and rear grease extension kits, installed
Heavy-duty top screen assembly, removable in one-piece, mild steel, powder Black
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
Stainless steel auger drizzle tube kit, bulk fill kit, flush kit
201 stainless steel enclosure mount for RDS
Tank kit, dual 150-gallon tanks with crossover kit, installed on fenders
Remote vent kit
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
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

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Spicer drive line with companion flange for easy removal

Low oil shutdown valve and override circuit

Rexroth 9m4-12 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

- Air section for wing plow

- 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

- 3/4" 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

- Tank labels

- All necessary hoses and fittings

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

Install Monroe 34" Hustung-type Hitch including the following:

- Mount at 38-39" pin height

- Tapered front bumper

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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 Monroe 9' Para-Glide Patrol Wing for tandem axle chassis including the following:

Moldboard inboard shall be 27" and outboard height to be 28"
Both inboard and outboard measurements include the 8" cutting edge installed
Moldboard shall be 3/16" A36 steel
Moldboard includes a 4" x 4" x ¾" bottom angle
Top of moldboard shall be formed into a 2-3/4" x 1" channel for additional strength
Para-Glide style wing post mounted behind the scraper
Wing post shall be of a trailing link style with 12" of lift and designed to allow the moldboard to float up a minimum of 8-12" when in the plowing position
Banjo plate includes captive design feature
Twin rear-mounted, cushioned push-arms with rear lift cylinder to operate the heel
Push-arms includes bolt-in design and grease zerks for ease of maintenance
Moldboard is powder-coated Orange
D-type rubber bumper stops
Safety chain at rear
5" x 7" rear crosstube for rear wing support
Sequencing valve with hoses and couplers
Install grease manifold kit for Para-Glide
Install stainless steel light box on the wing moldboard with a SoundOff nForce (mo. ENFSLSRV12)
amber/green flasher light pointed rearward and an LED marker light pointed forward
Install 36" Tribal Whip green LED light stick, mounted vertically (mo. 36WG)

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Install Monroe Air Blade, Standard, RH, Green (mo. 05042159)

5/8" x 8" x 108" reverse-curve steel cutting edge

Install two (2) cast-iron TTWS moldboard shoes

Install one (1) curved carbide curbguard (TTS part# 4191060)

Install LaserLine GL3000PMC Wing Plow Guidance Laser including the following:

Green "ultra-bright" laser assembly enclosed in weatherproof housing

Heated front window lens to reduce or eliminate icing

Pneumatic air blast mechanism for lens, blasting every 5 seconds

Control switch installed in-cab for laser on/off and air blast on/off

Laser assembly installed on roof of cab/exhaust assembly

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:

Two (2) SoundOff LED amber flashers mounted in top holes of the light boxes

Two (2) SoundOff LED stop/turn/tail lights mounted in 2nd holes of the light boxes

Two (2) SoundOff LED backup lights mounted in 3rd 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

One (1) Maxxima 4" LED work light mounted to illuminate wing

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

TRUCK & TRAILER *Specialties, Inc.*

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

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

Above installed & painted pricing: \$181,325.00 ea.

Option Install unpainted Galvanized Top Grates in lieu of Black painted Mild Steel Top Grates
Option add: \$1,281.00 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: 360-420 days 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: JULY 10, 2023

AGENDA ITEM NO 7c.

DEPARTMENT OF PUBLIC WORKS

To: Mayor and City Council
From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads
Submitted: July 3, 2023
Subject: Motion – Approve Purchase of Sixteen Replacement Vehicles

INTRODUCTION AND HISTORY

Since 2020, vehicle orders have been difficult to complete. The city has had orders cancelled, not accepted, and missed very small ordering windows; all due to a shortage of parts and a high demand for vehicles that grows each year that normal manufacturer production goals are not met. Also, due to the lack of parts being supplied across the industry, average new vehicle prices have climbed at near record rates over the last three years climbing 5.56% in 2021 and 11.07% in 2022, and 3.32% so far in 2023 (From 1998 - 2020, the average price for a new vehicle climbed a total of 1.79%). While the price of new vehicles has increased, the city has seen an increase in prices for the retired vehicles that are being auctioned as well. While order windows opening earlier than last year can be viewed as a step in the right direction, there is no guarantee that the windows will stay open any longer than they did last year (where some closed in as little as two weeks). Therefore, we are working to preorder as many of the vehicles that are due to be replaced in 2024 as early in the order windows as possible with the chance that they might be delivered in late 2023.

Budgeted within the 2023 and 2024 Fleet Operating Budgets is the replacement of the 16 vehicles included within the chart below.

Current Vehicle					New Vehicle			Budget Year	Price
Asset ID	Year	Make	Model	Mileage	Year	Make	Model		
D420	2012	RAM	2500	91,729	2024	RAM	3500 Chassis	2023	\$56,785
AP1517	2015	Jeep	Patriot	71,625	2024	Dodge	Durango	2023	\$40,693
								Total:	\$97,478

Current Vehicle					New Vehicle			Budget Year	Price
Asset ID	Year	Make	Model	Mileage	Year	Make	Model		
AP402	2014	RAM	1500	96,380	2024	RAM	1500	2024	\$46,105
AD1406	2014	RAM	1500	83,673	2024	RAM	1500	2024	\$45,860
AD1602	2016	Jeep	Cherokee	40,005	2024	RAM	1500	2024	\$45,860
D478	2014	RAM	2500	62,425	2024	RAM	2500	2024	\$50,162
D1510	2015	RAM	2500	90,412	2024	RAM	2500	2024	\$50,162
D1514	2014	RAM	5500 Crane	47,678	2024	RAM	5500 Chassis	2024	\$74,340
D1405	2015	RAM	2500	79,804	2024	RAM	5500 Chassis	2024	\$74,545
AP556	2019	Dodge	Charger	78,764	2024	Dodge	Durango	2024	\$44,193
AP557	2019	Dodge	Charger	88,357	2024	Dodge	Durango	2024	\$44,193
AP558	2019	Dodge	Charger	87,954	2024	Dodge	Durango	2024	\$44,193

AP559	2019	Dodge	Charger	74,759		2024	Dodge	Durango		2024	\$44,193
AP561	2019	Dodge	Charger	75,072		2024	Dodge	Durango		2024	\$44,193
AF1901	2019	Dodge	Durango	72,916		2024	Dodge	Durango		2024	\$40,693
AF215	2014	RAM	1500	57,897		2024	Dodge	Durango		2024	\$40,693
										Total:	\$689,385

While some of the replacements come in over the budget for the individual vehicle, the current budget line is under budget. The first RAM 1500 will be utilized by the Police Department's Detective Bureau while the rest of the RAM trucks will be utilized by the Department of Public Works. The 3500 Chassis Replacement was previously approved for purchase through Versalift Midwest as a fully built utility truck but Versalift couldn't find a chassis; they will still do the upfit portion of the previous approval. The Durangos are replacements for police patrol, police detective bureau, assistant fire chief, and fire command. Current electric vehicles on the market and the tasks asked of the current fleet were studied. At this time, the electric vehicles do not have the ability to run the continuous 24-hour shifts that are sometimes required with Police and DPW vehicles. The city has acquired and put into service a plug-in hybrid van for the community center, allowing extended range if needed while prioritizing usage of the battery. Other vehicles are slated to be purchased in the 2023 and 2024 budgets including 6 pickups for Community Development where we are also looking to utilize hybrids.

The sixteen new vehicles will be purchased under the MiDEAL contract #071B7700183 (State of Michigan contract) with LaFontaine Chrysler Dodge Jeep Ram FIAT of Lansing, MI, the total cost for the 2 vehicles in the 2023 budget is \$97,478.00 and the total cost for the 14 vehicles in the 2024 budget is \$689,385.00. All vehicles include a 3-year/ 36,000-mile bumper to bumper warranty and a 5-year/ 60,000-mile powertrain warranty. We have used cooperative bids throughout the years to purchase a variety of items that include vehicles, equipment, and road salt. The cooperative bids that are used most often are the State of Michigan MiDEAL, the Oakland County Cooperative, Sourcewell, and the Rochester Hills Consortium. These cooperative bids are based on larger volumes which result in lower prices, a high-quality contract, and meet the spirit of the Purchasing Ordinance. A budget amendment in the 2023 budget year is recommended for the entire purchase in case the vehicles are delivered before the end of the year; subsequent removal of these vehicles from the 2024 budget will happen upon approval of this memo.

STAFF RECOMMENDATION

Staff recommends amending the 2023 fleet vehicle budget (661-594-981.000) in the amount of \$689,385.00. Staff also recommends the approval to purchase the sixteen vehicles listed above \$786,863.00 from LaFontaine Chrysler Dodge Jeep Ram FIAT of Lansing, MI under the MiDEAL contract #071B7700183. Funding for the purchase is available via account number 661-594-981.000.

MOTION

Move to amend the 2023 fleet vehicle budget and approve the purchase of the sixteen vehicles listed above for \$786,863.00 from LaFontaine Chrysler Dodge Jeep Ram FIAT of Lansing, MI under the MiDEAL contract #071B7700183.

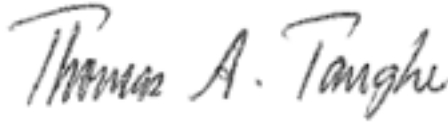
EXHIBITS

Exhibit 1 – Council

Exhibit 2 – Vehicle Quotes

CITY MANAGER'S NOTE: Staff is happy to provide further information on the final disposition of fleet vehicles. It is important to note that all the vehicles listed herein replace other vehicles and do not increase the size of the fleet. In some cases, "current vehicles" on the chart above will replace older, higher mileage, or higher operating cost vehicles with the current vehicle listed herein becoming the better vehicle. For example, the 2016 Jeep Cherokee with 40,005 miles on it will not be sold, it will replace an even older higher mileage fleet vehicle, and it is that older, higher mileage vehicle that will be sold.

I CONCUR:



THOMAS A. TANGHE, CITY MANAGER



CITY OF AUBURN HILLS

CITY COUNCIL AGENDA

MEETING DATE: AUGUST 8, 2022

AGENDA ITEM NO. 7B

DEPARTMENT OF PUBLIC WORKS

To: Mayor and City Council
From: Thomas A. Tanghe, City Manager; Jason Hefner, Manager of Fleet & Roads
Submitted: July 28, 2022
Subject: Motion – Approve the Purchase of a 2022 Promaster Van and 2022 Ram 3500 Utility Truck

INTRODUCTION AND HISTORY

Budgeted in the 2022 fleet vehicle budget is \$75,000 for the replacement of a 2013 Mercedes Sprinter van. As City Council may recall, this van was in an accident, totaled by the insurance company, and approved for replacement in 2021 (Exhibit 1). Because of the difficulty with parts that is plaguing the automotive industry, the order was not accepted by Chrysler when the dealer submitted it. Additionally, there is very limited government pricing for 2022 models with anticipation that 2023 models will also have limited government pricing. Our initial goal was to purchase the van and upfit it in-house with a bulkhead, but it was found that Versalift Midwest could supply the van and do the upfit, allowing us to acquire the van that we have been short. The shelving within will be reused from the Mercedes.

Also budgeted in the 2022 fleet vehicle budget is \$34,000 for the replacement of a 2012 Ram 2500 pick-up. This vehicle was reassigned from the roads division to the utilities division, requiring the use of many more tools and supplies. To better suit the needs of these tasks, a Ram 3500 cab and chassis with utility body will be purchased in its place. The steel bodies that have been purchased on these types of trucks have been seeing rusting develop within two years of purchase. A fiberglass body has been quoted for this vehicle to eliminate this issue. The total budget for these 2 vehicles is \$109,000.00 while the actual purchase price of both will be \$122,936.00. A budget amendment of \$13,936.00 will be needed for these purchases.

These vehicles will be purchased under the State of Michigan MiDEAL Contract #071B7700166 from Versalift Midwest, LLC in Shelby Township, Michigan. We have used cooperative bids throughout the years to purchase a variety of items that include vehicles, equipment, and road salt. The cooperative bids that are used most often are the State of Michigan MiDEAL, the Oakland County Cooperative, Sourcewell, and the Rochester Hills Consortium. These cooperative bids are based on larger volumes which result in lower prices, a high-quality contract, and meet the requirements of the Purchasing Ordinance.

STAFF RECOMMENDATION

Staff recommends amending fleet account number 661-594-981.000 by \$13,936 and approving the purchase of a Ram Promaster 3500 Cargo Van for \$51,596.00 and a RAM 3500 utility truck for \$71,440.00 totaling \$122,936.00. The purchase will be made with Versalift Midwest, LLC in Shelby Township, MI under the MiDEAL contract #071B7700166. Funding for the purchase will be made available via account number 661-594-981.000.

MOTION

Move to amend the 2022 fleet budget as above and approve the purchase of a Ram Promaster 3500 Cargo Van for \$51,596.00 and a RAM 3500 utility truck for \$71,440.00 totaling \$122,936.00 from Versalift Midwest, LLC in Shelby Township, MI under the MiDEAL contract #071B7700166.



VERSALIFT MIDWEST, LLC
51761 Danview Technology Ct.
Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N
=====

Quote No. J35054

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Page 1

Customer: 1496
CITY OF AUBURN HILLS
DEPARTMENT OF PUBLIC SERV
1500 BROWN ROAD
AUBURN HILLS, MI 48326

07/18/22: Quote Date
08/17/22: Expire Date
N30: Terms
: Delivery

Contact: JASON

Phone: 248-391-3777

Fax: 248-391-4895

MI-DEAL CONTRACT #071B7700166

FURNISH AND INSTALL:

- 1) 9' BRAND-FX SERVICE BODY
 - SINGLE REAR WHEEL 60" CAB TO AXLE
 - OVERALL WIDTH 82.75"
 - SIDE PACK DEPTH 15"
 - FLOOR WIDTH 48.75"
 - SIDE PACK HEIGHT 42"
 - FIBERGLASS BODY WITH ALUMINUM UNDERSTRUCTURE
 - STANDARD BRIGHT WHITE GELCOAT
 - SMOOTH ALUMINUM BULKHEAD
 - D-RING 3 POINT 304 STAINLESS STEEL LATCH
 - GAS PROP DOOR RETAINER ON VERTICAL COMPARTMENTS
 - NON SKID COMPARTMENT TOPS
 - FLIP TOP COMPARTMENTS BOTH SIDES
 - ALUMINUM ROCK GUARDS
 - LIGHT ADAPTOR FOR DODGE
 - FRONT COMPARTMENT ON BOTH SIDES PULLOUT DRAWER ON HEAVY DUTY SLIDERS
 - DIVIDERS FOR PULL OUT DRAWERS
 - STANDARD ADJUSTABLE SHELF IN ALL OTHER COMPARTMENTS
 - PRE-PUNCHED ALUMINUM CAB GUARD
 - PUSH/PULL ROD LOCK SYSTEM
 - FLEX GLO COMPARTMENT LIGHTING

- 1) TWO (2) LED REAR STROBES WIRED TO OEM AUX 1 SWITCH

- 1) CUSTOM REAR HITCH PACKAGE
 - D RINGS
 - 7 WIRE FLAT TRAILER PLUG
 - 2" RECIEVER TUBE

EQUIPMENT PRICE..... \$ 23,885.00

- 1) 2022 3500 REG CAB CHASSIS 4X4
(143.5 in WB - CA of 60 in)

*** CONTINUED NEXT PAGE ***



VERSALIFT MIDWEST, LLC
51761 Danview Technology Ct.
Shelby Twp, MI 48315
Ph: (586) 991-0054
Fx: (586) 991-0074

Q U O T A T I O N
=====

Quote No. J35054

STATE REG NO: F151568

DEALER LICENSE NUMBER: B6542

Page 2

Customer: 1496
CITY OF AUBURN HILLS
DEPARTMENT OF PUBLIC SERV
1500 BROWN ROAD
AUBURN HILLS, MI 48326

07/18/22: Quote Date
08/17/22: Expire Date
N30: Terms
: Delivery

Contact: JASON

Phone: 248-391-3777

Fax: 248-391-4895

6.4L V8 Heavy Duty HEMI Engine
8-Spd Auto 8HP75-LCV Transmission
Bright White Clear Coat
HD Vinyl 40/20/40 Split Bench Seat
Mopar Black Tubular Side Steps
Electrical Accessory Group

TOTAL CHASSIS PRICE..... \$ 47,555.00

TOTAL ABOVE..... \$ 71,440.00

THANK YOU,

CURT ANDERSON

QUOTE ACCEPTED AS AN ORDER_____DATE_____TRUCK INFO:_____

GOODS ARE SOLD ONLY WITH SUCH WARRANTIES AS MAY BE EXTENDED BY MANUFACTURER OF THE PRODUCT. WE MAKE NO OTHER WARRANTY &
THERE ARE NO IMPLIED WARRANTIES OF MERCHANTABILITY. SALES TAX NOT INCLUDED IN ABOVE PRICE.

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan		
2024 Ram 3500 Reg Cab Chassis 4x4 60" CA		\$56,595.00
27A	6.4L V8 Hemi	
PW7	Bright White	
TXX8	HD Vinyl 40/20/40 Split Bench Seats	
MRU	Black Tubular Side Steps	
XHC	Trailer Brake Control	
aADH	Electrical Accessory Group	
A61	Tradesman Level 1 Equipment Group	
XAC	ParkView Rear Back-up Camera	
XAW	Rear Backup Alarm	
Not to Exceed \$56785.00		
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X		
Total Cost:		\$56,785.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan		
2024 Dodge Durango Pursuit 4x4		\$39,198.00
2BZ	3.6L V6	
PSE	Triple Nickel	\$395.00
C5X9	Black Cloth Bucket Seats w/cloth rear seats	
WP1	18x8.0 Painted Aluminum Wheels	\$410.00
CUF	Full Length Floor console	\$350.00
CKD	Floor Carpet	\$150.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or		
vehicles X		
Total Cost:		\$40,693.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 6/23/2023

Quote # 062323

State of Michigan		
2024 Ram 1500 BigHorn Quad Cab 4x4		\$42,735.00
23A	3.6L V6	
PPX	Patriot Blue Pearl	\$245.00
E1X8	Black Cloth Bench Seat	
XHC	Trailer Brake Control	
CS7	Tri-Fold Tonneau Cover	\$695.00
AHC	Trailer Tow Group	\$2,240.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X		
Please note this quote is created using the Chrysler code guides, there may be additional requirements once orders are open		
Total Cost:		\$46,105.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 6/23/2023

Quote # 062323

State of Michigan		
2024 Ram 1500 BigHorn Quad Cab 4x4		\$42,735.00
23A	3.6L V6	
PW7	Bright White	
E1X8	Black Cloth Bench Seat	
XHC	Trailer Brake Control	
CS7	Tri-Fold Tonneau Cover	\$695.00
AHC	Trailer Tow Group	\$2,240.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X		
Please note this quote is created using the Chrysler code guides, there may be additional requirements once orders are open		
Total Cost:		\$45,860.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan		
2024 Ram 2500 Tradesman Crew Cab 4x4		\$48,537.00
2GA	6.4L V8 Hemi	
PW7	Bright White	
TXX8	HD Vinyl 40/20/40 Split Bench Seats	
XMF	Spray in Bedliner	\$600.00
XHC	Trailer Brake Control	\$395.00
XEA	Tow Hooks	\$100.00
LHL	Auxiliary Switches	\$145.00
A61	Tradesman Level 1 Equipment Group	\$195.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X		
Please note this quote is created using the Chrysler code guides, there may be additional requirements once orders are open		
Total Cost:		\$50,162.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan	
2024 Ram 5500 Reg Cab Chassis 4x4 60" CA	\$74,150.00
27A 6.4L V8 Hemi	
PW7 Bright White	
TXX8 HD Vinyl 40/20/40 Split Bench Seats	
MRU Black Tubular Side Steps	
XHC Trailer Brake Control	
aADH Electrical Accessory Group	
A61 Tradesman Level 1 Equipment Group	
XAC ParkView Rear Back-up Camera	
XAW Rear Backup Alarm	
Not to Exceed \$74340.00	
Note per contract delivery is available @ \$2.00 per one way mileage.	
95 x 2.00 = 190.00	\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X	
Total Cost:	\$74,340.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan	
2024 Ram 5500 Reg Cab Chassis 4x4 84" CA	\$74,355.00
27A 6.4L V8 Hemi	
PW7 Bright White	
TXX8 HD Vinyl 40/20/40 Split Bench Seats	
MRU Black Tubular Side Steps	
XHC Trailer Brake Control	
aADH Electrical Accessory Group	
A61 Tradesman Level 1 Equipment Group	
XAC ParkView Rear Back-up Camera	
XAW Rear Backup Alarm	
Not to Exceed \$74545.00	
Note per contract delivery is available @ \$2.00 per one way mileage.	
95 x 2.00 = 190.00	\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or vehicles X_____	
Total Cost:	\$74,545.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan		
2024 Dodge Durango Pursuit 4x4		\$39,198.00
22Z	5.7L V8 Hemi	\$3,115.00
PXJ	DB Black	
C5X9	Black Cloth Bucket Seats w/cloth rear seats	
CW6	deactivate Rear Doors/Windows	\$90.00
LNF	Black Left LED Spot Lamp	\$640.00
LNA	Black Right LED Spot Lamp	\$610.00
GXF	Entire Fleet Keys (FREQ 1)	\$350.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or		
vehicles X _____		
Total Cost:		\$44,193.00

Signed Michelle Deacon

LaFontaine CDJR-Lansing

6131 S. Pennsylvania Ave.

Lansing, MI 48911

517-394-1022-Direct

517-394-1205-Fax

mdeacon@lafontaine.com

Name: City of Auburn Hills

Address:

City: State MI

Contact: Jason Hefner

Phone: 248.364.6931

Email: jhefner@auburnhills.org

Date: 7/5/2023

Quote # 070523

State of Michigan		
2024 Dodge Durango Pursuit 4x4		\$39,198.00
2BZ	3.6L V6	
PRV	Octane Red	\$395.00
C5X9	Black Cloth Bucket Seats w/cloth rear seats	
WP1	18x8.0 Painted Aluminum Wheels	\$410.00
CUF	Full Length Floor console	\$350.00
CKD	Floor Carpet	\$150.00
Note per contract delivery is available @ \$2.00 per one way mileage.		
95 x 2.00 = 190.00		\$190.00
By signing here you are agreeing to the purchase agreement for stated vehicle or		
vehicles X _____		
Total Cost:		\$40,693.00

Signed Michelle Deacon



CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: JULY 10, 2023

AGENDA ITEM NO 13a.

13. CLOSED SESSION

No Electronic Information Available

MOTION

Move to meet in closed session to discuss Pending Litigation-FCA Auburn Hills Owner, LLC v. City of Auburn Hills, Michigan Tax Tribunal Docket No. 23-001782-TT, pursuant to MCL 15.268(1)(e) of the Open Meetings Act.



CITY OF AUBURN HILLS CITY COUNCIL AGENDA

MEETING DATE: JULY 10, 2023

AGENDA ITEM NO 13B

13. CLOSED SESSION

No Electronic Information Available

MOTION

Move to meet in closed session to discuss possible property acquisition, pursuant to MCL 15.268(1)(d) of the Open Meetings Act.

Consumers Energy

Count on Us®

ONE ENERGY PLAZA
JACKSON MI 49202

PRESORTED
FIRST CLASS MAIL
US POSTAGE PAID
CONSUMERS ENERGY CO

54
TR 1

STATE OF MICHIGAN
BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION
NOTICE OF HEARING
FOR THE ELECTRIC & GAS CUSTOMERS OF CONSUMERS
ENERGY COMPANY
CASE NO. U-21312

- Consumers Energy Company requests Michigan Public Service Commission's approval OF THE RECONCILIATION OF ITS Energy Waste Reduction costs, revenues, and revised surcharges for the 12-month period ended December 31, 2022.
- The information below describes how a person may participate in this case.
- You may call or write Consumers Energy Company, One Energy Plaza, Jackson, MI 49201, 517-788-0550 for a free copy of its application. Any person may review the documents at the offices of Consumers Energy Company or on the Commission's website at: michigan.gov/mpscdockets.
- A pre-hearing will be held:

DATE/TIME: Wednesday, July 12, 2023 at 9:00 AM

BEFORE: Administrative Law Judge Katherine Talbot

LOCATION: Video/Teleconferencing

PARTICIPATION: Any interested person may participate. Persons needing any assistance to participate should contact the Commission's Executive Secretary at (517) 284-8090, or by email at mpscdockets@michigan.gov in advance of the hearing

*****AUTO**ALL FOR AADC 480
Clerk, City of AUBURN HILLS
1827 N Squirrel Rd
Auburn Hills MI 48326-2749



The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider Consumers Energy Company's (Consumers Energy) May 31, 2023 application requesting the Commission to: 1) determine that Consumers Energy's 2022 Energy Waste Reduction (EWR) plan reconciliation is reasonable and prudent and meets all relevant requirements under Act 295; 2) approve the collection of a financial performance incentive payment for both the natural gas and electric EWR plan, the collection of which is to be completed by December 31, 2024, in order to comply with the requirements of ASC 980-605-25; 3) approve the EWR surcharge mechanism as proposed by Consumers Energy; 4) approve the credit excess totaling 177,991 MWh into Renewable Energy Credits in 2022 for use in meeting Consumers Energy's renewable energy requirements under Act 295; and 5) grant Consumers Energy other and further relief.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: 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. If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: 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 July 5, 2023. (Interested persons may elect to file using the traditional paper format.) The proof of service shall indicate service upon Consumers Energy Company's Legal Department – Regulatory Group, One Energy Plaza, Jackson, MI 49201.

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-21312. Statements may be emailed to: 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.

**THE MICHIGAN PUBLIC SERVICE COMMISSION MAY APPROVE,
REJECT, OR AMEND PROPOSALS MADE BY CONSUMERS ENERGY.**

2306-C

Legislation approving carpool lanes on I-75 passes state House

Carpool or HOV lanes one step closer to enactment



Construction on I-75 is expected to wrap up in the fall. A portion of the modernized expressway may include a lane in each direction that is designated for vehicles carrying more than one occupant. Stephen Frye/MediaNews Group.

By **ANNE RUNKLE** | arunkle@medianewsgroup.com | The Oakland Press
June 29, 2023 at 5:01 a.m.

The addition of carpool or high-occupancy vehicle lanes on a stretch of I-75 in Oakland County is one step closer to becoming reality.

Legislation to create one HOV lane in each direction of I-75 between 12 Mile and South Boulevard passed the Michigan House of Representatives Tuesday, June 27.

The HOV lanes would be in effect between 6-9 a.m. and 3-6 p.m. Monday through Friday. Motorists would be required to have at least one other occupant in the vehicle with them. Signage would alert them to the HOV lanes in effect.

State Rep. Sharon MacDonell, D-Troy, was a sponsor of House Bill 4353, which will go to the state Senate when the Legislature reconvenes in the fall.

"I'm happy to see this bill pass the House," MacDonell said in a statement. "This bill will help reduce pollution in our state and help limit excess noise by encouraging Michiganders to carpool, reducing the number of vehicles on our highways at a time. This legislation will make highway driving more efficient and mobility in Michigan smoother."

The Michigan Department of Transportation is proposing the HOV lanes for the stretch of I-75 in Troy, Madison Heights, Bloomfield Township and Auburn Hills.

MDOT expects substantial completion by early fall on a multi-year renovation of I-75 that added a northbound and southbound lane between Eight Mile Road and South Boulevard. That brought the total number of lanes to four in each direction.

No HOV lanes will be added between Eight Mile and 12 Mile roads.

North of 12 Mile, the four lanes will all serve motorists traveling alone except during the proposed HOV hours.

The legislation creating HOV lanes "satisfies the conditions of a federal grant given to MDOT for last decade's I-75 modernization project," MacDonell's statement said.

If not for the legislation, MDOT would owe the federal government \$40 million for the construction of the additional lanes, said MDOT spokesman Rob Morosi.

Motorists traveling alone could be fined if they are in the carpool lanes during the HOV hours.

Morosi said local police and courts would receive briefings on the new HOV lanes before they go into effect.

He said HOV lanes are popular in other states, particularly on the East Coast.

He acknowledged they have created some controversy in other states, as drivers have argued that dogs or even mannequins in the car count as additional occupants.

"We're referring to human occupants," he said with a laugh.

He said that in an effort to encourage carpooling, special parking lots are being built along I-75.

A carpool lot at Adams Road and I-75 is complete and two are under construction at 12 Mile and I-75, one on the northbound side and one southbound.

Public comment period open for Michigan high-speed internet grants

Projects include sites in Oakland County



An wi-fi router and internet modem, both of which contribute to reliable, high-speed internet (Mark Cavitt/The Oakland Press)

By **PEG MCNICHOL** | pmcnichol@medianewsgroup.com |

PUBLISHED: June 22, 2023 at 5:12 a.m. | UPDATED: June 22, 2023 at 10:12 a.m.

A 45-day public comment period is open for a list of high-speed internet grant applications to the state. The grants are intended to get high-speed internet to 106,000 homes, businesses and institutions throughout the state.

The Michigan High-Speed Internet Office's initial recommendations are for spending \$238 million in federal dollars as grants through the Realizing Opportunity with Broadband Infrastructure Networks (ROBIN).

ROBIN's steering committee reviewed 154 applications from 40 applicants and 24 projects developed by 11 applicants. The proposals are in 44 of Michigan's 83 counties. The only one affecting Oakland County is an ATT project addressing more than 3,300 locations including places in Clarkston, Farmington, Farmington Hills, Lake Orion, Novi, Pontiac, Auburn Hills, Waterford, Keego Harbor, Southfield, Troy, Walled Lake and Commerce Township.

The value of the 24 proposed projects is an estimated \$578 million – the 11 applicants are committing more than \$311 million in matching funds.

The initial grant recommendations aren't a guarantee of awards. Decisions depend of results of the 45-day comment and objection window. Anyone can file a comment on or object to one or more of the recommendations.

To file a comment or objection and view a list of initial grant awardees, scoring criteria, and proposed grant location maps, visit the MIHI website listed below.

The final list will be approved in August, after the 45-day comment and objection period, which ends Aug. 4, according to the state's website. To review the list of project details and comment, visit <https://www.michigan.gov/leo/bureaus-agencies/mihi/funding-opportunities/robin-grant>.

People can email questions about the program to: LEO-MIHighSpeedInternet@michigan.gov.

Royal Oak restaurant among first certified in reducing food waste for sustainability



Chef Johnny Propolec, owner of the Alchemi and Johnny's Speakeasy at 215 S. Main Street in Royal Oak, says his restaurants now measure every bit of food waste each day and no longer send any waste food to landfills because of its massive effect on the environment (Alchemi Facebook page photo)

By **MIKE MCCONNELL** | mmcconnell@medianewsgroup.com | The Oakland Press
July 3, 2023 at 7:28 a.m.

Chef Johnny Propolec – owner of Alchemi and Johnny's Speakeasy on Main Street in Royal Oak – has a new policy that he says is good for business and the environment.

"We measure every ounce of food waste we have every day," Propolec said. "It's part of a sustainability program. In six months we've saved 12,000 pounds of CO2 from going into the atmosphere."

Food waste is either composted or repurposed. Propolec so far has saved 1.5 percent on food-related costs at his restaurants at 215 S. Main Street, and expects those savings to increase.

On Monday, he and his staff gathered to celebrate their global Silver Level certification in THE PLEDGE on Food Waste, an international effort aimed at reducing food waste.

Five other restaurants in the region were similarly recognized with certifications for their sustainability efforts: Three dining halls managed by Chartwells at Oakland University in Auburn Hills, Sylvan Table in Sylvan Lake, and Folk in Detroit. All seven restaurants no longer send any food to landfills.

THE PLEDGE program was brought to the region by the Detroit-based nonprofit Make Food Not Waste with financial aid from the federal EPA Region 5, covering Michigan and five other states. Danielle Todd, founder and executive director of MFNW, said all seven of the food purveyors recognized went through a program for several months that led to their certification.

"They are the first in the U.S.," Todd said. "The PLEDGE program includes auditing and verification of reductions in food waste by a third party."

It covers 95 criteria and changes measured for restaurants that are awarded certifications in reducing food waste. The program has been in place for four years and made certifications in cities in Europe and Asia.



All food at the restaurants is either repurposed or composted on site. (Johnny Propolec photo)

MFNW operates two kitchens in Detroit for those experiencing food insecurity and makes 2,000 to 4,000 meals a week.

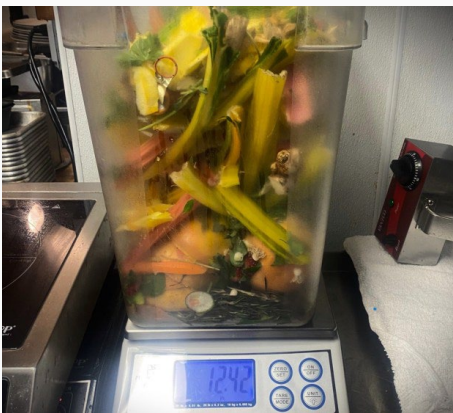
"We are focused on reducing food waste in restaurants and households," Todd said. "We felt it was important to bring (THE PLEDGE) to the U.S. because there are environmental and financial benefits."

The top three streams of food waste at Prepolec's restaurants were lemons, steak trimmings and rice. Instead of going to landfills, lemon rinds are used for cleaning, steak trimmings for meatballs, and leftover rice became an ingredient in a new dish, Spanish rice croquetas.

"It's been a great team effort and we feel like we are taking a leadership role in the sustainability movement," Prepolec said.

Food loss and waste also contributes to the "climate change crisis with its significant greenhouse gas footprint. Production, transportation, and handling of food generate significant Carbon Dioxide (CO2) emissions and when food ends up in landfills, it generates methane, an even more potent greenhouse gas," according to the U.S. Department of Agriculture.

The EPA estimates food loss and waste can contribute a level of greenhouse gas emissions equivalent to the CO2 emissions from 42 coal-fired power plants.



This machine weighs any food waste at the Alchemi and Johnny's Speakeasy restaurants in Royal Oak. (Johnny Prepolec photo)

Citing statistics from Recycle Track Systems, and governmental agencies, MFNW's website says Americans throw away 40 percent of the food we grow, while households account for 37 percent of wasted food and consumer-facing businesses generate 28 percent.

Prepolc said his employees have embraced the effort to reduce food waste and its impact on the environment.

His general manager, Craig Kuhlmann, agreed in a statement for MFNW.

"This really should be the standard and will be the standard for any good kitchen," Khulmann said.

Todd said restaurants interested in joining THE PLEDGE can sign up at makefoodnotwaste.org.

Tuition increase and room and board rate freeze in new OU budget

Safety measures also being install on campus buildings



File photo (Stephen Frye / MediaNews Group)

By **MATTHEW FAHR** | mfahr@medianewsgroup.com | The Oakland Press
PUBLISHED: June 30, 2023 at 2:40 p.m. | UPDATED: June 30, 2023 at 5:44 p.m.

Students at Oakland University will pay more for classes this fall but will earn more working around campus.

Both measures were included in a new \$291 million budget approved this week by OU's trustees.

"This year's balanced budget includes a fiscally responsible 4.5 percent tuition increase and reflects sound fiscal management, ensuring that a college education remains affordable and accessible," said OU President Ora Hirsch Pescovitz.

The tuition increases will apply to all undergraduate, graduate and doctoral students. Medical school tuition is also increasing, though not as high.

- Tuition for full-time in-state undergraduate freshman will average \$15,225, an increase of \$21.75 per credit hour.
- Full-time graduate in-state tuition will average \$20,916– Full-time doctoral in-state tuition will average \$14,028.
- Tuition for medical school students will average \$59,096, an increase of 2%

The budget also increases the minimum wage from \$10.10 an hour to \$15 for undergraduate campus employees and master's graduate assistants, and to \$25 for doctoral graduate assistants.

"Another pride point from this year's budget is that we will be able to offer \$54.48 million in financial aid to our students when you combine state and institutional funding," said Hirsch Pescovitz. "That represents a discount on initial tuition costs by about 38%. It is also worth noting that nearly 77 percent of OU students receive some form of financial aid to offset their tuition costs."

In April, the trustees approved the university housing budget, which kept room and board rates the same without an increase.

The housing budget included a \$500 reduction for standard residence double occupancy rooms. The change is a 4.6% reduction and will be available to both incoming and returning students in OU's residence halls.

A recent review of campus safety led to \$655,000 in safety enhancements being made on campus.

The enhancements include the addition of access control equipment to exterior doors of Kresge Library, Campus Recreation Center and Oakland Center student union, as well as complete access control of Hamlin Hall and Vandenberg Hall.

"As a campus, we have responded to the many financial challenges, managed the necessary expense reductions and have remained focused on our mission, vision and values to make Oakland University the 'University of Choice' in our region," said Hirsch Pescovitz.