



# TROY CITY COUNCIL

## REGULAR MEETING AGENDA

**AUGUST 22, 2022**

CONVENING AT 7:30 P.M.

**Submitted By  
The City Manager**

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***NOTICE: Persons with disabilities needing accommodations for effective participation in this meeting should contact the City Clerk at (248) 524-3316 or via e-mail at [clerk@troymi.gov](mailto:clerk@troymi.gov) at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.***

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500 West Big Beaver  
Troy, MI 48084  
troymi.gov

The Honorable Mayor and City Council Members

City of Troy  
500 West Big Beaver  
Troy, MI 48084

Dear Mayor and City Council Members:

In this packet, you will find the agenda for the City Council meeting. To help facilitate an informed discussion, the packet provides you with agenda items and additional details. The packet also contains recommended courses of action for your consideration and seeks to aid you in adopting sound policy decisions for the City of Troy.

This comprehensive agenda has been put together through the collaborative efforts of management and staff members. We have made all attempts to obtain accurate supporting information. It is the result of many meetings and much deliberation, and I would like to thank the staff for their efforts.

If you need any further information, staff is always available to provide more information and answer questions that may arise. You can contact me at [CityManager@troymi.gov](mailto:CityManager@troymi.gov) or 248.524.3330 with questions.

Respectfully,

Mark F. Miller,  
City Manager




## Chapter 14A – Elected and Appointed Persons' Ethics Ordinance Section 14.3 Annual Training and Acknowledgement

We, the undersigned Members of Troy City Council, have reviewed *Chapter 14A – Elected and Appointed Persons' Ethics Ordinance*, understand its contents, and agree to be bound by its provisions.

Signed this 8<sup>th</sup> day of November, 2021.

  
\_\_\_\_\_  
Mayor Ethan Baker

  
\_\_\_\_\_  
Council Member Edna Abraham

  
\_\_\_\_\_  
Council Member Theresa Brooks

  
\_\_\_\_\_  
Council Member Rebecca Chamberlain-Creanga

  
\_\_\_\_\_  
Mayor Pro Tem Ann Erickson Gault

  
\_\_\_\_\_  
Council Member David Hamilton

  
\_\_\_\_\_  
Council Member Ellen Hodorek





# CITY COUNCIL AGENDA

August 22, 2022 – 7:30 PM

City Council Chambers

500 W. Big Beaver Rd.

Troy, MI 48084

(248) 524-3316

View the Meeting Live at: [www.troymi.gov/webcast](http://www.troymi.gov/webcast)

or on Local Access Cable Channels

(WOW – Ch 10, Comcast – Ch 17, AT&T – Ch 99)

**INVOCATION:** 1

**PLEDGE OF ALLEGIANCE:** 1

**A. CALL TO ORDER:** 1

**B. ROLL CALL:** 1

**C. CERTIFICATES OF RECOGNITION AND SPECIAL PRESENTATIONS:** 1

C-1 No Certificates of Recognition and Special Presentations 1

**D. CARRYOVER ITEMS:** 1

D-1 No Carryover Items 1

**E. PUBLIC HEARINGS:** 1

E-1 No Public Hearings 1

**F. PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:** 1

**G. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:** 2

**H. POSTPONED ITEMS:** 2

H-1 No Postponed Items 2

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I-3	No Closed Session Requested	11
I-4	Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Troy Civic Center Pavilion – Design Development, Construction Documents, and Bidding Assistance ( <i>Introduced by: Kurt Bovensiepe, Public Works Director</i> )	12
I-5	Budget Amendment and Standard Purchasing Resolution 4: OMNIA Partners Cooperative Purchasing Contract – Multi-Modal Transit Center, City Hall and Library Closed-Circuit Monitoring Equipment and Installation and Additional Access Control Devices ( <i>Introduced by: Dennis Trantham, Facilities and Grounds Operations Manager</i> )	12

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J-3	Proposed City of Troy Proclamations:	13
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J-4	Standard Purchasing Resolutions:	13
	a) Standard Purchasing Resolution 4: Oakland County Cooperative Purchasing Contract – DPW Grounds Maintenance Garage Exterior Repairs .....	13
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J-6	Fireworks Permit for Saint Joseph Chaldean Catholic Church 2022	14
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K-1	Announcement of Public Hearings: None Submitted	14
K-2	Memorandums (Items submitted to City Council that may require consideration at some future point in time): None Submitted	14
<b><u>L.</u></b>	<b><u>PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:</u></b>	<b>15</b>
<b><u>M.</u></b>	<b><u>CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:</u></b>	<b>15</b>
<b><u>N.</u></b>	<b><u>COUNCIL REFERRALS:</u></b>	<b>15</b>
N-1	No Council Referrals Submitted	15
<b><u>O.</u></b>	<b><u>REPORTS:</u></b>	<b>15</b>
O-1	Minutes – Boards and Committees: None Submitted	15
O-2	Department Reports: None Submitted	15
O-3	Letters of Appreciation: None Submitted	15
O-4	Proposed Proclamations/Resolutions from Other Organizations: None Submitted	15
O-5	Notice of Hearing for the Gas Customers of Consumers Energy Company – Case No. U-21062	15
<b><u>P.</u></b>	<b><u>COUNCIL COMMENTS:</u></b>	<b>15</b>
P-1	No Council Comments	15
<b><u>Q.</u></b>	<b><u>PUBLIC COMMENT FOR ITEMS ON OR NOT ON THE AGENDA FROM MEMBERS OF THE PUBLIC OUTSIDE OF TROY (NOT RESIDENTS OF TROY AND NOT FROM TROY BUSINESSES):</u></b>	<b>15</b>

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R-1     No Closed Session 15

**S.     ADJOURNMENT:** **15**

**2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:** **16**

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October 3, 2022   Future Budget Planning..... 16  
November 19, 2022   City of Troy Advance ..... 16

**2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:** **16**

September 12, 2022   Regular Meeting ..... 16  
September 19, 2022   Regular Meeting ..... 16  
October 3, 2022   Regular Meeting ..... 16  
October 24, 2022   Regular Meeting ..... 16  
November 14, 2022   Regular Meeting ..... 16  
November 21, 2022   Regular Meeting ..... 16  
December 5, 2022   Regular Meeting ..... 16  
December 12, 2022   Regular Meeting ..... 16

**INVOCATION:****PLEDGE OF ALLEGIANCE:****A. CALL TO ORDER:****B. ROLL CALL:**

- a) Mayor Ethan Baker  
Edna Abraham  
Theresa Brooks  
Rebecca A. Chamberlain-Creanga  
Ann Erickson Gault  
David Hamilton  
Ellen Hodorek

Excuse Absent Council Members:

Suggested Resolution

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That Troy City Council hereby **EXCUSES** the absence of \_\_\_\_\_ at the Special City Council and Regular City Council Meetings of August 22, 2022, due to \_\_\_\_\_.

Yes:

No:

**C. CERTIFICATES OF RECOGNITION AND SPECIAL PRESENTATIONS:**

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**C-1** No Certificates of Recognition and Special Presentations

**D. CARRYOVER ITEMS:**

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**D-1** No Carryover Items

**E. PUBLIC HEARINGS:**

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**E-1** No Public Hearings

**F. PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**

**In accordance with the Rules of Procedure for the City Council:**

Any person not a member of the City Council may address the Council with recognition of the Chair, after clearly stating the nature of his/her inquiry or comment. **NOTE TO THE PUBLIC:**

*City Council requests that if you do have a question or concern, to bring it to the attention of the appropriate department(s) whenever possible. If you feel that the matter has not been resolved satisfactorily, you are encouraged to bring it to the attention of the City Manager, and if still not resolved satisfactorily, to the Mayor and Council.*

- Petitioners of items that are included in the pre-printed agenda booklet shall be given a fifteen (15) minute presentation time that may be extended with the majority consent of City Council.
- Any member of the public, not a petitioner of an item, shall be allowed to speak for up to three (3) minutes to address any Public Hearing item.
- Any member of the public, not a petitioner of an item, does not have the right to engage in discussion or debate with City Council during the Public Comment portions of the meeting.
- All members of the public who wish to address the Council at a meeting shall be allowed to speak only if they have signed up to speak within thirty minutes before or within fifteen minutes after the meeting's start time. Signing up to speak requires each speaker provide his or her name. If the speaker is addressing an item(s) that appears on the pre-printed agenda, then the speaker shall also identify each such agenda item number(s) to be addressed.
- City Council may waive the requirements of this section by a consensus of the City Council.
- Agenda items that are related to topics where there is significant public input anticipated should initiate the scheduling of a special meeting for that specific purpose.

Prior to Public Comment, the Mayor may provide a verbal notification of the rules of decorum for City Council meetings or refer to the pre-printed agenda booklet, which will include the following language, as approved by City Council:

Please direct your comments to the City Council as a whole rather than to any individual. Please do not use expletives or make derogatory or disparaging comments about any individual or group. If you do, there may be immediate consequences, including being muted and having your comments omitted from any re-broadcast of the meeting. Please abide by these rules in order to minimize the possibility of disrupting the meeting.

## **G. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**

### **H. POSTPONED ITEMS:**

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**H-1 No Postponed Items**

### **I. REGULAR BUSINESS:**

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**I-1 Board and Committee Appointments: a) Mayoral Appointments – None; b) City Council Appointments – None**

**a) Mayoral Appointments: None**

**b) City Council Appointments: None**

**I-2 Board and Committee Nominations: a) Mayoral Nominations – Brownfield Redevelopment Authority, Downtown Development Authority, Global Troy Advisory Committee, Local Development Finance Authority, Volunteer Firefighter Incentive Plan Board; b) City Council Nominations – Historic District Commission, Parks & Recreation Board, Traffic Committee**

**a) Mayoral Nominations:**

Suggested Resolution

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That the Mayor of the City of Troy hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

**Brownfield Redevelopment Authority**

Appointed by Mayor

6 Regular Members

3 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 2
Beyer	Joseph	10/26/2022	4/30/2024	
Gottlieb	Steven	11/24/2016	4/30/2022	
Kornacki	Rosemary	12/14/2022	4/30/2023	
Noguez-Ortiz	Carolina	12/19/2019	4/30/2023	BRA exp 4/30/2023; GTAC exp 10/30/2022
Sweidan	Rami	4/28/2022	4/30/2023	
Vassallo	Joseph	3/27/2020	4/30/2024	

**Nominations to the Brownfield Redevelopment Authority:**

**Term Expires: 4/30/2025**

Term currently held by: Steven Gottlieb

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 2
Chanda	Hirak	12/30/2022	HDC exp 5/15/2024
Garmo	Kathleen	6/17/2024	
Marrero-Laureano	Alexander	10/26/2022	
McGerty	Ryan	9/18/2022	
Rahman	Mahfuzur	9/25/2022	

Swaminathan	Abi	11/22/2023	
Voglesong	Cheryl	1/10/2024	
von Oeyen	Schuyler	7/20/2022	

**Downtown Development Authority**

Appointed by Mayor  
13 Regular Members  
4 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 2
Baker	Ethan		11/13/2023	At Large	City Council exp. 11/13/23
Blair	Timothy	6/17/2017	9/30/2023	In District	
Garmo	Kathleen	6/17/2024	9/30/2022	In District	
Keisling	Laurence	9/11/2022	9/30/2024	At Large	
Kiriluk	Alan	9/29/2022	9/30/2024	In District	
Knollenberg	Martin	6/28/2021	9/30/2023	In District	
Koza	Kenny	9/18/2019	9/30/2025	In District	
MacLeish	Daniel	6/28/2023	9/30/2025	In District	
Reschke	Ernest	7/5/2024	9/30/2022	At Large	
Schroeder	Douglas	9/10/2020	9/30/2022	At Large	No Reappointment
Stone	David	3/11/2023	9/30/2023	In District	
Tomcsik-Husak	Tara	9/22/2022	3/30/2024	In District	
Vacancy			9/30/2024	In District	Cheryl Bush resigned 9/22/21

**Nominations to the Downtown Development Authority:****Unexpired Term Expiring:**  
**9/30/2024**

Term currently held by: Vacancy-Cheryl Bush resigned 9/22/21

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1	Notes 2
Beyer	Joseph	10/26/2022	In District	
Forster	Jeffrey	3/23/2023	At Large	Personnel Bd exp 4/30/24
Goetz	John	3/4/2023	At Large	



Kornacki	Rosemary	12/14/2022	At Large	Brownfield Redev Auth exp 4/30/23
Schick	Michael	12/22/2022	At Large	
Sekhri	Suneel	11/5/2023	At Large	
Sekhri	Arun	9/24/2022	At Large	
Thattai	Govindrajan	5/20/2024	At Large	Parks & Rec Bd exp 9/30/22
Vassallo	Joseph	3/4/2023	At Large	Brownfield Redev Auth exp 4/30/24
von Oeyen	Schuyler	7/20/2022	At Large	

### Global Troy Advisory Committee

Appointed by Mayor  
12 Regular Members  
3 Year Term

#### **Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1
Baker	Ethan			Council Member
Bica-Grodsky	Lisa	9/23/2022	10/30/2023	
Burrus	MiVida	7/15/2018	10/30/2022	
Chezick	Edward		10/30/2022	
Fakhoury	Awni	4/28/2018	10/30/2024	Requests Reappointment
Liu	Allison	10/1/2022	7/31/2022	Student
Mohideen	Syeda	8/24/2020	10/30/2024	Requests Reappointment
Natcheva	Daniela	11/8/2021	10/30/2022	
Noguez-Ortiz	Carolina	12/19/2019	10/30/2022	Brownfield Redev Auth exp 4/30/23
Sekhri	Suneel	12/20/2021	10/30/2024	
Swaminathan	Sharanya		7/31/2022	Student
Vacancy			10/30/2023	Rebecca Chamberlain-Creanga resigned 2/26/20
Vacancy			10/30/2023	Cathleen Francois requested No Reappointment
Zhou	Yudong	10/23/2021	10/30/2022	

#### **Nominations to the Global Troy Advisory Authority:**

**Term Expires: 7/31/2023**

**Student**

Term currently held by: Allison Liu

**Term Expires: 7/31/2023****Student**

Term currently held by: Sharanya Swaminathan

**Term Expires: 10/30/2023**

Term currently held by: Vacancy–Rebecca Chamberlain-Creanga resigned 2/26/20

**Term Expires: 10/30/2023**

Term currently held by: Vacancy – Cathleen Francois - No Reappointment

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1
Cicchini	Philippe	4/13/2023	
Emerson	Rosalyn	7/20/2024	
Faiz	Iqbal	12/4/2022	
MacDonell	Sharon	4/13/2023	
Marrero-Laureano	Alexander	10/26/2022	
McGee	Timothy	3/2/2023	
Rahman	Mahfuzur	9/24/2022	
Swaminathan	Abi	11/22/2023	
Sweidan	Rami	3/2/2023	
Wit	Callie	4/22/2024	

**Local Development Finance Authority (LDFA)**

Appointed by Mayor  
5 Regular Members  
Staggered 4 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 2
Bachert	Sandra	11/18/2023	6/30/2023	Resident Member	
Baker	Ethan		11/13/2023	Alternate; City Council	City Council exp. 11/13/23; DDA; GTAC, LDFA
Beltramini	Robin	7/17/2021	6/30/2022	Resident Member	No Reappointment
Hodorek	Ellen		City Council Term	Alternate; City Council	City Council exp 11/10/2025
Starks	Louis			Oakland County Designee	

Vacancy			6/30/2024	Resident Member	David Shield's term exp 6/30/16 - No Reappointment
Vacancy			6/30/2024	Resident Member	John Sharp resigned 11/1/19; Term exp 6/30/20.
Vacancy			6/30/2023	Resident Member	Nickolas Vitale resigned 7/17/21

**Nominations to the Local Development Finance Authority (LDFA):****Unexpired Term Expiring:  
6/30/2023****Resident Member**

Term currently held by: Vacant – N. Vitale resigned 7/17/21

**Term Expires: 6/30/2024****Resident Member**

Term currently held by: Vacant– D. Shields–No Reappointment

**Term Expires: 6/30/2024****Resident Member**

Term currently held by: Vacant – J. Sharp resigned 11/1/19

**Term Expires: 6/30/2026****Resident Member**

Term currently held by: Robin Beltramini – No Reappointment

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1
Mudaliar	Vinodh Kumar	3/2/2024	
Rahman	Mahfuzur	9/24/2022	
Schick	Michael	12/22/2022	
Vassallo	Joseph	3/4/2023	Brownfield Redev Auth exp 4/30/24

**Volunteer Firefighter Incentive Plan Board**Appointed by **Mayor**/City Council

7 Regular Members

3 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1
Brooks	Theresa		11/13/2023	City Council Term exp 11/13/2023
Foster	John	2/12/2022	12/31/2022	Retiree Representative
Kniffen	Charles	2/24/2022	12/31/2022	Active Volunteer Firefighter
Maleszyk	Robert		12/31/2099	ERS/RHCBP&T; VFIP
Miller	Mark F.		12/31/2099	BCBA; ERS/RHCBP&T; VFIP

Rosenblum	Anthony	2/28/2021	4/30/2022	Citizen (Mayor Appointed)
Soriano	Al		12/31/2022	Active Volunteer Firefighter

**Nominations to the Volunteer Firefighter Incentive Plan Board:****Term Expires: 4/30/2025****Citizen (Mayor Appt'd)**

Term currently held by: Anthony Rosenblum

**Interested Applicants:**

No interested applicants on file.

Yes:

No:

**b) City Council Nominations:****Suggested Resolution**

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That Troy City Council hereby **FORWARDS** the following nominated person(s) to serve on the Boards and Committees as indicated to the next Regular City Council Meeting for action:

**Historic District Commission**

Appointed by Council

7 Regular Members

3 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 3
Adams	John Howard	3/8/2023	5/15/2024		
Chambers	Barbara	12/5/2021	3/1/2023	HC Recommendation	
Chanda	Hirak	3/22/2023	5/15/2024		
Dicker	Susanne Forbes	8/15/2022	3/1/2023		
McGee	Timothy S	3/23/2020	5/15/2024		
Petrulis	Al	12/16/2021	3/1/2023	ACAB exp 9/30/2024; Traffic Comm. exp 1/31/2023; HDC exp 3/1/2023	
Voigt	W. Kent	11/18/2023	3/1/2022	HC Recommendation	Requests Reappointment

**Nominations to the Historic District Commission:****Term Expires: 3/1/2025**

Term currently held by: W. Kent Voigt

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1
Cicchini	Philippe	4/13/2023	
Emerson	Rosalyn	7/20/2024	
Jennings	Janet	8/12/2022	
MacDonell	Sharon	4/13/2023	

**Parks and Recreation Board**

Appointed by Council

7 Regular Members and 1 Troy School Board of Education Representative  
 Regular Member: 3 Year Term / Troy School Board Member: 1 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Date	Appointment Expire	Notes 1	Notes 3
Brady	Pamela	4/20/2024	9/9/2019	9/30/2022		
Brady	Michael	10/4/2020	10/11/2021	9/30/2024		
Colussi	Casey	8/20/2022	9/21/2020	9/30/2023		
Fulcher	Timothy	5/17/2024	10/11/2021	7/31/2022	Troy School Bd of Education Rep.	Requests Reappointment
Goul	Brian			12/31/2099		
Martin	Kelly	7/11/2021	9/21/2020	9/30/2023		
Patel	Hitesh	6/8/2024	10/11/2021	9/30/2022		
Sahu	Akshitha	9/28/2022	10/11/2021	7/31/2022	Graduates 2023	
Shepherd	John Chuck	7/19/2023	10/11/2021	9/30/2024		
Thattai	Govindrajan	5/20/2024	5/10/2021	9/30/2022		

**Nominations to the Parks and Recreation Board:****Term Expires: 7/31/2023****Troy School Board of Education Rep.**

Term currently held by: Timothy Fulcher

**Term Expires: 7/31/2023****Student**

Term currently held by: Akshitha Sahu

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1	Notes 2
Aggarwal	Deepti	6/10/2023	Student – Graduates 2023	
Buechner	Toby	3/22/2023		Charter Rev. Comm. exp 4/30/2024
Cicchini	Philippe	4/13/2023		
Dicker	Susanne Forbes	8/15/2022		Hist. Dist. Comm. exp 3/1/2023
Emerson	Rosalyn	7/20/2024		
Faiz	Iqbal	12/4/2022		
Forster	Jeffrey D.	3/22/2023		Personnel Bd. exp 4/30/2024
Fox	Tyler A.	6/15/2024		
Frederick	Mary M.	4/28/2023		
Gill	Jasper	1/10/2024		
Hoef	Paul V.	12/14/2022		Local Dev. Finance Auth. exp 6/30/2023
Kaltsounis	Andrew	12/10/2021		Liquor Adv. Comm exp 1/31/2022
McGee	Timothy	3/2/2023		Hist. Dist. Comm exp 5/15/2024
Mudaliar	Vinodh Kumar	3/2/2024		
Shah	Aanya	11/30/2023	Student – Graduates 2024	
Snyder	Margaret	9/28/2023		
Voglesong	Cheryl	1/10/2024		
von Oeyen	Schuyler	7/20/2022		

**Traffic Committee**

Appointed by Council  
7 Regular Members  
3 Year Term

**Current Members:**

Last Name	First Name	App Res Expire	Appointment Expire	Notes 1	Notes 3
Huotari	William		Ex-Officio Member		

Kilmer	Richard	1/9/2019	1/31/2023		
Koralewski	Tyler	11/12/2023	7/31/2022	Student – Graduates 2022	
Nastasi	Frank		Ex-Officio Member		
Nurak	Cindy	1/16/2021	1/31/2025		
Petrulis	Al	12/16/2021	1/31/2023		
Hullinger	Peter		Ex-Officio Member		
Sivaraman	Sunil	12/22/2020	1/31/2022		Requests Reappointment
Swaminathan	Abi	3/6/2022	1/31/2024		
Wilsher	Cynthia	1/18/2020	1/31/2024		
Ziegenfelder	Peter	12/4/2021	1/31/2023		

**Nominations to the Traffic Committee:****Term Expires: 7/31/2023****Student**

Term currently held by: Tyler Koralewski

**Term Expires: 1/31/2025**

Term currently held by: Sunil Sivaraman

**Interested Applicants:**

Last Name	First Name	App Resume Expire	Notes 1
Abdullah	Nehar	2/3/2023	
Chanda	Hirak	12/30/2022	Hist. Dist. Comm. exp 5/15/2024
Eisenbacher	David	4/6/2024	
Gill	Jasper	1/10/2024	
MacDonell	Sharon	4/13/2023	
Rose	Justin	11/5/2023	
Sahu	Akshitha	9/28/2022	Student - Graduates 2023
Shah	Aanya	11/30/2023	Student - Graduates 2024

Yes:

No:

**I-3 No Closed Session Requested**

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**I-4 Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Troy Civic Center Pavilion – Design Development, Construction Documents, and Bidding Assistance (Introduced by: Kurt Bovensiepe, Public Works Director)**

Suggested Resolution

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That Troy City Council hereby **APPROVES** to expend budgeted Capital funds to *OHM Advisors, of Livonia, MI*, for the Design Development, Construction Documents, and Bidding Assistance of Troy Civic Center Pavilion and Ice-Skating Facility as presented for a total estimated cost of \$297,000, not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon vendor's submission of properly executed contract documents, including insurance certificates and all other specified requirements.

Yes:

No:

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**I-5 Budget Amendment and Standard Purchasing Resolution 4: OMNIA Partners Cooperative Purchasing Contract – Multi-Modal Transit Center, City Hall and Library Closed-Circuit Monitoring Equipment and Installation and Additional Access Control Devices (Introduced by: Dennis Trantham, Facilities and Grounds Operations Manager)**

Suggested Resolution

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to furnish and install upgrades and additional devices to the closed-circuit monitoring equipment and access control devices at the Multi-Modal Transit Center, City Hall and Library to *Wadsworth Solutions of Southgate, MI*, based on the OMNIA Partners Cooperative Purchasing Contract #R220703 for an estimated total of \$212,655, not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract for annual service/maintenance to *Wadsworth Solutions* for an estimated total of \$105,600, not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That Troy City Council hereby **APPROVES** a budget amendment in the amount of \$80,000 to the Multi-Modal Transit Center Capital Fund.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon contractor's submission of properly executed contract documents, including insurance certificates and all other specified requirements.



Yes:

No:

## **J. CONSENT AGENDA:**

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### **J-1a Approval of “J” Items NOT Removed for Discussion**

Suggested Resolution

Resolution #2022-08-

Moved by

Seconded by

RESOLVED, That Troy City Council hereby **APPROVES** all items on the Consent Agenda as presented with the exception of Item(s) \_\_\_\_\_, which shall be **CONSIDERED** after Consent Agenda (J) items, as printed.

Yes:

No:

---

### **J-1b Address of “J” Items Removed for Discussion by City Council**

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### **J-2 Approval of City Council Minutes**

Suggested Resolution

Resolution #2022-08-

RESOLVED, That Troy City Council hereby **APPROVES** the following Minutes as submitted:

- a) Special City Council Minutes-Draft – August 15, 2022
- b) City Council Minutes-Draft – August 15, 2022

---

### **J-3 Proposed City of Troy Proclamations:**

Suggested Resolution

Resolution #2022-08-

- a) Proclamation Celebrating Atharva Dharphale, Zachary Balcoff, and Alicia Wang for Winning Top Honors in the 2022 Oakland County Finance Literacy Art Contest

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### **J-4 Standard Purchasing Resolutions:**

- a) **Standard Purchasing Resolution 4: Oakland County Cooperative Purchasing Contract – DPW Grounds Maintenance Garage Exterior Repairs**

Suggested Resolution

Resolution #2022-08-

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *National Restoration of Milford, MI*, for the DPW Grounds Maintenance Garage Exterior Repairs for an estimated total amount of \$15,500 per the Oakland County Cooperative Purchasing Contract #005106, not to exceed budgetary limitations.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, insurance certificates and all other specified requirements.

---

#### **J-5    Fireworks Permit for Troy Family Daze 2022**

Suggested Resolution  
Resolution #2022-08-

RESOLVED, That Troy City Council hereby **ISSUES** a fireworks permit to *Great Lakes Fireworks, LLC of Eastpointe, Michigan*, for the public display of fireworks during the annual Troy Family Daze Festival; fireworks to be discharged, on Saturday, September 17, 2022; and a rain date of Sunday, September 18, 2022.

BE IT FURTHER RESOLVED, That the Troy Fire Department **WILL INSPECT** the fireworks to be displayed in advance, and **WILL ALSO REVIEW** the proposed discharge location(s) and site, and **MAY TAKE ANY ACTION** to assure safety and compliance with applicable codes and standards for such a fireworks display.

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#### **J-6    Fireworks Permit for Saint Joseph Chaldean Catholic Church 2022**

Suggested Resolution  
Resolution #2022-08-

RESOLVED, That Troy City Council hereby **ISSUES** a fireworks permit to *Saint Joseph Chaldean Church of Troy, Michigan*, for the public display of fireworks during the annual Feast of the Cross, which is a catholic holy day; fireworks to be discharged, on Wednesday, September 14, 2022, from 8:00PM to 8:20PM.

BE IT FURTHER RESOLVED, That the Troy Fire Department **WILL INSPECT** the fireworks to be displayed in advance, and **WILL ALSO REVIEW** the proposed discharge location(s) and site, and **MAY TAKE ACTION** to assure safety and compliance with applicable codes and standards for such a fireworks display.

### **K.    MEMORANDUMS AND FUTURE COUNCIL AGENDA ITEMS:**

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**K-1    Announcement of Public Hearings: None Submitted**

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**K-2    Memorandums (Items submitted to City Council that may require consideration at some future point in time): None Submitted**

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**L. PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:****M. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:****N. COUNCIL REFERRALS:**

Items Advanced to the City Manager by the Mayor and City Council Members for Placement on the Agenda

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**N-1** No Council Referrals Submitted

**O. REPORTS:**

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**O-1** Minutes – Boards and Committees: None Submitted

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**O-2** Department Reports: None Submitted

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**O-3** Letters of Appreciation: None Submitted

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**O-4** Proposed Proclamations/Resolutions from Other Organizations: None Submitted

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**O-5** Notice of Hearing for the Gas Customers of Consumers Energy Company – Case No. U-21062

**P. COUNCIL COMMENTS:**

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**P-1** No Council Comments

**Q. PUBLIC COMMENT FOR ITEMS ON OR NOT ON THE AGENDA FROM MEMBERS OF THE PUBLIC OUTSIDE OF TROY (NOT RESIDENTS OF TROY AND NOT FROM TROY BUSINESSES):****R. CLOSED SESSION**

---

**R-1** No Closed Session

**S. ADJOURNMENT:**

Respectfully submitted,



Mark F. Miller  
City Manager

**2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:**

September 12, 2022..... Future Budget Planning  
October 3, 2022..... Future Budget Planning  
November 19, 2022..... City of Troy Advance

**2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:**

September 12, 2022..... Regular Meeting  
September 19, 2022..... Regular Meeting  
October 3, 2022..... Regular Meeting  
October 24, 2022..... Regular Meeting  
November 14, 2022..... Regular Meeting  
November 21, 2022..... Regular Meeting  
December 5, 2022..... Regular Meeting  
December 12, 2022..... Regular Meeting



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

I-04

## CITY COUNCIL AGENDA ITEM

Date: August 22, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Robert C. Maleszyk, Chief Financial Officer  
Dee Ann Irby, Controller  
Kurt Bovensiep, Public Works Director  
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Troy Civic Center Pavilion- Design Development, Construction Documents, and Bidding Assistance (Introduced by: Kurt Bovensiep)

---

### **History**

In response to the community's desires for Civic Center improvements that continue the public's use and desires for winter recreational opportunities, City Council approved a contract with OHM Advisors to begin the Schematic Design of a large pavilion and outdoor ice-skating amenity located at the corner of Civic Center Drive and Town Center Drive, which will be an extension of the Jeanne M. Stine Community Park (RESOLUTION #2022-05-067). During the regular City Council meeting on May 9, 2022, City Council was presented with concepts for the pavilion and ice-skating ribbon. The approved contract with OHM Advisors for Schematic Design built upon the concept for a more refined design. An addition to the refined design, the process also offered an opportunity to better prepare a cost opinion for the entire project.

The Schematic Design Narrative is attached to the memo and highlights the project overview, design goals, analysis of applicable codes and zoning, site and infrastructure requirements, landscaping, and architectural including the necessary trades.

The Opinion of Cost prepared by OHM Advisors is also attached to the memo and further refines the costs by item and provides the best available information of costs at the time it was prepared. Cost prediction continues to be difficult and very fluid. However, after reviewing the opinion with City Staff there is consensus that it fully represents the project accurately. It should also be noted that both OHM Advisors and City Staff have attempted to value engineer the project to present a project that satisfies the project goals and meets the needs of the community. Recognizing that the Opinion of Cost exceeds the total approved budget of \$6 million we will not know the total impact to the budget until the project is bid and at that time a budget amendment would be requested.

### **Purchasing**

The current contract for engineering and design services with OHM Advisors was renewed by City Council on May 23, 2022 (Resolution #2022-05-071-J-4b). Under the current contract pricing, OHM proposes a fee for Design Development of \$135,000, Construction Documents of \$148,000, and Bidding Assistance of \$14,000 for a total fee of \$297,000.



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## **CITY COUNCIL AGENDA ITEM**

### **Financial**

Funds are budgeted in the Capital Fund- Parks Development- Land Improvements Stine Community Park and the associated Project Number of 2022CG0004. Expenditures will be charged to 401.751.770.7974.095.

### **Recommendation**

City Management recommends granting the authority to expend budgeted capital funds to *OHM Advisors, of Livonia, MI*, for the Design Development, Construction Documents, and Bidding Assistance of Troy Civic Center Pavilion and Ice-Skating Facility for an estimated total cost of \$297,000 but not to exceed budgetary limitations.

**Troy Civic Center Pavilion**  
Troy, Michigan

**Schematic Design Narrative**

August 2022





---

## Project Team

### Client

#### City of Troy

4693 Rochester Road  
Troy, MI 48085  
p: 248.524.3392  
Kurt Bovensiepe, Public Works Director

Site/Civil Engineering,  
Landscape Architecture,  
Architecture, Interior Design,  
Structural Engineering

#### OHM Advisors

34000 Plymouth Road  
Livonia, MI 48150  
p: 734.522.6711  
Christopher Ozog

Mechanical, Plumbing,  
Electrical Engineering, and  
Specialty Lighting

#### Peter Basso Associates

5145 Livernois Rd., Suite 100  
Troy, MI 48098  
p: 248.879.5666  
Carmen DiCicco

### Building Technologies

#### Commtech Design

6581 Belding Rd., Suite 101  
Rockford, MI 49341  
p: 616.863.8132  
Bret Emerson



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## **Table of Contents**

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### **Basis of Design Cut Sheets**

SD\_Architectural-CS  
SD\_Accessories-CS  
SD\_Mechanical-CS  
SD\_Plumbing-CS

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***Exhibit #1 - 2022 0802\_Final SD Drawing Set***  
***Exhibit #2 - 2022 0801\_Schematic Design\_Summary***

August 2022

## Project Overview

Currently, there are no buildings on the project site, which is bound by Town Center Drive and Civic Center Drive to the North and West, with wetlands to the East and South. The new development proposes construction of a new 5,000-sf open-air community pavilion, 700-sf utility building for storage of Zamboni and general site equipment, and adjacent 600-sf screened outdoor mechanical space. This design includes complete site and landscape improvements to existing conditions, including an 8,500-sf outdoor skating rink, open public spaces, seating areas and pathways, streambank restoration, culvert and vehicular drop off area.

The applied design basis for this project of 'Consistency through Nature' continues and extends the language of recent City developments into their Civic Center Campus by providing a central community gathering area capable of hosting a variety of events through all four seasons, meeting residents' aspirations.

The intent of this narrative will be to provide a general description of the proposed systems for each aspect of this design. This document is intended to convey overall intent based on currently available information for the purposes of developing an estimated cost of construction. The information contained herein will continue to be refined and developed as the design process continues to progress.



August 2022

## **Project Design Goals**

1. Continue momentum from the Town Center Drive Public Space.
2. Meet community desires.
3. Expand space for larger events and activities.
4. Create connections to surrounding trails, open spaces and recreation facilities.
5. Activate the space through all four seasons.



August 2022

## Code Analysis Summary

### Applicable Codes

2015 Michigan Building Code  
 2015 Michigan Mechanical Code  
 2018 Michigan Plumbing Code  
 2015 Michigan Energy Code (incorporating 2013 ASHRAE 90.1 Energy Standard)  
 2017 Michigan Electrical Code (incorporating 2017 NFPA 70 National Electrical Code)  
 2015 International Fire Code  
 2012 NFPA 101  
 2009 ICC/ANSI A-117.1 Accessible and Usable Buildings and Facilities  
 2010 Michigan Barrier Free Design  
 2010 Americans with Disabilities Act Accessible Guidelines (ADAAG)

### Occupancy Classification

Mixed Use  
 Group A-5, Assembly  
 Group B, Business (non-separated mixed use)  
 Group U, Utility (non-separated mixed use)

### Construction Type

Automatic Sprinkler System

Type V-B, unprotected  
 Sprinkler System Provided Throughout: Building 'B' Only

### Building Height

Building 'A': Varies, HP = 23'-2" , LP = 14'-0"  
 Building 'B': Varies, HP = 17'-0" , LP = 12'-0"

### Building Area

Building 'A': Enclosed: 2,545 sq. ft.  
 Open: 3,225 sq. ft.

Building 'B': Enclosed: 672 sq. ft.  
 Open: 600 sq. ft.

Allowable Floor Area

Allowable Height

Unlimited; B: 9,000 SF; S-2: 13,500 SF  
 40'-0"

### Maximum Travel Distance

200'- 0", non-sprinklered, Mixed Use Assembly occupancy

### Climate Zone

[Table B1-1] 5A: Nonresidential, Prescriptive

### Plumbing Fixture Calculations

Classification / Occupancy

**A-5, Assembly** [Table 403.1]

Outdoor municipal venue not larger than 3,000 spectators

Total Occupants: 300

#### Men

WC	[1 per 125]	2 Required	3 Provided
LAV	[1 per 200]	1 Required	1 Provided

#### Women

WC	[1 per 65]	3 Required	3 Provided
LAV	[1 per 150]	1 Required	2 Provided

#### Other

#### Drinking Fountains

		1 Service Sink	1 Provided
	[1 per 1,000]	1 Required	1 Provided



August 2022

## Site Work

The intent of this narrative is to provide a general overview of the proposed site improvements necessary to construct the proposed Troy Civil Center Pavilion on the site at Town Center Drive and Civic Center Drive in the City of Troy, Michigan. As the design is currently schematic in nature, this information is based upon the current best available information regarding existing conditions, current requirements of authorities having jurisdiction, and design intent for the structure itself. This information is likely to evolve as the design process progresses.

### EXISTING CONDITIONS AND DEMOLITION

The site is on the Southeastern side of the intersection of Town Center Drive and Civic Center Drive. Currently, the site is covered mostly with lawn and prairie cover with some trees distributed along the site. Vegetation within the streams is composed of trees, understory shrubs and wetland vegetation. Other than a sculpture, there is no building or structure in the site. Lane drain and a stream drain crosses Civic Center Drive and Town Center Drive with 54" and a 48" culverts, respectively.

There are several Troy Daze electrical conduits on-site that will be required to be disconnected and removed. The overhead electrical and communications line will have to be relocated by DTE and Comcast to clear the conflict with the pavilion. Selective clearing will be required along the streams. The existing sculpture will have to be transferred by the contractor to a new location for storage. Limited pavement and sidewalk demolition will be required for the construction of the improvements described in this narrative.

### SITE GRADING AND DRAINAGE

Except for the streams, the site elevation is approximately between 680' and 681'. The highest elevation of the site is at the center at 681' and slopes towards the perimeter of the site at approximately two percent slope. The bottom of the streams are at approximately 673' elevation with an average of twenty-five percent side slopes.

It is anticipated that the pavilion final floor elevation will be 681'. The ice rink and the zamboni building final floor elevation will be 680'. To construct the drop off area and the plaza in the northeast corner of the property, approximately 55' of stream will be required to be filled and the existing 48" culvert beneath Town Center Drive will need to be extended.

Although part of the site will sheet flow toward the streams, the site will require the installation of storm sewer pipes and structures to route the rain garden overflow and the stormwater of some of the areas to the streams. It is anticipated water detention will not be needed on the site.

August 2022

## **SITE UTILITIES**

### **Site Electrical**

The site will be powered underground from the existing electric rack located on the north side of Town Center Drive.

### **Site Sanitary**

Sanitary sewer service will be provided on-site via a connection to the existing 12" sanitary main running along the south side of Town Center Drive.

### **Domestic**

Domestic water is proposed to be obtained from an existing 12" main running along the north side of Town Center Drive.

### **Gas**

Gas service will be provided on-site via a connection to the existing 2" gas main running along the north side of Town Center Drive. Connection location will be coordinated with the provider during the DD phase.

### **Communications**

Communication facilities will be brought underground from an existing pole or underground box along on the south side of Town Center Drive. Connection location will be coordinated with the provider during the DD phase.

## **END OF SITE WORK SECTION**

August 2022

# Landscaping

The intent of this narrative is to provide a general overview of the proposed landscape site improvements necessary to construct the Troy Pavilion, a 1.6 acre park in the City of Troy, Michigan. The predominant concept of the design is *"Consistency through Nature."* The material selections, overall design and supportive amenities will reinforce this theme. Below is a breakdown of the landscape site improvements:

## SITE PLANTINGS AND VEGETATION

Most of the proposed site outside of the building structure, rink and hardscape materials will be ornamental planting beds with complimentary deciduous, coniferous, and ornamental trees, as well as a diverse palette of shrubs, ornamental grasses, perennials, and groundcover. The types of plantings will vary depending upon the site location, with some areas requiring visibility while other areas will be more of a screening application.

### Trees, Planting Beds, Restoration Areas

1. Approximately 55 evergreen *and/or* deciduous trees on-site, 3" caliper or 15' height for multi-stems.
2. Approximately 21 ornamental trees proposed, at 12' height.
3. Approximately 4,680 SF of seeded turfgrass lawn area proposed. (Between sidewalk and back of curb.)
4. Approximately 20,800 SF of ornamental planting beds proposed (combination of rain garden beds and planting beds.)
  - a. 12" of Planting Mix
  - b. 3" of Mulch
5. Approximately 6,300 SF of streambank restoration (seed mix, plug plantings)
  - a. 6" of planting mix
  - b. Erosion Control Blankets
6. Approximately 10,700 SF of streambank restoration (50% of area with 2-3" caliper trees, the rest tree whips, seed mix and plug plantings)
  - a. 6" of planting mix
  - b. Erosion Control Blankets

## SITE HARDSCAPE/GROUNDPLANE

The proposed site hardscape features several different pavement applications.

### Standard Concrete:

1. Adjacent to Civic Center Drive and Town Center Drive, both roadways will have 5' sidewalks with adjacent 4-8' wide tree lawns areas between the sidewalk and back of curb. This will be standard concrete. The total amount of standard concrete in these locations is approximately 3,600 SF.
2. Within the project site, there will be standard concrete applications on the ice rink as well as in plaza areas and pathways. The total amount of standard concrete in these locations is approximately 16,900 SF.

### Decorative Concrete:

1. Adjacent to the pavilion, there will be approximately 7,740 SF of decorative concrete. We anticipate this being integral color concrete, with texture applied. This also includes a decorative and stamped concrete application on the proposed culvert near the SE corner of the site.
  - a. An alternate in this area to the integral color concrete could be clay or concrete pavers.



August 2022

**Nature Trail:**

1. Nature trails exist on-site that wind through planting beds. These trails are anticipated to be either shredded hardwood bark mulch or decomposed granite, with an aggregate base. The total SF of these nature trails (mulch pathway) is 600 SF.

**SITE FURNISHINGS AND AMENITIES**

The site furnishings will complement the site and offer amenities that make the pedestrian experience a comfortable and unique one. There is a need for ample seating throughout the site. The design also involves custom features (2 fire pits) that will be focal points of plaza areas and act as warming stations in the winter months. Some of the complimentary site furnishings that will help bolster the site design include the following:

1. Entrance Signage, Stone Decorative Engraving; 3-4' height, 2 EA
2. Benches, 6' length, 322 EA
3. Bollards, powder coated
4. Ledge stone Benches (4-6' wide natural seating opportunities)
5. Litter Receptacles, 4 EA
6. Recycle receptacles, 4 EA
7. Seat Walls, 18" height with stone veneer, 120 LF
8. Fire Pits, 6' diameter, 2 EA
9. Decorative Fencing (Curved), 65 LF
10. Boulders/stones (for stream restoration)
11. Rain Chains on Building 'A' (Pavilion), 2 EA
12. Rain Chains on Building 'B' (Utility), 1 EA
13. Rainwater cistern to capture runoff from Pavilion and use to irrigate plant material, 1 for pavilion
14. Decorative powder coated aluminum or steel railings on top of culvert (210 LF)

**END OF LANDSCAPING SECTION**

August 2022

# Architectural

## Foundations

Foundations (ref: structural section): Foundations will incorporate continuous perimeter dampproofing/waterproofing along exterior, with protection board, drainage mats, and foundation drains locations TBD. Foundation drainage system will be backfilled with granular base.

## Slab on Grade

Concrete Slab: Concrete slab on grade will contain 2" rigid continuous insulation at the outside perimeter (R-15 minimum, 2'-0" width) of slab edges and will incorporate a continuous vapor barrier (15 mil).

## Exterior Walls

### Building 'A' (Pavilion)

Exterior Wall Assembly 1 (12" CMU): Pre-insulated, single-wythe concrete masonry wall system with 3-1/2" inserts (R-12 min.), integral water repellent within block and mortar and post-applied sealant; cores grouted solid below grade.

Design basis: Concrete Products Group HI-R-H

CMU 01: Smooth Face, both sides, color TBD

CMU 02 (accent): Split Face exterior, Smooth Face interior, color TBD

Exterior Wall Assembly 2 (TBD): Non-load bearing Cold Formed Metal Studs framed structure with exterior finish TBD, located above Exterior Wall Assembly 1 at 10'-0" AFF to underside of roof deck.

Column Piers (Concrete): 24"x14"x24"H concrete piers with 4" CMU applied finish to match selected Exterior Walls finish) - Located at 22 glulam columns, reference Sheet A-101 Building Plans.

### Building 'B' (Utility)

Exterior Walls (12" CMU): Pre-insulated, single-wythe concrete masonry wall system with 3-1/2" inserts (R-12 min.), integral water repellent within block and mortar and post-applied sealant; cores grouted solid below grade.

Design basis: Concrete Products Group HI-R-H

CMU 01: Smooth Face, both sides, color TBD

CMU 02 (accent): Split Face exterior, Smooth Face interior, color TBD

---

## Exterior Doors

Overhead Sectional Doors (2 at Building 'B') Aluminum door and frames 12'-0"W x 12'-0"H; Dark bronze finish. Basis of Design: TBD.

FRP/Aluminum Hybrid Door and frames, insulated. Doors and frames with 4" heads, Dark bronze finish. Basis of Design Special-Lite SL-20.

August 2022

**Exterior Transaction Windows**

Pre-finished Aluminum Framed Windows: 1  $\frac{3}{4}$ " x 4" prefinished aluminum frame, dual pane  $\frac{3}{4}$ " clear insulated tempered glazing, horizontal sliding.

Basis of Design:

Window 'A':	Ready-Access 650, 2-Service Opening Window - Rental/Transaction 101
Window 'B':	Ready-Access 275, Flush-mount Pass-Thru Window - Concessions 107

**Roof Coverings**

Standing Seam Metal Roofing: The design intent is to maintain a 2/12 slope at Building 'A' (Pavilion) and 2.5/12 slope at Building 'B' (Utility). Standing Seam Metal roofing assembly with minimum R-30 insulation will be utilized on all roofs for the development (Design basis: TBD).

---

**Interior Partitions**

Interior Walls: All interior walls will be constructed of decorative masonry. Demising and Restroom walls to have no less than STC rating of 50.

**Interior Doors**

FRP/Aluminum Hybrid Door and frames, insulated. Doors and frames with 4" heads, Dark bronze finish. Basis of Design Special-Lite SL-20.

**Door Hardware**

Public Restroom Doors: TBD

Restricted Access Doors: TBD - Located at Janitor's Closet 106 of Building 'A'.

Secured Access: TBD - Located at Office 102, Concessions 107, Equipment Storage 109 of Building 'A', and Storage 201 of Building 'B'. Refer to Building Technology plans for locations

---

**Exterior Surface Finishes**

Building 'A' (Pavilion): Provide removeable exterior permeable rubber tile surface to be applied during winter months, covering approximately 4,200 SF. Basis of Design: TBD

Exterior concrete to follow Landscape narrative finishing.

**Interior Floor Finishes**

Exposed Concrete:

Interior Floors: Storage room and offices, sealed.

Restrooms and kitchenette, epoxy floor.

August 2022

**Ceiling Finishes**

Exposed ceiling in open areas at great hall and circulation spaces to be tongue and groove wood siding.

Gypsum Board: Moisture resistant, painted — Located at Restrooms.

Lay-in Ceiling: standard acoustical tiles in Offices and Storage Rooms, and Ceramic coated acoustical tile in kitchenette

Exposed to deck: Mechanical rooms

---

**Accessories****Public Bathrooms**

4" decorative CMU full-height wall dividers and FRP/Aluminum Hybrid Doors and Frames within Restroom at all locations.

Automated Paper Towel Dispenser – Design basis: GP Pro Georgia Pacific LLC, 59447A

Soap Dispenser – Design basis: GOJO LTX-12

Toilet Tissues Dispenser – Design basis: Bobrick B-2892

Sanitary Napkin Disposal – Design basis: Bobrick B-254

Grab Bars – Design basis: ADA Grab Bars

18" Bar: Bobrick B-6806x18

36" Bar: Bobrick B-6806x36

42" Bar: Bobrick B-6806x42

Mirror – Design basis: Bobrick B-290 2436

Mirror Clips – Design basis: TBD

Baby/Adult Changing Station – Design basis: Koala Kare KB3000

Coat Hooks – Design basis: Bobrick B-6827

Waste Receptacle – Design basis: Bobrick B-277

**Janitor's Closet**

Utility Shelf and Hooks – Design basis: Bobrick B-239

---

**Millwork****Secure Areas**

Rental/Transaction

Countertops – 16'L x 24"D, Solid Surface Countertop with 6 lineal feet of PLAM Base Cabinets

Design basis: TBD

Workbench – Design basis: TBD

Open-Shelf Storage – Refer to 'Specialty Conditions' section below.

Office

Worksurface/Workstation – Design basis: TBD

Storage – Design basis: TBD

August 2022

Public Areas

**Restroom**

Countertops – Design basis: Wilsonart, Solid Surface (Quartz), color Calm White (Q6016)

**Concessions**

Countertops – 12' x 24"D, Solid Surface Countertop with 6 lineal feet of PLAM Base Cabinets

Design basis: TBD

Storage – Design basis: TBD

Provide allowance for signage at Building 'A' (Pavilion) exterior for public Restrooms.

**Exterior Seating:**

Covered Walk 100: 21'-0" L x 24"D Seatwall, with 2" cast stone seat with concealed brackets

Great Hall 151: 28'-0" L x 22"D Seatwall with 2" cast stone seat on decorative CMU base with built-in storage cubbies (1 location)

12'-6" L x 22"D Seatwall with 2" cast stone seat on decorative CMU base with built-in storage cubbies (2 locations)

---

**Specialty Conditions**

There is a dedicated repair/maintenance/work area within Rental/Transaction Room 101, located at the northeast corner of Building "A" (Pavilion). This space should be able to house 100 ice skates within open storage shelving unit and accommodate central workbench repair area.

**END OF ARCHITECTURAL SECTION**

August 2022

## Structural

### Building 'A' (Pavilion) - Design Loads (as outlined by ASCE 7-10)

Risk Category	II
Live Load (Roof)	20 PSF
Snow Load	25 PSF
Wind Load	115 MPH
Seismic Design Category	B
Geotechnical Report	See attached

### Building 'A' (Pavilion) - Superstructure

Wood-framed post and beam system utilizing 14"x 19.5" glulam beams and tapered glulam columns (24"x14" at base to 12"x14" at roof) to support the 7.5" thick cross laminated timber or 8 1/4" Structural Insulated Panel roof deck. The roof will have a 2/12 monoslope with the peak on the south side of the building. The glulam columns will sit on 2ft tall concrete piers.

The pavilion walls will be constructed with 12" insulated single wythe CMU to 10ft, and cold-formed metal frame 2x6 walls will extend up to the underside of the roof deck. The CFMF wall assemblies will be sheathed with treated plywood on the exterior face and drywall sheathing on the interior. Interior partitions will be decorative 8" CMU (4" where indicated) up to 10ft. R Refer to Architectural plans.

### Building 'A' (Pavilion) - Foundation

The pavilion columns will be supported by 24"x14" concrete piers on 4'x4'x18" spread footings. The bottom of the footings will extend 4ft below grade for frost protection.

The load bearing pavilion walls will be supported by a 12" concrete foundation wall and 24"x12" spread footing. The North and South foundation walls will have four through drains and the East and West foundation walls two through drains, to alleviate differential pressures on the foundation walls. A perforated drain tile will go around the perimeter of the pavilion foundations at footing elevation. These will connect to the storm system or daylight to grade.

The non-load bearing CMU pavilion walls will sit on thickened slab regions within the slab on grade.

The slab on grade is anticipated to be 4" thick reinforced with welded wire fabric with control joints, on vapor barrier over an approved granular base. The slab on grade will have a perforated drain tile around its perimeter draining to daylight.

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**Building 'B' (Utility) - Design Loads** (as outlined by ASCE 7-10)

Risk Category	II
Live Load (Roof)	20 PSF
Snow Load	25 PSF
Wind Load	115 MPH
Seismic Design Category	B
Geotechnical Report	See attached

**Building 'B' (Utility) - Superstructure**

Wood framed roof system using 9 ½" Wood I-Joists at a 3/12 monoslope with ply-wood sheathing and intermediate blocking. I-Joists will bear on 12" insulated CMU walls. The north and south walls are anticipated to be the load bearing walls, non-load bearing and bearing walls will have the same construction.

The roof will be insulated between the joist spaces.

**Building 'B' (Utility) - Foundation**

The utility building will sit on spread footings that extend 4ft below grade for frost protection and the interior slab on grade is anticipated to be 4" thick with welded wire fabric reinforcement. The slab will require minimum two control joints and will sit on a vapor barrier over an approved granular base and contain 1 floor drain.

**Screen Wall - Foundation and Slab**

Screen wall support will be provided by 6x6 treated timber posts. Each individual post will be embedded within 14" wide x 48" deep concrete footings. Exterior rink equipment will rest on a 4" slab on grade, reinforced with welded wire fabric, located on an 18" wide x 4' deep perimeter grade beam. Below the slab on grade and on the inside face of the grade beam, there will be a layer of insulation.

Pads for equipment will be separated from the slab on grade and the thickness will be 6" (depending on equipment selection).

5x5 HSS tubes with a cap are acceptable as a potential alternate to the 6x6 treated timber posts. Acceptance to be reviewed by the architect if proposed.

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**Culvert - Design Loads** (as outlined by AASHTO)

*Ground Snow Load	25 PSF
Vehicle Live Load	AASHTO H-20 Truck
Pedestrian Live Load	90 PSF (not concurrent with Vehicle live load)
Seismic Design Category	B
Wind Load	20 PSF (MIN)
Geotechnical Report	See attached

\* Ground snow load is not included as a load case in the AASHTO Bridge Design Manual –the AASHTO code assumes that all snow will be plowed from the bridge surface. The project team is including a snow load case on this project, in addition the typical AASHTO requirements, due to the intended use for the surrounding park area.

**Culvert - Superstructure**

27ft span x 6.25ft rise x 14ft run aluminum box culvert, full invert. Culvert will have 13ft long concrete wingwalls and 3ft tall concrete headwalls, both with decorative concrete faces. Culvert anticipated to have 2.5ft cover with guardrails attached to the headwalls, and a decorative concrete or paver path over the top.

Design of culvert is a delegated design submittal to be reviewed by the Engineer of Record during construction.

**Culvert - Foundation**

The full invert aluminum box culvert will have a bury depth of 1.5ft to allow for a natural stream bottom and to protect from scour. The culvert will sit on a 1.5' thick stable well graded granular bedding. Granular bedding shall meet the requirements of AASHTO M 145 for soil classifications. Backfill will be placed symmetrically on each side of the structure in 8" uncompacted lifts, each lift will then be compacted to a minimum 90% density per AASHTO T 180.

Riprap will also be placed around the inlet and outlet of the culvert to protect the wingwalls and culvert base from scour.

**END OF STRUCTURAL SECTION**



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# Mechanical

## Systems:

### Outdoor Conditions

Summer	90.3 F DB
	74.0 F WB
Winter	2.1 F DB
	0% RH
Condensing Units	95 F DB
	78 F WB

Notes:

1. Outdoor design conditions based on 2021 ASHRAE fundamentals climatic design data.

### Indoor Conditions

Rooms	Summer °F	Winter °F	Humidification
Toilet Room	75 F DB	72 F DB	
Storage	75 F DB	72 F DB	
Main Entrance	85 F DB	60 F DB	
Concessions	78 F DB	72 F DB	
Mechanical/Electrical Equipment Rooms	OA Temp. plus 10 F DB (max.)	60 F DB	
Offices	75 F DB	72 F DB	

Note: Owner shall review and verify required temperatures.

### Outside Air Ventilation Rates

Outside air ventilation rates will be in accordance with the 2015 Michigan Mechanical Code.

### Air Change Rates

Minimum air flow rates will be as follows:

Toilet Rooms: 10 air changes/hour or 70 cfm per water closet and urinal, whichever is greater (exhausted to outdoors).

Custodial Closets: 10 air changes/hour or 1 cfm/sq.ft, whichever is greater (exhausted to outdoors).

### Thermostatic Zoning

Thermostatic zoning will be as indicated on the drawings.

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**General Sizing & Utilities:****Duct Sizing Criteria**

System	Velocity	Friction per 100 ft.
Supply Air Ductwork	1000 fpm maximum velocity	0.10"/100 ft. maximum air pressure drop
Return/Exhaust Air Ductwork - Overhead in occupied spaces	1000 fpm maximum velocity	0.10"/100 ft. maximum air pressure drop
Return Air Ductwork - Open end duct inlet velocity	700 fpm maximum velocity	0.10"/100 ft. maximum air pressure drop
Transfer Air Ductwork - Overhead in occupied spaces	300 fpm maximum velocity	0.10"/100 ft. maximum air pressure drop

**Pipe Sizing Criteria**

Domestic Water Feed Mains and Risers	7 fps Maximum velocity	Maximum water pressure drop: 3.0 ft.hd./100 ft. equivalent length
Domestic Water Branch Piping	4 fps Maximum velocity	Maximum water pressure drop: 3.0 ft.hd./100 ft. equivalent length

**Utilities**

New sanitary, domestic water, fire protection, and gas services will be connected to the street utilities located to the north and west of the site.

**Air Handling Systems:*****Building 'A' (Pavilion)***

The pavilion will be served by a 100 MBH, constant volume, high efficiency, gas-fired condensing furnace. The furnace will be suspended from the structure in the mechanical room. The unit will include a supply fan, a MERV 8 filter, a direct expansion cooling coil, and a gas-fired heat exchanger. Outside air will be delivered to the furnace from a sidewall intake louver on the north side of the pavilion. Supply air will be ducted from the furnace outlet to the ceiling-mounted supply air diffusers in each room. A 5-ton air-cooled condensing unit associated with the direct expansion cooling coil will be located on grade to the north of the pavilion. Refrigerant piping will be connected between the condensing unit and the furnace. The condensing unit will be mounted on a concrete housekeeping pad.

Exhaust air from the restrooms and janitors' closet will be removed from the space through ceiling-mounted grilles. The ceiling-mounted grilles will be connected to an exhaust air duct main that connects to an inline fan. The inline fan will be located above the ceiling of the equipment storage room. The exhaust air will leave the building through a sidewall louver on the north side of the pavilion.

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Wall mounted, electric cabinet unit heaters will be provided near the exterior doors of the vestibule and equipment storage room. The vestibule will have an 8-kW heater and the storage room will have a 5-kW heater.

Two 1-kW electric baseboard heaters will be provided within the office below each service window.

1-kW electric fan forced wall heaters will be provided within the men's restroom, women's restroom, and the janitor's closet.

A 5-kW ceiling-mounted cabinet unit heater will be provided above the service window within the concessions area.

A 7.5-kW fan-forced unit heater will be provided within the mechanical room.

Four 65 MBH infrared heaters will be provided for the pavilion overhang. Two will be located above the seating area and two will be located above the skate rental area.

Three 6'-0" high volume, low speed fans will be provided above the seating area.

***Building 'B' (Utility)***

A 7.5-kW fan forced unit heater will be provided within the Utility building.

A 550 cfm inline exhaust fan will be connected to a gas detection system. Upon activation of the sensor system, a motorized damper connected to a side wall intake louver will be opened and room will be fully exhausted.

**Temperature Control Systems:**

A 7-day programmable thermostat will be provided with the furnace.

Integral thermostats will be provided for all other heating devices.

**END OF MECHANICAL SECTION**

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# Plumbing

## Building 'A' (Pavilion) Systems:

A new domestic water service will enter to the north side of the pavilion within the Mechanical room. A water meter and a reduced pressure zone assembly will be provided for the water service. The domestic cold-water piping will be extended and connected to the plumbing fixtures throughout the pavilion. The water will also be connected to the instantaneous gas fired water heater.

The instantaneous water heater will be located on the west wall of the Mechanical room. The heater will be wall mounted. Hot water piping will be extended and connected to the plumbing fixtures within the pavilion. Hot water recirculation piping and pump will be provided for the system.

A complete sanitary waste and vent system will be provided. Sanitary waste from the plumbing fixtures in the pavilion will flow by gravity and connect to the site utilities at the street.

Roof drainage shall be provided by architectural trades.

A natural gas service assembly will be located on the north side of the pavilion. The natural gas piping will be extended to the instantaneous water heater, furnace, and infrared heater around the pavilion. Underground gas will be routed to two fireplaces on the site and to Building 'B'.

The restrooms will be provided with floor mounted water closets, and wall mounted lavatories. The water closets will be equipped with low flow, automatic flush valves. The lavatories will be supplied with automatic faucets.

A dual height water cooler will be provided within Building 'A' (Pavilion), Support Entry 104. The drinking fountain will have a bottle filling station.

The concessions room will have a single bowl, stainless steel hand sink and manual faucet.

## Building 'B' (Utility) Systems:

The domestic water service to the Utility building will be routed underground from the pavilion and enter the building from the north side. The water will be connected to a wall mounted hose bibb and the building gas fired water heater.

The high efficiency, gas fired water heater will be located on the north wall of the building. The hot water will be stored in a separate, jacketed storage tank adjacent to the water heater. The hot water piping will be extended to a wall mounted hose bibb. This hose bibb will be used to refill the Zamboni.

A floor drain will be located adjacent to the water heater. A centrally located trench drain will also flow by gravity and connect to site utilities at the street. The trench drain will be heat traced to prevent freezing.

## Fire Protection Systems:

Fire protection is not required for the site.

**END OF PLUMBING SECTION**

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## **Fire Protection**

### **System:**

A new fire protection system to be installed in Building 'B' (Utility). A 4" service will be connected from the street to the building. A vertical style backflow preventor will be provided as the service enters the building. The area will be protected by automatic wet pipe sprinkler system per NFPA 13.

**END OF FIRE PROTECTION SECTION**

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# Electrical

## Power Distribution:

Option 1: There is an existing 300KVA 13.2KV-208/120V DTE transformer across Town Center Drive from the site. Bring a new underground 1,000A feeder from this transformer to a new utility meter located on the outside of the pavilion. This work needs to be verified with DTE.

Option 2: Provide a brand new DTE service feeder from a new DTE transformer and new meter. This is to be coordinated with DTE.

A new 1,000A 208/120V 3 phase distribution panel will be provided within the Pavilion electrical room. This distribution panel will feed a new 400A 208/120V 3 phase panelboard next to it within the Pavilion electrical room. This panel will be used to feed all systems on site including but not limited to mechanical systems, lighting, AV, wiring devices, etc. The distribution panel in the Pavilion electrical room will also feed a new 600A 208/120V 3 phase panelboard in the Utility (Zamboni) building. This panel will be used to feed all systems within the Zamboni room and the ice rink mechanical yard that is adjacent to the building.

## Wiring Devices:

New receptacles shall be provided throughout as required and shall be 20 ampere, 125 volt, NEMA 5-20R configuration. A maximum of six receptacles shall be connected per circuit. Special receptacles and dedicated receptacles shall be provided in areas as required. Toilet rooms and all other areas with sinks shall have GFI-protected receptacles within six feet of the sinks. GFCI breakers shall be used for any receptacles concealed by large or immobile equipment. Exterior receptacles shall have a weatherproof while-in-use cover.

## Lighting Systems:

Lighting shall be designed to meet the ASHRAE 90.1-2013 Energy Standard for Buildings and the exteriors. All the proposed lighting will be energy-efficient LEDs.

The concepts for lighting solutions will complement the theme for Architectural and Landscape designs, to "Create Consistency Through Nature." Avoiding the lighting elements with visible light sources will reduce glare and will allow the emphasis on natural-occurring elements such as trees, shadows, wood, and stone finishes on horizontal and vertical elements throughout. Opportunities such as benches, retaining walls, stone caps, etc. will be utilized to integrate and hide the visible light sources and highlight the surrounds for a pleasant glare-free environment.

Four key areas of the site illumination are focused on: pavilion, ice rink, pedestrian park/pathways, and the drop-off zone. Furthermore, layers of lighting for ambient illumination, accent lighting, and visual entertainment lighting will be independently controlled and dimmed to create visual interest such as focal points, good depth perception, and an intuitive visual guide to points of interest.

Vertical Landscape and Architecture lighting: Pedestrian scale light posts nominally 10' to 12' high will be of decorative appearance to blend well visually/aesthetically with the vertical landscape.

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Posts will be positioned between trees for ambient light and to cast shadows of the trees onto the pathways. Although in grade up-lights can create an appealing appearance, they are not maintenance-friendly and are not recommended. Instead, easily accessible surface-mounted landscape lights on grade within the landscaped areas are recommended to supplement the post top lights and can achieve equally desired effects. Accent lighting will highlight taller trees and new building columns to celebrate the vertical elements of space.

Low, horizontal landscape lighting shall consist of multiple layers of lights complementing each other while supplementing the vertical solution described above. Integrate linear outdoor LED tape-lights into Architectural elements such as benches and other opportunities, to hide from direct view to the public, but to create glow within the landscape and the adjacent walking surfaces. Utilize bollard lights, nominally 40" high (or lower) to illuminate pathway intersections, and to establish visual linearity leading guests to/from the ice surface. Implement adjustable landscape lights as fill-in method, illuminating pathways, or landscape features.

Permanent architectural elements such as benches, half-walls, railings, retaining walls, and stone caps, will provide opportunities to integrate miniature lighting elements to offer ambient illuminance moments throughout the site.

Illumination of the ice surface is recommended to be integrated into the perimeter elements of the ice surface, similar to the permanent methods/lights described above, but with built-in color changing and other dynamic visual effects. Although final methods of integrating color-changing LED lights (RGBW), multiple lighting products, DMX controlled, will be required: Linear outdoor-rated RGBW bendable "rope-lights," aimable LED (RGBW) floodlights, and recessed LED step-light (RGBW). To make sure that the space does not become outdated, or stagnant-feeling venue, such solutions require flexibility to modify the visual appearance from time to time, by method of digital programming, re-aiming, but without physically removing/replacing the lighting fixtures.

Exterior illumination of the building will accent the vertical Architectural features to compliment the surrounding landscape and highlight the wood and stone finishes for warm, inviting inspiration. The open pavilion space will utilize standard LED products for safety with ambient illumination and will include a pendant feature lighting element as a focal point in the space. Interior of the building will utilize standard LED illumination methods using the recessed flat 2x2 LED panels, recessed LED downlights, and pendant linear LED products in the exposed ceiling spaces.

It is the intent to create a lighting system that can create many visual effects, including the ability to modify/update the effects via software/programming. The lighting can be programmed to correspond to changes in season or on a month-to-month basis. Flexibility of the system and the ability to change programming will keep it fresh for years down the road. A small sample of possible effects are monochromatic white or saturated color of light over the ice; slow light color fades, or quick color flashes; visual changes based on time, or on the beat of the music; spontaneous color changes or patterns such as color-chase in one direction, reverse direction, split directions; or classy white/amber glow with intermittent twinkle bursts. With these many options, the limit is only in imagination. It is recommended that 4-6 preprogrammed effects be stored in the memory of the lighting control system with simple pushbutton access to any of them, either automatically by time clock, photocell, or manually at the control pushbutton station inside of the building, or remotely via smartphone or tablet.

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**Lighting Controls:**

Lighting control system shall be located indoors, adjacent to Electrical Panelboards. The user interface consisting of an LCD screen or push-button control station will be located in areas accessible and visible by the staff, but inaccessible to the public. The system shall accommodate multiple dimming protocols, including 0-10V, Triac, ELV, and MLV, for indoor lighting, and outdoor ambient lighting. DMX protocol for the color-changing, including the ice area and other "entertainment" lighting, shall be utilized. Each protocol shall include electronic modules within the same enclosure, capable of communication with other modules and/or protocols as one unified system.

Capacity of the system shall accommodate the individually addressable DMX-controlled color-changing fixtures illuminating the ice, dimmable landscape lights grouped in multiple zones corresponding to areas of the park, and dimmable lighting zones associated with the proposed new building, and the drop-off area.

The preprogrammed "entertainment" lighting at the ice area shall be stored ready to "playback" any one of the 4-6 themes when accessed via preset control interface.

Control system shall be a fully programable system, capable to operate in a fully automatic mode based on inputs from time of day, photocell, and/or motion-sensing options. Owner/user shall be able to manually override automated mode with user-interface LCD screen or pushbutton control station. The override buttons shall be appropriately labeled and programmed to operate each of the 4 key areas individually, raise/lower brightness in each area, and access/playback any one of the preprogrammed, DMX-controlled "entertainment" themes at the ice area. The lighting control station(s) can be password protected or protected with a locking cover to limit unauthorized use.

Lighting control system shall be provided with remote plug-in outlets for use of a laptop needed during programming, manual overrides during special events, for the music interface, and the wi-fi/wireless access to the controls via smartphone or tablet.

**Fire Alarm Systems:**

A fire alarm system is not required.

**Telecommunications / Data Systems:**

Raceways and back boxes for telephone and data outlets shall be provided where required. Coordination required with Commtech.

**Security Systems:**

Raceways, back boxes, and power for security systems shall be provided where required. Equipment and wiring for security shall be provided by the Owner. Coordination is required with Commtech.



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**Audio / Visual Systems:**

Raceways, back boxes, and power for security systems shall be provided where required. Equipment and wiring for security shall be provided by the Owner. Coordination is required with Commtech.

Equipment and wiring for audio/visual systems shall be provided by the Owner.

**Grounding Systems:**

Grounding systems to meet the requirements of the National Electric Code shall be provided. All feeder and branch circuit conduits shall be provided with an equipment-grounding conductor. Special equipment or system grounding requirements shall not be provided.

**END OF ELECTRICAL SECTION**

Troy Pavilion		Project Number: 0128-21-0020
Schematic Design		Issue: 08/01/2022
Item	Opinion of Cost	Notes
Site	\$ 2,053,407.00	Earthwork, Utilities including sanitary, water, gas, DTE Allowance, and Fiber, Site Specialty Lighting, Hardscapes
Landscaping	\$ 441,540.00	Plantings, trees, streambank restoration, trails
Ice Rink	\$ 1,370,000.00	Equipment, Concrete work and substructure, Railings
Building	\$ 2,229,497.00	Building structures, MEP, interior finishes and millwork, Building Technologies (minus video wall)
Site Furnishings	\$ 252,500.00	Wayfinding, fire pits, Screen Walls, Benches and receptacles, Ledges/benches, Video Display
General Conditions	\$ 691,178.00	
Profit	\$ 416,394.00	
Contingency	\$ 1,249,182.00	15%
Bonds/Insurance	\$ 69,809.00	
Construction Total	\$ 8,773,507.00	
Zamboni	\$ 125,000.00	
Design	\$ 425,000.00	
CA-Field	\$ 300,000.00	
CA-Office	\$ 150,000.00	Testing & Survey in General Conditions Cost
Project Total	\$ 9,773,507.00	
Refer to detailed cost break down for associated color coded line items associated with above.		

Location	Description	Takeoff Quantity		Total Amount
<b>A-Staffing</b>				
	<b>Supervision</b>			
	Superintendent - Senior	52.00	wk	166,400
	<b>General Superintendent</b>			
	Quality/Production Mgr.	2.60	wk	8,190
	<b>Project Scheduling</b>			
	Project Scheduler	1.00	wk	2,600
	<b>Project Manager</b>			
	Sr. Project Manager	26.00	wk	75,400
	<b>Project Engineer</b>			
	Project Engineer - PE to be full time on projects \$10M+	26.00	wk	52,000
	<b>BIM Manager</b>			
	Director of Const. Tech	0.50	wk	1,300
	<b>Safety Director</b>			
	Safety Manager	2.00	wk	5,200
<b>GC's</b>				
	<b>Permits</b>			
	<b>Building Permit (NA)</b>		Is	
	<b>Fees</b>			
	Utility Tap Fee - Allowance	1.00	Is	100,000
	<b>Procore Software</b>			
	Project Software & Hardware	1.00	Is	5,000
	<b>Temp. Project Signage</b>			
	Temporary Project Signage	1.00	Is	1,750
	<b>Gang Box Fees</b>			
	Gang Box Fees	1.00	Is	750
	<b>Misc. Matls / Tools</b>			
	Misc. Matls / Tools	1.00	Is	10,000
	<b>Yard Misc. Trucking</b>			
	Yard Trucking	48.00	hr	4,992
	<b>Blueprinting</b>			
	Blueprinting	1.00	ea	1,000
	<b>Overnight Mail Charges</b>			
	Overnight Mail Charges	1.00	Is	500
	<b>Construction Photos</b>			
	Construction Photos	1.00	ea	3,500
	<b>Hazardous Mat'l Testing</b>			
	Employee Testing & Safety	1.00	Is	5,000
	<b>Safety Supplies</b>			
	Safety Supplies	1.00	Is	5,000
	<b>Surveying &amp; Layout</b>			
	Site Layout	1.00	Is	75,000
	<b>Testing &amp; Quality Control</b>			
	Testing & Quality Control	1.00	Is	50,000
	<b>Temp. Building Heat</b>			
	Temp Bldg Heat	4.00	mo	10,000

Exhibit #2 - Opinion of Cost - Final SD - 08/01/2022

Location	Description	Takeoff Quantity		Total Amount
	<b>Temp Site Water</b>			
	<b>Temp Site Water (NA)</b>		mo	
	<b>Temp. Electrical Consp.</b>			
	<b>Temp Electrical Consp. (NA)</b>		mo	
	<b>Temporary Toilets</b>			
	Temporary Toilets - W/ hand sanitizer	12.00	mo	2,400
	Porta Sink - Used for Silica washing station	12.00	mo	2,400
	<b>Temp. Barricades</b>			
	Temporary Barricades	200.00	lf	3,000
	<b>Temp Fencing</b>			
	Temporary Fencing	1,200.00	lf	10,800
	<b>Temp Site Road</b>			
	Temp Site Road	5,000.00	sf	15,000
	<b>Field Office</b>			
	Field Office - Monthly Rent 12X60	12.00	mo	13,200
	Field Office - Freight/Setup/Takedown/Tie Downs 12X60	1.00	ls	1,954
	Field Office - Skirting 12X60	1.00	ls	2,100
	<b>Field Office Equip</b>			
	Field Office Equip. (\$250 Required on ALL projects)	1.00	ls	250
	Copy/Scan/Print Machine-Rental	12.00	mo	3,600
	Deliver/Pick Up Copy Machine - One time cost	1.00	ls	250
	<b>Field Office Supplies</b>			
	Field Office Supplies	12.00	mo	600
	<b>Field Office Telephone</b>			
	Field Office (VOIP) Phone Equipment - Large Projects	1.00	ls	360
	Internet Monthly Rate - Large Projects	12.00	mo	3,600
	<b>Field Office Utilities</b>			
	Field Office Electrical Hook up	1.00	ls	1,800
	Field Office Utilites	12.00	mo	3,600
	<b>Field Office Water</b>			
	Field Office Water	12.00	mo	456
	Coffee Service	12.00	mo	480
	<b>Closeout Superintendent</b>			
	O & M Manual	1.00	ls	500
	As Built Drawings	1.00	ls	500
	<b>Final Clean up</b>			
	Final Clean-up	80.00	hr	4,362
	<b>Infectious Control</b>			
	Walk off Mats	1.00	box	350
	<b>Daily Clean-up</b>			
	Daily Clean-up	416.00	hr	22,684
	<b>Dumpsters</b>			
	Standard Dumpsters (see notes)	10.00	ea	3,750
	<b>Street Sweeping</b>			
	Street Sweeping	16.00	ea	5,600
	<b>Snow Removal</b>			
	Snow Removal	4.00	mo	2,000

Location	Description	Takeoff Quantity		Total Amount
	<b>Subsurface Investigation</b>			
	GPR - Req. for any underground (see notes)	1.00	ls	2,000
<b>Base Bid</b>				
	<b>Selective Demolition</b>			
	Site Demolition	1.00	ls	108,795
	<b>Excavation</b>			
	Earthwork	1.00	ls	342,705
	Site Utilities	1.00	ls	685,500
	Undercut "Allowance"	1.00	ls	50,000
	North Culvert	1.00	ls	80,000
	South Culvert	1.00	ls	180,000
	DTE Allowance			100000
	Fiber			50000
	<b>Site Improvements</b>			
	3" Caliper Evergreen or deciduous trees	31.00	ea	31,000
	12' Ornamental trees	8.00	ea	8,000
	Turfgrass	4,680.00	sf	7,020
	6" Top soil spread	37,800.00	sf	34,020
	Ornamental planting beds	20,800.00	sf	208,000
	Streambank restoration	6,300.00	sf	31,500
	Streambank Restoration w/Trees	10,700.00	sf	107,000
	Nature Trails	600.00	sf	15,000
	<b>Irrigation Systems</b>			
	<b>Irrigation Systems (NA)</b>		ls	
	<b>Site &amp; Street Furnishings</b>			
	Wayfinding signage	1.00	ls	2,500
	Entrance decorative stone sign 3'-4"	2.00	ea	24,000
	6' Benches	30.00	ea	36,000
	Ledgestone Benches	8.00	ea	24,000
	Litter Receptacles	4.00	ea	4,000
	Recycle receptacles	4.00	ea	4,000
	Fire Pits 6' diameter	2.00	ea	20,000
	Decorative fencing (Curved)	65.00	lf	13,000
	<b>8'-12' Monolith boulders (NA)</b>	15.00	ea	
	<b>Pour Misc Conc</b>			
	Concrete - Bldg. A	1.00	ls	281,467
	Concrete - Bldg. B	1.00	ls	79,840
	Concrete - Site Concrete	1.00	ls	156,407
	<b>Unit Masonry</b>			
	8" Masonry - Insulated Block	4,300.00	sf	150,500
	4" Masonry - Non insulated	440.00	sf	8,800
	Stone Veneer - Bldg	2,340.00	sf	46,800
	Stone Veneer - Columns	768.00	sf	23,040
	Stone Veneer ledge seating	50.00	sf	2,500
	<b>Structural Steel</b>			
	Misc Steel	1.00	ls	10,000

Exhibit #2 - Opinion of Cost - Final SD - 08/01/2022

Location	Description	Takeoff Quantity		Total Amount
	Bollards	10.00	ea	7,500
	<b>Handrails &amp; Railings</b>			
	Handrails & Railings	400.00	lf	70,000
	<b>Rough Carpentry</b>			
	Install Frames/Doors/HW	6.00	ea	2,400
	Roof nailers	80.00	hrs	6,800
	Misc. Rough Framing	80.00	hrs	9,200
	<b>Finish Carpentry</b>			
	Millwork	113.00	lf	16,950
	<b>Waterproofing</b>			
	Waterproofing	1.00	ls	5,000
	<b>Membrane Roofing</b>			
	Standing Seam Metal Roofing - Bldg. A	6,500.00	sf	195,000
	Standing Seam Metal Roofing - Bldg. B	780.00	sf	27,300
	<b>Roof Specialities/ Acces.</b>			
	Rain chains on pavilion	2.00	ea	3,000
	Rain chains on Zamboni building	1.00	ea	1,250
	Rainwater cistern	1.00	ea	5,000
	<b>Joint Sealants</b>			
	Joint Sealants	1.00	ls	15,000
	<b>Metal Doors &amp; Frames</b>			
	Metal Doors & Frames	6.00	ls	100,000
	<b>Glazing</b>			
	Aluminum Windows	2.00	ea	7,000
	<b>Gypsum Board Assemblies</b>			
	Gypsum Board Assemblies	1,500.00	SF	37,500
	<b>Resilient Flooring</b>			
	Sealed Concrete	16,900.00	SF	16,900
	<b>Painting</b>			
	Painting	1.00	ls	20,000
	<b>Fire Protect Specialties</b>			
	Fire Protection Specialties	1.00	ls	5,000
	<b>Storage Shelving</b>			
	Storage/Shelving System	1.00	ls	20,000
	<b>Pre-engineered Buildings</b>			
	Pre-Engineered Wood Stucture	1.00	ls	775,000
	<b>Wet/ CO2 Fire Protection</b>			
	Wet Fire Protection	672.00	sf	
	<b>Plumbing</b>			
	Plumbing	1.00	ls	101,500
	Ice Rink System Complete	1.00	ls	1,300,000
	<b>HVAC</b>			
	HVAC - Bldg. A	2,400.00	sf	72,000
	HVAC - Bldg. A - Infered Heat	1.00	ls	6,000
	HVAC - Bldg. B	1.00	ls	2,500
	<b>Electrical</b>			
	Pavilion Electrical	1.00	ls	140,000

Location	Description	Takeoff Quantity		Total Amount
	Storage Bldg Electrical	1.00	ls	<b>38,000</b>
	Site electrical	1.00	ls	<b>300,000</b>
	Video Monitor	1.00		<b>125,000</b>

April 20, 2022

Mr. Kurt Bovensiep  
City of Troy  
Public Works Director  
4693 Rochester Rd.  
Troy, MI 48085

RE: Proposal for Professional Design Services  
Troy Civic Center Pavilion – Design Documents and Bidding Assistance

Dear Mr. Bovensiep:

Thank you for the opportunity to submit this proposal for the professional design services for Troy Civic Center Pavilion – Design Development and Bidding Phase. This letter presents our understanding of the project and proposed scope of services, time schedule, fee, and Standard Terms and Conditions.

### **PROJECT UNDERSTANDING**

The City wishes to continue development of the approved Final Schematic Design package dated August 2, 2022, into Construction Documents, in order to provide bidding and construction documents for the project.

### **SCOPE OF SERVICES**

With this understanding, our proposed scope of services for this project are as follows:

#### **Task 1: Design Development:**

During design development, OHM will develop and complete the design detail necessary to provide a coordinated depiction of the project's Site, Architectural, Structural, Mechanical and Electrical needs. Throughout this process, OHM Advisors will work with the City to review and select facility-specific design features and final product selections. We envision the following tasks to complete the Design Development drawings:

1. Meet with City to review and discuss drawing development of approved schematic design package. Two(2) meetings are assumed for this phase to provide a completed Design Development package. Development of details for the project, including final material and product selections, interior design elements, and discipline specific systems to be selected during this phase.
2. Specialty lighting to conduct local mock-ups using local available sample products, to demonstrate design intent, if required.
3. Includes coordination needed to submit for the following permits / regulatory approvals:
  - a. Site Plan (City of Troy)
  - b. Engineering Approval (City of Troy)
  - c. Stormwater plan review (City of Troy)
  - d. Wetland/Stream Discharge Permit / Enclosure Permit (Michigan EGLE)
  - e. Soil Erosion plan approval (City of Troy)





### Deliverables:

- ▼ Drawings to include:
  - Site Civil drawings suitable for refinement of the scope for final owner approval and permitting / regulatory approval. Includes demolition, soil erosion and sedimentation control (SESC), grading, stormwater management, utilities, and applicable cross-sectional details.
  - Landscape drawings to further develop schematic plan-set to finalize all Landscape features, details and layouts.
  - Architectural drawings to include development of floor, reflected ceiling, and roof plans, elevations, building sections, and associated details, roof finish and hardware schedule, and interior design development. Develop and present up to three (3) color schemes for review and approval by City.
  - Structural drawings to include development of foundation, roof framing, and canopy framing, general structural notes and inspection sheets, slab plan design, site pads for building and ice rink mechanical equipment. Structural drawings will also include development of the North and South culvert structure and foundation.
  - Mechanical and Plumbing scope of work to finalize mechanical, cooling, heating and ventilation load calculations to finalize equipment sizes and selections. Develop mechanical and plumbing distribution plans, including domestic water, sanitary sewer, gas and schedules.
  - Electrical and Low Voltage design scope of work to include finalize electrical load calculations for new equipment. Select final light fixtures and perform photometric calculations to determine the required layout, including emergency lighting locations and exit sign placement. Prepare power distribution drawings and panel layouts and locations. Design fire alarm system. Prepare low voltage plans including Wi-fi locations and hardware data a PA/Sound system (building internal to building and associated with Site). Prepare security layout and indicate locations of cameras and card access doors for power purposes.
  - Specialty lighting to provide lighting calculations to validate applicable lighting design features, document lighting layouts, preliminary specifications, hardware requirements and data sheets.
- ▼ Project Manual: Prepare a preliminary Project Manual with the following information:
  - Preliminary construction specification.
  - Landscape and Irrigation narratives
  - Door and hardware sets
  - Interior finish requirements and special elements
  - Monument Site Signage / way finding requirements
  - Requirements for CCTV, card access and security systems
- ▼ Project cost with updated opinion of probable construction cost.
- ▼ Assist City in development of Design/Bid package for ice rink design and rink mechanical systems as part of RFP or direct bid proposal.

### **Task 3: Construction Documents**

During the Final Design and Construction Documents stage, OHM will further develop the Design Development plans into plans and specifications suitable for construction. The plans will be used to obtain building permits and bidding (obtaining construction pricing from general contractors). Tasks required to complete Final Design and Construction Documents are as follows:

1. Meet with City to review and discuss drawing development of approved Design Development package. Two (2) meetings are assumed for this phase to provide a completed Construction Document package. Development of drawings including finalizing details, specifications, and final project manual.



2. Once the owner has provided their final plan comments, OHM will submit final plans and specifications to local AHJ for plan review. Review may be simultaneous with pricing if dictated by the schedule.

**Deliverables:**

- ▼ Construction drawings including:
  - Site Design/Civil
  - Landscape
  - Architectural
  - Structural
  - Mechanical
  - Plumbing
  - Electrical
  - Specialty Building and Site Lighting
  - Building Technology Systems
- ▼ Project Manual: Prepare Project Manual with final specifications (excluding Division 00):
- ▼ Project cost with updated opinion of probable construction cost estimate

**Task 4: Bidding Assistance:**

During the bidding phase, OHM will perform services to obtain pricing from prospective contractors. Specific work efforts include:

1. Assist City in the construction bidding/contracting process including the development of advertisement, assisting in pre-bid meeting, issuing pre-construction addenda, and making revisions to the drawings and specifications as necessary from code review comments if the review is done concurrent with bidding.
2. Respond to Request for Information (RFIs) in writing during the bidding process.
3. Attend the bid opening and evaluate bids. This will include examining the apparent low bidder's bid, checking references, and confirming that the low bidder included all the components of the design in their bid.
4. Attendance of post bid contractor interviews if needed.

**COMPENSATION**

OHM Advisors will perform the outlined services above based on hourly basis, in accordance with our current contract with the City. The following are the estimated costs for the project:

Task	Estimated Fee	Schedule
Task 2: Design Development	\$ 135,000	8/1/2022 – 10/11/2022
Task 3: Construction Documents	\$ 148,000	10/17/2022 – 12/16/2022
Task 4: Bidding Assistance	\$ 14,000	12/19/2022 – 02/03/2022
Total	\$ 297,000	

**ASSUMPTIONS, EXCLUSIONS & OWNER RESPONSIBILITIES**

OHM Advisors is prepared to complete the work as outlined above per our understanding of the project, which includes the following assumptions, exclusions and identified Owner responsibilities.

- ▼ Attendance of public meetings will be provided as services under a separate proposal.
- ▼ Coordination with permitting agencies above and beyond a pre-submission meeting, permit application and permit revisions will be provided as an additional service.
- ▼ The City will reimburse OHM for or directly pay any permit fees.
- ▼ Construction phase professional services and construction staking / layout are not included in this



proposal.

- Building user coordination, public engagement, and impact notification shall be by owner

### ADDITIONAL SERVICES

The following services are not included in our compensation but may be desired. Fees for these services can be negotiated later if deemed necessary. Additional services that may be needed are as follows:

- Phasing and logistics plans.
- Traffic control design or memorandum, impact studies, and/or traffic analysis.
- Schedule extension or re-design work (e.g. re-bidding, bid extension, additional design plans and details, additional specifications, and scope change after DD owner review)
- Environmental testing, borings and/or abatement
- Environmental Site Assessments and/or sampling
- Additional regulatory submittals or coordination (MDOT, Road Commission, and County permits are not expected and are therefore excluded)
- Additional meetings or coordination (billed hourly)
- GIS data collection, interpretation, modification, and/or delivery
- Threatened and Endangered species studies and requirements

### ACCEPTANCE

Work will be done in accordance with the terms and conditions of the Continuing Services Agreement between OHM and the City. If this proposal is acceptable to you, please provide signature below or e-mail confirming us to proceed on the project.

Thank you for giving us the opportunity to be of service. We look forward to working with you on this project. This proposal is valid for 30 days from the date of this letter.

**Orchard, Hiltz, & McCliment, Inc.**  
CONSULTANT

**City of Troy**  
OWNER

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Signature)

Christopher Ozog, AIA  
(Name)

\_\_\_\_\_  
(Name)

Project Manager  
(Title)

\_\_\_\_\_  
(Title)

April 20, 2022  
(Date)

\_\_\_\_\_  
(Date)

Cc: Rhett Gronevelt, Principal, OHM Advisors



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

I-05

## CITY COUNCIL AGENDA ITEM

Date: August 22, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Rob Maleszyk, Chief Financial Officer  
Dee Ann Irby, Controller  
Emily Dumas, Library Director  
Kurt Bovensiep, Public Works Director  
Dennis Trantham, Facilities and Grounds Operations Manager  
Emily Frontera, Purchasing Manager

Subject: Budget Amendment and Standard Purchasing Resolution 4: OMNIA Partners  
Cooperative Purchasing Contract – Multi-Modal Transit Center, City Hall and Library  
Closed Circuit Monitoring Equipment and Installation and Additional Access Control  
Devices

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### History

- The City of Troy has made significant investments to ensure its employees and public are safe while working and visiting a city facility. These investments include access control through ID badge readers for entry and closed-circuit monitoring cameras.
- The City of Troy has several cameras strategically placed at the Multi-Modal Transit Center and City Hall that are monitored and referenced when necessary.
- The cameras become particularly important when the city must perform an investigation for various reasons.
- City Council approved a major refurbishment to the CCTV system for Public Works, Fire and Police Training Center, Community Center and a portion of City Hall in fiscal year 2021 (Resolution #2020-09-129-J-4a). In fiscal year 2022, City Council approved the replacement of the security cameras at the Troy Family Aquatic Center (Resolution #2021-07-116-J-4b).
- The existing cameras at the Multi-Modal Transit Center, the remaining portion of City Hall, and the Library have reached end of life and are rapidly failing and are no longer reliable.
- The former network connection at to the Multi-Modal Transit Center has become unstable and unreliable. The new fiber connection will not interact with the existing closed-circuit monitoring cameras.
- The work at the Library will be completed in two phases to accommodate for the Youth Department Renovation and will include adding two additional access card readers.

### System Maintenance

The City of Troy has invested and will continue to invest in its access control and closed circuit monitoring camera system. Continual maintenance is required to ensure that both systems are running correctly. This includes responding to access control issues and ensuring all cameras are working and recording properly. Professionals in the security field best apply system maintenance so failures can be predicted and consequently avoided. For this reason, it is recommended that the city contract this service to the installer Wadsworth Solutions.



## CITY COUNCIL AGENDA ITEM

### Purchasing

- Pricing to furnish and install upgrades and additional devices to the closed-circuit monitoring equipment at the Multi-Modal Transit Center, the remaining portion of City Hall, and the Library has been secured from *Wadsworth Solutions* through the OMNIA Partners Cooperative Purchasing Contract #R220703 and per the detailed Quotes MJH22-074, MJH22-075, MJH22-071, and MJH22-073.
- Pricing for the annual service/maintenance contract has also been secured from *Wadsworth Solutions* per the detailed Proposal MJH22-MSA001.
- City Council authorized participation in the Cooperative Purchasing Program on November 8, 2021 (Resolution #2021-11-160).

### Financial

- Funds for the Multi-Modal Transit Center were not budgeted in the current fiscal year. The acquisition will require a budget appropriation amendment in the amount of \$80,000 under the Multi-Modal Transit Facility Capital Fund Project Number 2023C0124 for the 2023 fiscal year. Expenditures will be charged to account number 401.234.7978.010.
- Funds are budgeted and available in the City Hall Capital Fund Project Number 2023C0006 for the 2023 fiscal year. Expenditures will be charged to account number 401.264.265.7975.165.
- Funds are budgeted and available in the Library Capital Fund Project Number 2023C0057 for the 2023 fiscal year. Expenditures will be charged to account number 401.790.7980.010.

	<u>Capital Fund Account Number</u>	<u>Requested Amount</u>	<u>Budgeted Amount</u>	<u>Project Number</u>
Multi-Modal Transit Center	401.234.7978.010	\$80,000	\$0.00	2023C0124
City Hall	401.264.265.7975.165	\$36,987	\$45,000	2023C0006
Library	401.790.7980.010	\$95,668	\$115,000	2023C0057

- Funds for the annual service/maintenance contract are budgeted and available in the Building Operations operating account number 631.264.264.7802.150.

### Recommendation

City Management recommends waiving the bid process and awarding a contract to *Wadsworth Solutions, of Southgate, MI* to furnish and install upgrades and additional devices to the closed-circuit monitoring equipment at the Multi-Modal Transportation Center, the remaining portion of City Hall, and the Library for an estimated total cost of \$212,655 not to exceed budgetary limitations based on the OMNIA Partners Cooperative Purchasing Contract #R220703. Additionally, City Management recommends awarding the annual service/maintenance contract to *Wadsworth Solutions of Southgate, MI* for an estimated total of \$105,600.

It is also recommended that City Council approve a budget amendment to the Multi-Modal Transit Center Capital Fund in the amount of \$80,000.



**WADSWORTH SOLUTIONS**  
Providing Solutions for Secure, Energy Efficient Environments

# PROPOSAL

## Troy Transit Center CCTV Refresh

August 8, 2022

**Quote: MJH22-074**

To: Troy Transit Center

1201 Doyle Drive

Troy, Michigan 48084

Attention: Dennis Trantham

All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit.  
**Unless shown, prices quoted do not include federal or state sales taxes.**

### Cleveland

7851 Freeway Circle  
Middleburg Heights, OH 44130  
(216) 391-7263

### Columbus

9022 Cotter Street  
Lewis Center, OH 43035  
(380) 390-0260

### Toledo

1500 Michael Owens Way  
Perrysburg, OH 43551  
(419) 861-8181

### Youngstown

909 Sahara Trail, Unit C  
Boardman, OH 44514  
(234) 201-8820





**Scope of Work:** Wadsworth Solutions is pleased to present a quotation to provide the Troy Transit Center with a quote to procure and install new CCTV cameras at the Transit Center. This solution will also include a new digital head end. Wadsworth Solutions will program and install (1) Pelco Video Expert Pro 2 48 Tb RAID 5 storage device. This device will retain up to 30 days of video storage. Cameras will be replaced throughout the transit center. The following areas will be equipped with Pelco Sarix enhanced 2 mega pixel fixed surface mounted cameras: Lower Stairwell West, and the Middle Stairwell West.

A Pelco Optera Panoramic 270-degree camera with 12 mega pixels will be deployed on the skyway area between the lobby area and the west platform, and an additional Optera 270-degree camera will replace 3 cameras currently in the lobby area. Lastly a new Pelco Optera 270-degree 12 mega pixel camera will be mounted on the pole closest to the parking lot. There is currently a camera there today, but it is not operational.

There are two cameras currently on the top of the west stairwell that will be replaced the Pelco Sarix enhanced 3 mega pixel cameras. These will be parapet mounted and pendant mounted. Similarly, Wadsworth Solutions will also replace the cameras at the entrance, platform exit and the area outside of the east elevator. These cameras are specified as Pelco Sarix enhanced 3 mega pixel cameras. Wadsworth Solutions will also replace the camera on the front of the building with a new 7<sup>th</sup> generation Pelco PTZ camera to replace the antiquated model that is starting to fail.

Finally, Wadsworth Solutions will procure and install a 1 Pelco Sarix Professional camera in each of the elevators that are currently not working. Wadsworth Solutions **will not** be responsible to providing cabling to the elevator cameras. These two connections need to be provided by the elevator contractor, as Wadsworth Solutions is not able to service travel cables for elevators. This quote also assumes that the wiring to each camera location is operational. The switches at this location appear to have enough switch ports but it remains to be seen if the switches are POE+. If they are not some POE injectors or small switches may be necessary.

• **Notable Exclusions:**

- Unless annotated on this document, prices **do not** include local, state, or federal taxes.
- All work to be performed during regular business hours (7:30 a.m. to 4:30 p.m.) Monday through Friday. Shift work, holidays, and weekend work all at different rates.
- All proposals and quotations are for acceptance within 30 days of the date on this document. Pricing is subject to change subsequent of the 30-day time period.
- Any services or equipment not listed in this document are not included.

**TOTAL AMOUNT:.....\$72,822.00**

Submitted By,

MJ Hill  
Security Sales Engineer  
Tel (419) 654-1867  
Fax (419) 861-3282

Email: [mjhill@wadsworthsolutions.com](mailto:mjhill@wadsworthsolutions.com)

CUSTOMER	WADSWORTH SOLUTIONS
Accepted By: _____	Approved By _____
Date: _____	Date: _____
Name: _____	Name: _____
Title: _____	Title _____

**WADSWORTH SOLUTIONS SECURITY SYSTEM WARRANTY**

Security systems which are installed by Wadsworth Solutions on the premises of the ultimate user and within years after system commissioning fails because of defective workmanship, materials, design, or installation to operate at specified performance standards will be repaired or replaced without charge at the site. 3-Year Pelco Manufacture Equipment Warranty. 1-Year Wadsworth Solutions Labor Warranty. Warranty repairs will be performed under normal working hours (7:30-4:30PM EST). Projects, which require a phased start up, the warranty period will commence at the owner’s beneficial use of the system or subsystems that have been commissioned. Unless otherwise stipulated in a written sales contract covering the Security devices, the phrase “specified performance standards” means that items will conform with data and specifications published by their manufacturer which are current when Wadsworth Solutions contracts to sell them. No failure of a control device or Security system shall affect any postponement of the time when payment is due under the contract whereby the same was sold by Wadsworth Solutions; No warranty service shall be provided for any control device or control system on which payment is overdue. Except for aforementioned, Wadsworth Solutions makes no warranty, either express or implied in fact or by law, with respect to any of the Security devices or control systems sold pursuant to this instrument as to the merchantability thereof, their fitness for the purpose for which they are sold, or in any other respect. The liability of Wadsworth Solutions Northwest resulting from any breach of any warranty shall be limited to Wadsworth Solutions insurance limits and to claims which are presented to Wadsworth Solutions in writing promptly upon discovery by the claimant.

Wadsworth Solutions would like to say thank you for the opportunity to work with you on this project. We appreciate and value your business. If you have any questions or concerns you may contact us directly at 419-861-8181.





**WADSWORTH SOLUTIONS**  
Providing Solutions for Secure, Energy Efficient Environments

# PROPOSAL

## City of Troy City Hall Camera Replacement Phase II

August 8, 2022

**Quote: MJH22-075**

To: City of Troy

4693 Rochester Road

Troy, Michigan 48084

Attention: Dennis Trantham

All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit.  
**Unless shown, prices quoted do not include federal or state sales taxes.**

### Cleveland

7851 Freeway Circle  
Middleburg Heights, OH 44130  
(216) 391-7263

### Columbus

9022 Cotter Street  
Lewis Center, OH 43035  
(380) 390-0260

### Toledo

1500 Michael Owens Way  
Perrysburg, OH 43551  
(419) 861-8181

### Youngstown

909 Sahara Trail, Unit C  
Boardman, OH 44514  
(234) 201-8820



**Scope of Work:** Wadsworth Solutions is pleased to present a quotation to provide the City of Troy to replace the remaining legacy cameras at City Hall. These cameras were not replaced in the first phase of the CCTV transition. Wadsworth Solutions will procure and install (11) Pelco Sarix Enhanced 3 mega pixel fixed cameras. These cameras will be installed in the same locations as the legacy cameras throughout City Hall. Wadsworth Solutions will also provide (11) Pelco smoked domes and (11) Pelco Video Expert camera licenses with 3 years of supplemental licenses. Once installed, these cameras will interface with the existing Pelco Video Expert server that was installed during phase I of this project. This quote assumes that all of the wiring that is in place today can be reused. If that is not the case that portion of the project will have to be requoted. This solution will also leverage the switch that was installed during the first phase and has 11 open ports for the cameras.

• **Notable Exclusions:**

- Unless annotated on this document, prices **do not** include local, state, or federal taxes.
- All work to be performed during regular business hours (7:30 a.m. to 4:30 p.m.) Monday through Friday. Shift work, holidays, and weekend work all at different rates.
- All proposals and quotations are for acceptance within 30 days of the date on this document. Pricing is subject to change subsequent of the 30-day time period.
- Any services or equipment not listed in this document are not included.

**TOTAL AMOUNT:** .....\$36,987.00

Submitted By,

MJ Hill  
Security Sales Engineer  
Tel (419) 654-1867  
Fax (419) 861-3282

Email: [mjhill@wadsworthsolutions.com](mailto:mjhill@wadsworthsolutions.com)



## CUSTOMER

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

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

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

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

## WADSWORTH SOLUTIONS

Approved By \_\_\_\_\_

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

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

Title \_\_\_\_\_

### **WADSWORTH SOLUTIONS SECURITY SYSTEM WARRANTY**

Security systems which are installed by Wadsworth Solutions on the premises of the ultimate user and within years after system commissioning fails because of defective workmanship, materials, design, or installation to operate at specified performance standards will be repaired or replaced without charge at the site. 3-Year Pelco Manufacture Equipment Warranty. 1-Year Wadsworth Solutions Labor Warranty. Warranty repairs will be performed under normal working hours (7:30-4:30PM EST). Projects, which require a phased start up, the warranty period will commence at the owner's beneficial use of the system or subsystems that have been commissioned. Unless otherwise stipulated in a written sales contract covering the Security devices, the phrase "specified performance standards" means that items will conform with data and specifications published by their manufacturer which are current when Wadsworth Solutions contracts to sell them. No failure of a control device or Security system shall affect any postponement of the time when payment is due under the contract whereby the same was sold by Wadsworth Solutions; No warranty service shall be provided for any control device or control system on which payment is overdue. Except for aforementioned, Wadsworth Solutions makes no warranty, either express or implied in fact or by law, with respect to any of the Security devices or control systems sold pursuant to this instrument as to the merchantability thereof, their fitness for the purpose for which they are sold, or in any other respect. The liability of Wadsworth Solutions Northwest resulting from any breach of any warranty shall be limited to Wadsworth Solutions insurance limits and to claims which are presented to Wadsworth Solutions in writing promptly upon discovery by the claimant.

Wadsworth Solutions would like to say thank you for the opportunity to work with you on this project. We appreciate and value your business. If you have any questions or concerns you may contact us directly at 419-861-8181.



**WADSWORTH SOLUTIONS**  
Providing Solutions for Secure, Energy Efficient Environments

# PROPOSAL

## Troy Public Library CCTV and Access Control Phase I

August 8, 2022

**Quote: MJH22-071**

To: Troy Public Library

510 West Big Beaver Road

Troy, Michigan 48084

Attention: Phillip Kwik

All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit.  
**Unless shown, prices quoted do not include federal or state sales taxes.**

### Cleveland

7851 Freeway Circle  
Middleburg Heights, OH 44130  
(216) 391-7263

### Columbus

9022 Cotter Street  
Lewis Center, OH 43035  
(380) 390-0260

### Toledo

1500 Michael Owens Way  
Perrysburg, OH 43551  
(419) 861-8181

### Youngstown

909 Sahara Trail, Unit C  
Boardman, OH 44514  
(234) 201-8820



**Scope of Work:** Wadsworth Solutions is pleased to provide the Troy Public Library with a quote to provide a CCTV solution along with the addition of access-controlled doors as discussed during a site visit and subsequent building prints.

Wadsworth Solutions will procure and install (2) Pelco Sarix enhanced fixed 3 mega pixel dome cameras, (3) Pelco Optera panomersive 12 mega pixel 180-degree surface mounted dome cameras, (1) Pelco Optera panomersive 12 mega pixel 360 degree in ceiling cameras, and (6) Pelco Video Expert camera licenses with 3 years of supplemental updates. This system will integrate to the Pelco Video Expert VMS platform that was quoted for phase II of this project. After speaking with Dennis Trantham it appears that Phase II will be pulled forward and be completed first. This quote **does not include** wire, labor to pull wire, or any network switches that may be needed. This was described at the time of the site visit as being provided by others.

Wadsworth Solutions will leverage the existing Schneider Electric Security Expert system to provide access control to the 3 door locations discussed during the site visit and detailed in the building print provided. Wadsworth Solutions will procure and install (1) Schneider Electric Security Expert purpose-built controller, (1) Schneider Electric Security Expert full DIN size 12VDC 4 amp intelligent power supply module with power cord, (2) Schneider Electric Security Expert mini half DIN sized 2 wired door expanders with Weigand or RS485 enabled reader ports, (1) DIN rail enclosure, (5) HID card readers, and (1) Life Safety Power 8 door back up power system.

This quote **does not include** any wire, labor to pull wire, or door hardware that may be needed. This was described at the time of the site visit as being provided by others.

- **Notable Exclusions:**
  - Unless annotated on this document, prices **do not** include local, state, or federal taxes.
  - All work to be performed during regular business hours (7:30 a.m. to 4:30 p.m.) Monday through Friday. Shift work, holidays, and weekend work all at different rates.
  - All proposals and quotations are for acceptance within 30 days of the date on this document. Pricing is subject to change subsequent of the 30-day time period.
  - Any services or equipment not listed in this document are not included.

**TOTAL AMOUNT :.....\$38,378.00**

Submitted By,

MJ Hill  
Security Sales Engineer  
Tel (419) 654-1867  
Fax (419) 861-3282

Email: [mjhill@wadsworthsolutions.com](mailto:mjhill@wadsworthsolutions.com)

CUSTOMER

WADSWORTH SOLUTIONS

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

Approved By \_\_\_\_\_

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

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

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

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

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

Title \_\_\_\_\_

**WADSWORTH SOLUTIONS SECURITY SYSTEM WARRANTY**

Security systems which are installed by Wadsworth Solutions on the premises of the ultimate user and within years after system commissioning fails because of defective workmanship, materials, design, or installation to operate at specified performance standards will be repaired or replaced without charge at the site. 3-Year Pelco Manufacture Equipment Warranty. 1-Year Wadsworth Solutions Labor Warranty. Warranty repairs will be performed under normal working hours (7:30-4:30PM EST). Projects, which require a phased start up, the warranty period will commence at the owner's beneficial use of the system or subsystems that have been commissioned. Unless otherwise stipulated in a written sales contract covering the Security devices, the phrase "specified performance standards" means that items will conform with data and specifications published by their manufacturer which are current when Wadsworth Solutions contracts to sell them. No failure of a control device or Security system shall affect any postponement of the time when payment is due under the contract whereby the same was sold by Wadsworth Solutions; No warranty service shall be provided for any control device or control system on which payment is overdue. Except for aforementioned, Wadsworth Solutions makes no warranty, either express or implied in fact or by law, with respect to any of the Security devices or control systems sold pursuant to this instrument as to the merchantability thereof, their fitness for the purpose for which they are sold, or in any other respect. The liability of Wadsworth Solutions Northwest resulting from any breach of any warranty shall be limited to Wadsworth Solutions insurance limits and to claims which are presented to Wadsworth Solutions in writing promptly upon discovery by the claimant.

Wadsworth Solutions would like to say thank you for the opportunity to work with you on this project. We appreciate and value your business. If you have any questions or concerns you may contact us directly at 419-861-8181.



**WADSWORTH SOLUTIONS**  
Providing Solutions for Secure, Energy Efficient Environments

# PROPOSAL

## Troy Public Library CCTV and Access Control Phase II

August 8, 2022

**Quote: MJH22-073**

To: Troy Public Library

510 West Big Beaver Road

Troy, Michigan 48084

Attention: Phillip Kwik

All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit.  
**Unless shown, prices quoted do not include federal or state sales taxes.**

### Cleveland

7851 Freeway Circle  
Middleburg Heights, OH 44130  
(216) 391-7263

### Columbus

9022 Cotter Street  
Lewis Center, OH 43035  
(380) 390-0260

### Toledo

1500 Michael Owens Way  
Perrysburg, OH 43551  
(419) 861-8181

### Youngstown

909 Sahara Trail, Unit C  
Boardman, OH 44514  
(234) 201-8820



**Scope of Work:** Wadsworth Solutions is pleased to provide the Troy Public Library with a quote to provide a CCTV solution as discussed during a site visit and subsequent building prints.

Wadsworth Solutions will procure and install (1) Pelco Video Expert 2<sup>nd</sup> generation 72 TB RAID 5 video storage server, (8) Pelco Sarix professional fixed 3 mega pixel dome cameras, (8) Pelco Sarix smoked domes, (4) Pelco wall mount brackets, (4) Pelco pendant mount arms, (2) Pelco Sarix professional in ceiling mounts, (1) 24 Port POE+ Switch, (8) Pelco Video Expert camera licenses with 3 years of supplemental upgrades, wire, and labor to pull wire to existing camera locations.

All of the material as listed above will replace existing analog cameras. The camera locations will remain the same. Wadsworth Solutions or their appointed delegate will use the existing analog cable as pull strings to pull the new cabling back to the existing data closet.

This phase of the project will actually supersede phase I. This quotation includes the cost of the VMS server that will need to be in place to support phase I. This quotation **does not** include any access control doors to be added to the system.

- **Notable Exclusions:**
  - Unless annotated on this document, prices **do not** include local, state, or federal taxes.
  - All work to be performed during regular business hours (7:30 a.m. to 4:30 p.m.) Monday through Friday. Shift work, holidays, and weekend work all at different rates.
  - All proposals and quotations are for acceptance within 30 days of the date on this document. Pricing is subject to change subsequent of the 30-day time period.
  - Any services or equipment not listed in this document are not included.

**TOTAL AMOUNT:.....\$57,290.00**

Submitted By,

MJ Hill  
Security Sales Engineer  
Tel (419) 654-1867  
Fax (419) 861-3282

Email: [mjhill@wadsworthsolutions.com](mailto:mjhill@wadsworthsolutions.com)



CUSTOMER

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

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

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

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

WADSWORTH SOLUTIONS

Approved By \_\_\_\_\_

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

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

Title \_\_\_\_\_

**WADSWORTH SOLUTIONS SECURITY SYSTEM WARRANTY**

Security systems which are installed by Wadsworth Solutions on the premises of the ultimate user and within years after system commissioning fails because of defective workmanship, materials, design, or installation to operate at specified performance standards will be repaired or replaced without charge at the site. 3-Year Pelco Manufacture Equipment Warranty. 1-Year Wadsworth Solutions Labor Warranty. Warranty repairs will be performed under normal working hours (7:30-4:30PM EST). Projects, which require a phased start up, the warranty period will commence at the owner's beneficial use of the system or subsystems that have been commissioned. Unless otherwise stipulated in a written sales contract covering the Security devices, the phrase "specified performance standards" means that items will conform with data and specifications published by their manufacturer which are current when Wadsworth Solutions contracts to sell them. No failure of a control device or Security system shall affect any postponement of the time when payment is due under the contract whereby the same was sold by Wadsworth Solutions; No warranty service shall be provided for any control device or control system on which payment is overdue. Except for aforementioned, Wadsworth Solutions makes no warranty, either express or implied in fact or by law, with respect to any of the Security devices or control systems sold pursuant to this instrument as to the merchantability thereof, their fitness for the purpose for which they are sold, or in any other respect. The liability of Wadsworth Solutions Northwest resulting from any breach of any warranty shall be limited to Wadsworth Solutions insurance limits and to claims which are presented to Wadsworth Solutions in writing promptly upon discovery by the claimant.

Wadsworth Solutions would like to say thank you for the opportunity to work with you on this project. We appreciate and value your business. If you have any questions or concerns you may contact us directly at 419-861-8181.

# City of Troy Preventative Maintenance Agreement

# PROPOSAL

---

Quote: #MJH22-MSA001

To: City of Troy  
500 Big Beaver Road  
Troy, Michigan 48084

August 8, 2022

Attention: Kurt Bovensiep and Dennis Trantham

## Cleveland

7851 Freeway Circle  
Middleburg Heights, OH 44130  
(216) 391-7263

## Columbus

9022 Cotter Street  
Lewis Center, OH 43035  
(380) 390-0260

## Toledo

1500 Michael Owens Way  
Perrysburg, OH 43551  
(419) 861-8181

## Youngstown

909 Sahara Trail, Unit C  
Boardman, OH 44514  
(204) 201-8820

### **Scope of Work:**

**Wadsworth Service** proposes to provide a planned preventative maintenance service program for your security recording equipment and access control system at the City of Troy (City Hall, Troy Library, Troy Community Center, Troy Fire/Police Training Center, Fire Station 1-6, Troy Family Aquatic Center, Troy Transit Center, and Troy Department of Public Works). This does not include any services for the Police Department.

In compliance with the conditions and terms set forth herein:

Under this agreement Wadsworth Solutions will inspect and perform preventative maintenance for the equipment in the security recording systems listed in Schedule "A" attached hereto. A competent, thoroughly trained Professional Service Technician, well qualified to keep your system operating properly, will be specifically assigned to handle your account. This service technician will provide 2 days of preventative maintenance each week for 50 weeks per year.

This is a preventative maintenance service agreement. Any emergency service or repair work will be covered up to the 40 hours included in this contract. Any parts or labor needed past the included 40 will be billed at the special Contract Customer.

**WS Standard Service Rate: \$132.00**

**WS Emergency Service Rate: \$185.00**

## **Security System Preventative Maintenance Services**

A special report of recommended improvements or necessary repairs to maintain system in proper operating condition will be rendered, as required. An itemized estimate of parts, material costs and approximate labor costs will be submitted, and no repairs or improvements will be undertaken without specific authorization.

### **I. STANDARD SERVICES PERFORMED**

At the time of regular preventative maintenance visits, Wadsworth Service will perform the following services, as necessary and where applicable, to keep your system operating properly:

#### **Planned Maintenance**

- ◆ Agreement includes planned maintenance on critical pieces of equipment in your security network, as delineated on the equipment list at the end of this document.
- ◆ Planned maintenance will be performed during normal business hours **(8:00 a.m. to 5:00 p.m., Monday through Friday)**, with the option for after-hour arrangements, if checked above.
- ◆ After completion, you will receive a planned maintenance finding report for your records.

#### **Workstations, Peripherals and Recording Devices**

- ◆ Includes checking workstation items such as fan operation, hard drive errors, operating system updates (if required).
- ◆ Includes checking playback quality and software/ viewer versions.

- ◆ Network Equipment and Field Controllers

#### **Field Devices (Cameras, Card Readers, Sensors, Power Supplies)**

- ◆ This option includes planned maintenance routines performed on Security Expert.
- ◆ System field devices connected to field controllers.
- ◆ Validate alarms. Results of the validation will verify reliability of critical systems components and identify any potential problems or component failure beyond calibration. Includes: testing sensor range, verifying pre-shot, and verifying alarm activation for sensors.
- ◆ Camera Inspection. Includes checking fan/heater, cleaning lenses, checking video, testing pre-shots for cameras. Includes checking system integration by checking camera call-up, checking functions between doors and intrusion alarms. Check firmware version and upgrades for IP cameras and Checking power supplies.

#### **System Upgrades**

- ◆ This option provides you with software upgrades for viewing software if available. You will receive the latest software revision and documentation. Depending on your system type, you may receive a subscription or a new software revision when software is released.
- ◆ We will update your system once a year with these updates. At that time, we will include on-site training to familiarize you these new features as they are added to your system, to be sure that you gain the full benefit of the latest product enhancements.

#### **Emergency Service**

- ◆ Standard services will be performed during Normal Business Hours (8:00 a.m. to 5:00 p.m., Monday through Friday), with the option for after- hour arrangements, if checked above. Services performed outside of Normal Business Hours will be billed according to your service rate. There is a one hour minimum for calls initiated after hours.

## **Security System Preventative Maintenance Services**

### **II. LIMITATIONS OF LIABILITIES AND INDEMNITIES**

That Wadsworth Service responsibility shall not include the following:

Breaching of governmental codes, regulations or insurance requirements.

That the customer shall assume responsibility and pay extra for all service and material required due to electrical power failure, low voltage, brown out, blown main fuses, or other work excluded from this agreement.

That Wadsworth Service shall not be required to remove or replace or alter any part of the building structure in the performance of this agreement.

That Wadsworth Service shall not be required to replace parts when they are obsolete, or original design changes are necessary.

That Wadsworth Service shall not be responsible for hauling, rigging and any emergency freight charges.

That Wadsworth Service shall not be responsible for operating noise levels.

That Wadsworth Service shall not be responsible for system design, operation or for maintaining system design conditions.

That Wadsworth Service shall not be liable for any losses or damage due to acts of government, labor unrest, war conditions, terrorism, vandalism, floods, fire, storms, acts of God, strike lockout, dispute with workmen, commercial delays, spoilage, or any other cause beyond reasonable control. It is expressly agreed that Wadsworth Service assumes no liability for negligence, misuse or failure whatsoever other than performance of the services herein set forth.

### **III. TERMS AND CONDITIONS**

All preventative work under this Agreement shall be performed during our regular working hours from 8:00 A.M. thru 5:00 P.M. Monday – Friday unless otherwise specified. Wadsworth Solutions will be granted remote access to the systems.

Reasonable means of access to equipment shall be provided during normal working hours.

Equipment shall be able to be started and stopped for reasonable periods of time to fulfill the terms of this agreement.

That all equipment and components are in operable and maintainable order upon conception of this agreement. Any repairs required to put the system(s) back into reasonable operating condition will be the responsibility of the customer.

Accept judgment of Wadsworth Service as to the best means and methods to be employed for any corrective or repair work necessary and to have repairs made promptly.

### **Security System Preventative Maintenance Services**

This service/preventive maintenance agreement shall remain in effect for the terms of agreement as specified herein, but Wadsworth Service shall have the option of modification or termination of this agreement if:

- A. The customer fails for more than 60 days to make a required payment.
- B. The customer voluntarily wishes to cancel this agreement and provides Wadsworth Service with thirty (30) days' notice of intent to cancel.
- C. The property is sold, transferred or deemed insolvent.
- D. Additions, alterations, repairs, or adjustments made to the equipment by others.

Material warranty is limited to that provided by the manufacturers allowed warranty. Labor warranty is 1 year. All warranty is limited to these terms.

This agreement shall remain in effect for one year from the date of system acceptance by the customer, and approval by Wadsworth Service. This contract will be revisited after 12 months from the date of system acceptance, at which time both parties can renew or terminate the agreement.

It is also agreed that the contract price may be adjusted at the end of each contract year based on our prevailing cost of labor, material, and equipment compared to such costs at the beginning of the previous year.

This proposal is based upon acceptance within thirty (30) days of presentation.

The indicated services shall be furnished by Wadsworth Service for **\$105,600** for a one-year maintenance agreement.

CUSTOMER

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

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

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

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

WADSWORTH SERVICE

Approved By \_\_\_\_\_

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

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

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

All quotations are for acceptance within 30 days. Contracts are not binding until this company has approved buyer's credit.  
Unless shown, prices quoted do not include federal or state sales taxes.

## **Security System Preventative Maintenance Services**

### **SCHEDULE "A"**

Wadsworth Service covers the following equipment under this Service Inspection Agreement:

**A. Security Xpert Access Control and Security System Consisting of:**

1. Schneider Electric Software
2. Manufacturer recommended Servers
3. High performance Workstations and Monitors
4. Controllers and Modules that Interface all Technologies
5. Lock and Module Power Supplies
6. Switches, Wiring and Cabling associated with Networking Aspects
7. User Peripherals such as Mobiles Devices and Integrations
8. Entry point devices such as Door Hardware, Card Readers, Maglocks, Door Strikes, Alarm Contacts.
9. Panic Buttons or Request to Exit Buttons

**B. Integrated Video Surveillance Systems Consisting of:**

1. Video Management Software
2. Data Management and Storage Servers
3. High Performance Computer Workstations
4. Battery Backup Devices
5. Camera Power Supplies and Power Injectors
6. Protocol Converters for PTZ Interfaces
7. Analog to IP Converters if necessary
8. CCTV Cameras

**TOTAL AMOUNT FOR EQUIPMENT AND SERVICES LISTED ABOVE:.....\$105,600**

Submitted By,

MJ Hill  
Senior Account Executive  
Cell (419) 654-1867  
Email: [mjhill@wadsworthsolutions.com](mailto:mjhill@wadsworthsolutions.com)

**CUSTOMER**

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

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

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

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

**WADSWORTH SOLUTIONS**

Approved By \_\_\_\_\_

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

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

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

**WADSWORTH SOLUTIONS SECURITY SYSTEM WARRANTY**

Security systems which are installed by Wadsworth Solutions on the premises of the ultimate user and within years after system commissioning fails because of defective workmanship, materials, design, or installation to operate at specified performance standards will be repaired or replaced without charge at the site. 3- Year Pelco Manufacture Equipment Warranty. 1-Year Wadsworth Solutions Labor Warranty. Warranty repairs will be performed under normal working hours (7:30-4:30PM EST). Projects, which require a phased start up, the warranty period will commence at the owner's beneficial use of the system or subsystems that have been commissioned. Unless otherwise stipulated in a written sales contract covering the Security devices, the phrase "specified performance standards" means that items will conform with data and specifications published by their manufacturer which are current when Wadsworth Solutions contracts to sell them. No failure of a control device or Security system shall affect any postponement of the time when payment is due under the contract whereby the same was sold by Wadsworth Solutions; No warranty service shall be provided for any control device or control system on which payment is overdue. Except for aforementioned, Wadsworth Solutions makes no warranty, either express or implied in fact or by law, with respect to any of the Security devices or control systems sold pursuant to this instrument as to the merchantability thereof, their fitness for the purpose for which they are sold, or in any other respect. The liability of Wadsworth Solutions Northwest resulting from any breach of any warranty shall be limited to Wadsworth Solutions insurance limits and to claims which are presented to Wadsworth Solutions in writing promptly upon discovery by the claimant.

Wadsworth Solutions would like to say thank you for the opportunity to work with you on this project. We appreciate and value your business. If you have any questions or concerns you may contact us directly at 419-861-8181.



A Special Meeting of the Troy City Council was held on August 15, 2022, at City Hall, 500 W. Big Beaver Rd. Mayor Baker called the meeting to order at 6:02 PM.

**A. ROLL CALL:**

Mayor Ethan Baker  
Edna Abraham  
Theresa Brooks  
Rebecca A. Chamberlain-Creanga  
Ann Erickson Gault  
David Hamilton  
Ellen Hodorek

**C. PUBLIC COMMENT:**

**D. BUSINESS STATED IN THE SPECIAL MEETING NOTICE:**

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**D-1 City of Troy Revenues**

City Manager Miller described the format and reason for this Meeting, and the next Special Meeting. He pointed out that this is informational only, and there are no revenue requests in this meeting.

Assistant City Manager Bob Bruner presented the topic of Revenues.

MPT Erickson Gault questioned the increased revenue in 2021, and Mr. Bruner answered that this was from COVID relief from the Federal government.

MPT Erickson Gault questioned the overall collections vs. the tax rate. Mr. Miller answered that other cities have significant revenue from city tax, that the City of Troy does not have.

CM Hamilton commented that Troy's tax revenue would be even lower if the refuse millage were removed, much like other cities that have separate millages for refuse. He said that this is similar to the fact that Troy has a full-time Police Department, where other cities contract with the Oakland County Sheriff. Mr. Bruner commented that these are some of the reasons why it's tricky to compare cities apples-to-apples.

CM Chamberlain-Creanga questioned how some communities were able to raise funds without increasing their General Fund tax rate. She questioned if they use specialized millages instead. Mr. Bruner said that this was a reason it's difficult to compare cities, so the model that he used encompasses all millages to compare. Mr. Miller added that while a rollback millage would raise some money, it's not so much that it would make a difference.

CM Brooks questioned if Federal grants fall into the "Everything Else" category slide, and Mr. Bruner said yes.

CM Brooks commented that it's interesting to see how flat our revenue has been for the past 20 years while other municipalities' revenues have increased.

CM Hodorek commented that being able to have this dialog up front helps when it comes time to discuss budget issues with neighbors.

CM Abraham commented that the tax bill is very clear about where the money goes, but she thinks the City needs to be very clear that the tax bill is paid at the City, but all the money doesn't go to the City, it gets distributed to the other taxing authorities. She said that about half the money paid by taxpayers goes to the school district.

Mayor Baker questioned if the revenues shown from other cities include debt millages, and does Troy's revenue reflect the fact that we don't have any outstanding debt. Mr. Bruner commented that the numbers in the presentation do reflect that Troy doesn't have any outstanding debt.

Mayor Baker commented on the population growth comparison between Troy and other cities like Novi. Mr. Bruner commented that Troy developed earlier than other places like Novi, or Macomb Township.

MPT Erickson Gault commented that Troy gets very little funding from CDBG. Mr. Miller commented that the formula to determine funding for a city involves housing stock, and percentage of low-to-moderate income persons. CM Brooks questioned how many cities collect city income tax, and Mr. Bruner said there are about 21 cities who have city income tax, and it only makes sense in very specific circumstances, and Troy doesn't fit those circumstances.

## **E. OTHER BUSINESS:**

## **F. ADJOURNMENT:**

The Meeting **ADJOURNED** at 6:56 PM.

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Mayor Ethan Baker

---

M. Aileen Dickson, MMC, MiPMC II  
City Clerk

Mayor Baker performed the Invocation. The Pledge of Allegiance to the Flag was given.

**A. CALL TO ORDER:**

A Regular Meeting of the Troy City Council was held on August 15, 2022, at City Hall, 500 W. Big Beaver Rd. Mayor Baker called the meeting to order at 7:31 PM.

**B. ROLL CALL:**

Mayor Ethan Baker  
Edna Abraham  
Theresa Brooks  
Rebecca A. Chamberlain-Creanga  
Ann Erickson Gault  
David Hamilton  
Ellen Hodorek

**C. CERTIFICATES OF RECOGNITION AND SPECIAL PRESENTATIONS:**

**C-1** Economic Development Update (*Presented by: Mark J. Adams, Economic Development Manager*)

**D. CARRYOVER ITEMS:**

**D-1** No Carryover Items

**E. PUBLIC HEARINGS:**

**E-1** No Public Hearings

**F. PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**

**G. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**

**H. POSTPONED ITEMS:**

**H-1** No Postponed Items

**I. REGULAR BUSINESS:**

**I-1** Board and Committee Appointments: a) Mayoral Appointments – None; b) City Council Appointments – Charter Revision Committee

a) Mayoral Appointments: None

**b) City Council Appointments:**

Resolution #2022-08-107  
Moved by Erickson Gault  
Seconded by Hamilton

RESOLVED, That Troy City Council hereby **APPOINTS** the following nominated person(s) to serve on the Boards and Committees as indicated:

**Charter Revision Committee**

Appointed by Council  
7 Regular Members  
3 Year Term

**Nominations to the Charter Revision Committee:****Term Expires: 4/30/2025****Tyler Fox**

Term currently held by: Shirley Kanoza – No Reappointment

Yes: All-7  
No: None

**MOTION CARRIED**

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**I-2 Board and Committee Nominations: a) Mayoral Nominations – None; b) City Council Nominations – None**

a) **Mayoral Nominations:** None

b) **City Council Nominations:** None

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**I-3 No Closed Session Requested**

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**I-4 Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds - HVAC Replacements at Fire/Police Training Center, Library and Historic Village; Standard Purchasing Resolution 4: OMNIA Partners Cooperative Purchasing Contract – Building Management System Controls Integration and Budget Amendments (*Introduced by: Dennis Trantham, Facilities and Grounds Operations Manager*)**

Resolution #2022-08-108  
Moved by Erickson Gault  
Seconded by Chamberlain-Creanga

RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted Capital funds to *Lennox Industries of Troy, MI* (Resolution #2021-07-113) for the purchase of HVAC

Equipment for the Fire/Police Training Center, Library and Historic Village for an estimated cost of \$110,814.57 as detailed in the attached quotes; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract for Building Management System integration for the Library to *MCMI Facility Automation of Sterling Heights, MI* for an estimated cost of \$24,340 as per the attached proposal and as per the OMNIA Partners Cooperative Purchasing Contract #R220703; not to exceed budgetary limitations.

BE IT FURTHER RESOLVED, That the Troy City Council hereby **APPROVES** a budget amendment in the amount of \$45,200 to the Library Capital Project Fund.

BE IT FURTHER RESOLVED, That the Troy City Council hereby **APPROVES** a budget amendment in the amount of \$10,000 to the Museum Capital Fund.

BE IT FINALLY RESOLVED, That the awards are **CONTINGENT** upon the submission of properly executed contract documents, including insurance certificates and all other specified requirements.

Yes: All-7  
No: None

#### MOTION CARRIED

---

#### **I-5 Budget Amendment and Standard Purchasing Resolution 4: Oakland County Purchasing Cooperative – Exterior Painting at Sanctuary Lake Club House (Introduced by: Dennis Trantham, Facilities and Grounds)**

Resolution #2022-08-109  
Moved by Abraham  
Seconded by Brooks

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract to *National Restoration Inc. of Milford, MI*, for the exterior painting of the Club House located at Sanctuary Lake Golf Course for an estimated amount of \$39,600 with a \$4,400 contingency for a total project cost of \$44,000 as detailed in the attached proposal and per the Oakland County Purchasing Cooperative Contract #005106.

BE IT FURTHER RESOLVED, That the Troy City Council hereby **APPROVES** a budget amendment in the amount of \$16,000 to the Sanctuary Lake Golf Course General Equipment Capital Project Fund.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed contract documents, including insurance certificates and all other specified requirements.

Yes: All-7  
No: None

#### MOTION CARRIED

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**I-6 Bid Waiver – MotoShot Moving Target Systems – Police Department (*Introduced by: Sergeant Dan Galich*)**

Resolution #2022-08-110

Moved by Baker

Seconded by Erickson Gault

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the formal bid process and **AWARDS** a contract to the manufacturer and sole source distributor *Hale Outdoor Products, LLC of Somerset, Wisconsin*, for two (2) MotoShot Elite AR-R Moving Target Systems and accessories for an estimated total amount of \$32,300.00 as per prices detailed in the attached quote; a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

Yes: All-7

No: None

**MOTION CARRIED**

---

**I-7 Bid Waiver – Bauer Breathing Air Compressor Purchase – Fire Department (*Introduced by: Peter Hullinger, Fire Chief*)**

Resolution #2022-08-111

Moved by Abraham

Seconded by Chamberlain-Creanga

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the formal bid process and **AWARDS** a contract to *Breathing Air Systems, Reynoldsburg, OH*, the authorized single source distributor for Bauer Compressor for the purchase and installation of two (2) Bauer air compressors and fill stations at Fire Station #2 and #4 for an estimated total cost of \$78,679.10.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon the contractor's submission of properly executed bid and contract documents, including bonds, insurance certificates and all other specified requirements.

Yes: All-7

No: None

**MOTION CARRIED**

---

**I-8 Request to Purchase Three Parcels, Rochester Road and Sylvanwood, Sidwell #88-20-10-426-030, -032, -033 and Budget Amendment (*Introduced by: Kurt Bovensiepe, Public Works Director*)**

Resolution #2022-08-112

Moved by Hodorek

Seconded by Erickson Gault

RESOLVED, That Troy City Council hereby **APPROVES** the attached Agreement to Purchase Realty for Public Purposes of three parcels having Sidwell #88-20-10-426-030, -032 and -033 for a total of \$350,000.

BE IT FURTHER RESOLVED, That Troy City Council **AUTHORIZES** the expenditure of funds for title commitments, closing and recording costs not to exceed \$7,500.

BE IT FURTHER RESOLVED, That Troy City Council **AUTHORIZES** a budget amendment to the Capital Fund-Park Development-Land Acquisition in the amount of \$357,500.

BE IT FURTHER RESOLVED, That Troy City Council **AUTHORIZES** the Mayor and City Clerk to **EXECUTE** the necessary documents to transfer ownership of the City-owned Cutting property having Sidwell #88-20-10-101-018 to Eureka Building Company.

BE IT FINALLY RESOLVED, That the City Clerk is hereby **DIRECTED** to **RECORD** all deeds with Oakland County Register of Deeds, copies of which shall be **ATTACHED** to the original Minutes of this meeting.

Yes: All-7

No: None

#### **MOTION CARRIED**

---

#### **I-9 2022 City Council Meeting Schedule (*Introduced by: Robert J. Bruner, Assistant City Manager*)**

Resolution #2022-08-113

Moved by Baker

Seconded by Erickson Gault

RESOLVED, That Troy City Council **SCHEDULES** Special Meetings for future budget planning at 6:00 PM on the following dates:

Monday, August 22, 2022

Monday, September 12, 2022

Monday, October 3, 2022

BE IT FURTHER RESOLVED, That Troy City Council **MAY RESCHEDULE** and/or **SCHEDULE** additional Special Meetings in accordance with the City Charter and Michigan Open Meetings Act.

Yes: All-7

No: None

#### **MOTION CARRIED**

---

#### **I-10 2022 City of Troy Advance Meeting Facilitation Consulting Services (*Introduced by: Mark F. Miller, City Manager*)**

Resolution #2022-08-114  
Moved by Brooks  
Seconded by Abraham

WHEREAS, Section 12.1 of the City Chapter directs City Management to obtain comparative prices for the purchase and sale of all materials except in the employment of professional services; and,

WHEREAS, All sales or purchases in excess of \$10,000 shall be approved by City Council and competitively bid except where Council shall determine that the public interest will be best served without obtaining sealed bids; and,

WHEREAS, Jaymes Vettraino has successfully provided services to the City;

THEREFORE, BE IT RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract for Advance Meeting Facilitation Consulting Services to *Vettraino Consulting, LLC of Michigan* for a not-to-exceed amount of \$8,875.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon the submission of properly executed documents, including insurance certificates and all other specified requirements.

Yes: All-7  
No: None

#### MOTION CARRIED

### J. CONSENT AGENDA:

---

#### J-1a Approval of "J" Items NOT Removed for Discussion

Resolution #2022-08-115-J-1a  
Moved by Abraham  
Seconded by Hamilton

RESOLVED, That Troy City Council hereby **APPROVES** all items on the Consent Agenda as presented.

Yes: All-7  
No: None

#### MOTION CARRIED

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#### J-1b Address of "J" Items Removed for Discussion by City Council

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#### J-2 Approval of City Council Minutes

Resolution #2022-08-115-J-2

RESOLVED, That Troy City Council hereby **APPROVES** the following Minutes as submitted:



- a) City Council Meeting Minutes-Draft – July 25, 2022

---

**J-3 Proposed City of Troy Proclamations: None Submitted**

---

**J-4 Standard Purchasing Resolutions:**

- a) **Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Fire Station #2 Roof Ventilation Repair Assessment and Design Services**

Resolution #2022-08-115-J-4a

RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted funds to *OHM Advisors, of Livonia, MI*, for Fire Station #2 Roof Ventilation Repair Assessment and Design Services for a total estimated cost of \$10,500.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon contractor's submission of properly executed contract documents, including insurance certificates and all other specified requirements.

- b) **Standard Purchasing Resolution 4: MiDEAL Cooperative Purchasing Agreement – MPSCS P25 Radio System Upgrade – Troy Police Department**

Resolution #2022-08-115-J-4b

RESOLVED, That in the best interest of the City, Troy City Council hereby **WAIVES** the bid process and **AWARDS** a contract for the purchase of the MPSCS P25 hand-held radios and accessories to *Motorola Solutions, Inc of Schaumburg, IL*, as detailed in the attached quote and as per the State of Michigan MiDEAL Cooperative Purchasing Contract #190000001544 for an estimated cost of \$192,327.65 and grant authorization to pay \$7,000.00 to Oakland County/State of Michigan for user access fees, for an estimated total cost of \$199,327.65; not to exceed budgetary limitations.

- c) **Standard Purchasing Resolution 9: Approval to Expend Funds for Membership Dues and Renewals Over \$10,000 – Southeast Michigan Council of Governments (SEMCOG)**

Resolution #2022-08-115-J-4c

RESOLVED, That Troy City Council hereby **GRANTS** approval to pay membership dues to the Southeast Michigan Council of Governments (SEMCOG) in the amount of \$10,831.00, which covers the time period of July, 2022 to July, 2023.

- d) **Standard Purchasing Resolution 10: Travel Authorization and Approval to Expend Funds for Troy City Council Member Travel – 2022 Michigan Municipal League Convention**

Resolution #2022-08-115-J-4d

RESOLVED, That Troy City Council hereby **AUTHORIZES** City Council Member travel expenses for the Michigan Municipal League 2022 Convention, in accordance with accounting procedures of the City of Troy.

**e) Standard Purchasing Resolution 1: Award to Low Bidder – Contract 22-01 – PRV No. 7 Rehabilitation**

Resolution #2022-08-115-J-4e

RESOLVED, That Troy City Council hereby **AWARDS** Contract No. 22-01, PRV No. 7 Rehabilitation, to *Trojan Development Company, Inc., 2260 Metamora Rd., Oxford, MI 48371*, for their low bid of \$746,482.75.

BE IT FURTHER RESOLVED, That the award is **CONTINGENT** upon submission of proper contract and bid documents, including bonds, insurance certificates and all specified requirements, and if additional work is required such additional work is authorized in an amount not to exceed 20% of the total project cost.

**f) Standard Purchasing Resolution 5: Approval to Expend Budgeted Funds – Inclusive Park Master Planning Design with Community Development Block Grant Funding in Section 9**

Resolution #2022-08-115-J-4f

RESOLVED, That Troy City Council hereby **APPROVES** expending budgeted funds to *OHM Advisors, of Livonia, MI*, for the master planning design of a new inclusive park for a total estimated cost of \$15,500.

BE IT FINALLY RESOLVED, That the award is **CONTINGENT** upon contractor's submission of properly executed contract documents, including insurance certificates and all other specified requirements.

---

**J-5 Traffic Committee Recommendations and Minutes – July 20, 2022**

Resolution #2022-08-115-J-5

**4. Request to Remove No Parking Restrictions – Hickory Drive, Plum Drive to Kirkton Drive**

RESOLVED, That **NO CHANGE** be made to the existing No Parking zone on the south side of Hickory Drive, from Plum Drive to Kirkton Drive.

**5. Request to Extend No Parking Zone – Bellows Court**

RESOLVED, That the existing No Parking zone on Bellows Court **BE MODIFIED** to start at the property line between 3555 Bellows Court and 3563 Bellows Court.

**6. Request for Traffic Control – Forge Drive at Kettle Drive**

RESOLVED, That the intersection of Forge Drive at Kettle Drive **BE MODIFIED** from YIELD control on the Kettle Drive approach to STOP control on the Kettle Drive approach to the intersection.

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**J-6 Request for Acceptance of a Permanent Public Utility Easement, Rochester Road Improvement Project, Barclay to Trinway, Project No. 02.206.5, Parcel #117, Catalpa Tree Properties, LLC**

Resolution #2022-08-115-J-6

RESOLVED, That Troy City Council hereby **ACCEPTS** the Permanent Public Utility Easement from Catalpa Tree Properties, LLC, owner of property having Sidwell #88-20-10-427-061.

BE IT FURTHER RESOLVED, That Troy City Council hereby **AUTHORIZES** the compensation amount of \$4,300.00, plus closing and recording costs.

BE IT FINALLY RESOLVED, That the City Clerk is hereby **DIRECTED** to **RECORD** the Permanent Public Utility Easement with Oakland County Register of Deeds, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

---

**J-7 Changes to Union Clothing and Cleaning Allowances – Additional Union (TPOA)**

Resolution #2022-08-115-J-7

WHEREAS, The methods for providing Clothing and Cleaning Allowances to unions are detailed in each respective collective bargaining agreement; and,

WHEREAS, The City must change some of the current processes to become compliant with IRS requirements for taxable earnings; and,

WHEREAS, The City has offered recommended contract language changes to which the Troy Police Officers Association (TPOA) has agreed;

THEREFORE, BE IT RESOLVED, That Troy City Council hereby **APPROVES** the contract language changes to Article 39 – Clothing and Cleaning Allowance for TPOA.

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**J-8 Request for Acceptance of a Permanent Easement from Vesta Homes, Inc., Sidwell #88-20-36-201-001, -002, -003, and -004**

Resolution #2022-08-115-J-8

RESOLVED, That Troy City Council hereby **ACCEPTS** a permanent easement for storm sewers and surface drainage from Vesta Homes, Inc., owner of the properties having Sidwell #88-20-36-201-001, -002, -003 and -004.

BE IT FURTHER RESOLVED, That the City Clerk is hereby **DIRECTED** to **RECORD** the permanent easement with Oakland County Register of Deeds, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

---

**J-9 Request for Acceptance of a Permanent Easement from Elan Associates, LLC and Bortolotti Industrial Park Condominium Association, Sidwell #88-20-36-426-093**

Resolution #2022-08-115-J-9

RESOLVED, That Troy City Council hereby **ACCEPTS** a permanent easement for water mains from Elan Associates, LLC and Bortolotti Industrial Park Condominium Association for the property having Sidwell #88-20-36-426-093.

BE IT FURTHER RESOLVED, That the City Clerk is hereby **DIRECTED** to **RECORD** the permanent easement with Oakland County Register of Deeds, a copy of which shall be **ATTACHED** to the original Minutes of this meeting.

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**J-10 2022/2023 Capital Budget Re-Appropriations**

Resolution #2022-08-115-J-10

RESOLVED, That Troy City Council hereby **APPROVES** the re-appropriation of fiscal year 2022 Capital budget funds to fiscal year 2023, as outlined in the memorandum.

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**K. MEMORANDUMS AND FUTURE COUNCIL AGENDA ITEMS:**


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**K-1 Announcement of Public Hearings: None Submitted**


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**K-2 Memorandums (Items submitted to City Council that may require consideration at some future point in time): None Submitted**


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**L. PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**

Sam Muftari	Commented that he has opposition to a future rezoning item
Odetta Fecani	Commented that she has opposition to a future rezoning item

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**M. CITY COUNCIL/CITY ADMINISTRATION RESPONSE/REPLY TO PUBLIC COMMENT FOR ITEMS NOT ON THE AGENDA FROM TROY RESIDENTS AND BUSINESSES:**


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**N. COUNCIL REFERRALS:**

Items Advanced to the City Manager by the Mayor and City Council Members for Placement on the Agenda

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**N-1 No Council Referrals Submitted**


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**O. REPORTS:**


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**O-1 Minutes – Boards and Committees:**

- a) Building Code Board of Appeals-Final – May 4, 2022
  - b) Planning Commission-Final – July 26, 2022
- Noted and Filed

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**O-2 Department Reports:**

- a) Capital Project Update – Fiscal Year 2023
- b) Master Plan Update

Noted and Filed

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**O-3 Letters of Appreciation:**

- a) To City Clerk's Office Staff from Robin Beltramini Regarding Drive-Through Event Success
- b) To Engineering from Michelle and Anthony Bray-Cotton Regarding Assistance with AT&T Yard Repairs
- c) To Engineering and DPW from Dave Halter Regarding Assistance with Rear Yard Storm Drain

Noted and Filed

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**O-4 Proposed Proclamations/Resolutions from Other Organizations: None Submitted**

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**O-5 Public Hearing for the Customers of DTE Gas Company – Case No. U-20817**

Noted and Filed

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**P. COUNCIL COMMENTS:**

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**P-1 Council Comments**

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**Q. PUBLIC COMMENT FOR ITEMS ON OR NOT ON THE AGENDA FROM MEMBERS OF THE PUBLIC OUTSIDE OF TROY (NOT RESIDENTS OF TROY AND NOT FROM TROY BUSINESSES):**

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**R. CLOSED SESSION**

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**R-1 No Closed Session**

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**S. ADJOURNMENT:**

The Meeting **ADJOURNED** at 8:26 PM.

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Mayor Ethan Baker

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M. Aileen Dickson, MMC, MiPMC II  
City Clerk

**2022 SCHEDULED SPECIAL CITY COUNCIL MEETINGS:**

November 19, 2022..... City of Troy Advance

**2022 SCHEDULED REGULAR CITY COUNCIL MEETINGS:**

August 15, 2022 ..... Regular Meeting  
August 22, 2022 ..... Regular Meeting  
September 12, 2022..... Regular Meeting  
September 19, 2022..... Regular Meeting  
October 3, 2022..... Regular Meeting  
October 24, 2022..... Regular Meeting  
November 14, 2022..... Regular Meeting  
November 21, 2022..... Regular Meeting  
December 5, 2022..... Regular Meeting  
December 12, 2022..... Regular Meeting

**PROCLAMATION CELEBRATING  
ATHARVA DHARPHALE, ZACHARY BALCOFF, AND ALICIA WANG  
FOR WINNING TOP HONORS  
IN THE 2022 OAKLAND COUNTY FINANCE LITERACY ART CONTEST**

**WHEREAS**, The Oakland County Treasurer’s Office has hosted an annual Finance Literacy Arts Contest for the past 11 years; and

**WHEREAS**, Oakland County public high school students were invited to submit 2-D and multi-media/video pieces of art related to the importance of financial empowerment. The contest winners receive cash prizes from a \$10,000 sponsorship by Flagstar Bank; and

**WHEREAS**, The 91 student art submissions included an array of mediums including 2-D (drawing, painting, photography, mixed media and illustration) and video. Entries were judged on creativity, artistic execution, and incorporation of the financial empowerment theme; and

**WHEREAS**, The Oakland County Treasurer's Office announced the 2022 Financial Literacy Arts contest winners in partnership with Oakland Schools, Flagstar Bank, and the Oakland Livingston Human Services Agency; and

**WHEREAS**, **Atharva Dharphale**, a senior at Athens High School, took home the top prize in the 12th grade division with his "Teach a Child to Fish" drawing. Troy High School junior **Zachary Balcoff** won the 11th grade top prize with his "Beyond the Bank" drawing, and Athens High School sophomore **Alicia Wang** earned the 10th grade's top prize with her "Reality of Debt" drawing;

**NOW, THEREFORE, BE IT RESOLVED**, That the Mayor and City Council of the City of Troy hereby applaud and congratulate **Atharva Dharphale, Zachary Balcoff, and Alicia Wang** on winning top honors for their grade levels in the 2022 Oakland County Finance Literacy Art Contest; and

**BE IT FURTHER RESOLVED**, That the Mayor and City Council of the City of Troy invite all residents to recognize and celebrate the talent and creativity of Troy School District students **Atharva Dharphale, Zachary Balcoff, and Alicia Wang**.

**Presented this 12<sup>th</sup> Day of September 2022**



# CITY COUNCIL AGENDA ITEM

Date: August 22, 2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Rob Maleszyk, Chief Financial Officer  
Dee Ann Irby, Controller  
Kurt Bovensiep, Public Works Director  
Dennis Trantham, Facilities and Grounds Operations Manager  
Emily Frontera, Purchasing Manager

Subject: Standard Purchasing Resolution 4: Oakland County Cooperative Purchasing Contract – DPW Grounds Maintenance Garage Exterior Repairs

---

**History**

- The current Grounds Maintenance Garage is part of the original Department of Public Works and acted as the Fleet Maintenance Garage in the early years.
- In FY20 City Council approved replacing the roof (Resolution #2020-08-119-J-4e).
- In FY21 City Council approved primary and secondary electrical panel distribution upgrades (Resolution #2021-04-049-J-4d).
- The DPW Grounds Maintenance Garage exterior repairs were identified in the Facilities Condition Assessment and Analysis.

**Purchasing**

- Pricing to provide the labor, materials, and equipment for the DPW Grounds Maintenance Garage Exterior Repairs has been secured from *National Restoration, of Milford, MI* through the Oakland County Purchasing Cooperative Contract #005106 as detailed in the attached quote dated August 8, 2022.
- City Council authorized participation in the Cooperative Purchasing Program on November 8, 2021 (Resolution #2021-11-160).

**Financial**

Funds are budgeted and available in the Public Works Capital Fund under Project Number 2023C0038 for the 2023 fiscal year. Expenditures will be charged to account number 401.464.7975.900.

**Recommendation**

City Management recommends awarding a contract to *National Restoration, of Milford, MI* for the DPW Grounds Maintenance Garage Exterior Repairs for an estimated amount of \$15,500 as per the Oakland County Cooperative Purchasing Contract #005106, not to exceed budgetary limitations.



# NATIONAL RESTORATION INC.

2021 RECIPIENT OF THE GOVERNOR'S AWARD FOR HISTORIC PRESERVATION!

---

2165 Fyke DR.

Milford, MI. 48381

248-802-8052

Joshf@nationalrestoration.net

August 8, 2022

Preserving America's Landmarks!!

Mr. Joe Lagarde

Operations Manager, Facilities and Grounds

City of Troy, MI

500 West Big Beaver Road

Troy, MI 48084

Cell 248-953-0652

## **RE: Troy DPW Parks Garage**

Mr. Lagarde,

Per our onsite meeting, we are proposing to provide, all material, labor and equipment needed to complete the following items of work.

### **Scope of Work:**

- Mobilize
- Remove up to 50 CMU block in the parks garage.
- We will remove no more than 5' of block at a time to make sure the structure stays safe this is the limit on removing block at the base wall for safety.
- It might be necessary to remove block above the deteriorated block to grout fill the newly installed CMU block.
- Apply a waterproofing mastic to the outside wall after block work is complete this will help with the water and salt infiltration that has caused the deterioration of block, Mastic will be applied 12-18" above grade.
- In the past we have disposed of debris on site, if this is not possible we will need to add a dumpster to cost.
- Jobsite cleanup.
- **Cost \$ 15,500.00**
- This is to be completed per our maintenance contract rates with Oakland County purchasing

### **Exclusions:**

- Cost for permits and inspections
- Prevailing wages
- Premium time

We appreciate the opportunity to quote your work. If you have any questions or concerns, please contact me.

Sincerely,

Josh Fletcher, Superintendent



## CITY COUNCIL AGENDA ITEM

Date: 08/16/2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Peter E. Hullinger, Fire Chief  
Paul H. Firth, Deputy Fire Chief

Subject: Fireworks Permit for Troy Family Daze 2022

---

The Fire Department has received a permit application from Great Lakes Fireworks, LLC of Eastpointe, Michigan, for a public firework display to be conducted at the Troy Family Daze Festival at the Troy Civic Center Complex, near the intersection of Town Center Dr. and Civic Center Dr.

### Background

Michigan law requires that before anyone can conduct a fireworks display, a permit must be obtained from the local unit of government. The law states that any person or group that would like to conduct a fireworks display must apply to the local unit of government for a permit. The law defines local unit of government as the council or commission of a city or village, or the township board of a township.

Great Lakes Fireworks, LLC, is requesting that the Troy City Council grant a permit for a public firework display to occur at the Troy Family Daze Festival on the evening of Saturday, September 17, 2012, or the rain date of Sunday, September 18, 2022.

Great Lakes Fireworks, LLC has provided a certificate of liability insurance, and the resident agent is Mr. Barry J. Beltz of Eastpointe, Michigan. North Woodward Community Foundation will comply with the requirement to provide insurance, with the City of Troy as an additional named insured, no later than ten (10) business days before the event.

### Recommendation

The Fire Department has met with the applicants and reviewed the permit application and supporting documentation, and recommends that City Council issue a firework permit to North Woodward Community Foundation of Troy together with Great Lakes Fireworks, LLC.

### Legal Review

This item was submitted to the City Attorney for review pursuant to City Charter Section 3.17.



500 West Big Beaver  
Troy, MI 48064  
troymi.gov

## FIREWORKS PERMIT APPLICATION

Fire Prevention Division  
248.524.3419

This permit application is for the ignition, discharge, and use of consumer fireworks; agricultural or wildlife fireworks; articles pyrotechnic; display fireworks; or special effects fireworks, in the City of Troy, at the listed location as defined by Michigan Act 256, PA 2011, titled, "Michigan Fireworks Safety Act" and stipulated by Troy City Code, Chapter 93, titled "Fire Prevention." This application permit must be filed no less than 30 days prior to the intended date of such ignition, discharge, or use, and shall be accompanied by a site plan and product inventory. A **\$180.00** application fee is to be paid upon submittal of this application. Make check or money order payable to the City of Troy. The approved permit shall expire 10 days from the date of issue and shall be on site while fireworks are being used. **Fireworks shall not be discharged between the hours of 11PM and 8AM.**

Application Date: 08/11/22

Applicant Name: Troy Family Daze / Troy Community Foundation Date of Birth: \_\_\_\_\_

Applicant Address: P O Box 861 Troy, MI 48099 Phone: (313) 980-1573

Date(s) of Use: 09/17/22 to: 09/18/22 Time(s) of Use: 9:30 PM to: 10:00 PM

Address of where fireworks are to be used: 3179 Livernois, Troy, MI 48064

### ITEMS TO SUBMIT *(Electronically, If Possible):*

Fireworks Description: ☒ Insurance Documents: ☒ Site Plan: ☒ HMIS: ☒

I hereby acknowledge that I have read this permit application and that the information given is correct. I understand that if approved, the permit is non-transferable. I further understand that the permit application fee is non-refundable and will not be returned if this application is denied.

This permit application shall include an approved Hazardous Materials Inventory Statement (HMIS) upon submittal and may be subject to associated fees, payable to the City of Troy, upon issuance of this permit. The HMIS, and its directions, can be found on the internet at: [http://troymi.gov/departments/fire\\_department/permit\\_applications.php](http://troymi.gov/departments/fire_department/permit_applications.php)

Applicant Signature: Pete Shivers Date Signed: 8/11/22

(This section to be completed by Fire Department)

Inspection Date: \_\_\_\_\_ Requirements Met: Yes No

Inspector: \_\_\_\_\_ Permit Approved: Yes No Date: \_\_\_\_\_

Permit Issue Date: \_\_\_\_\_ Permit #: \_\_\_\_\_ Premise #: \_\_\_\_\_

Terms & Conditions: \_\_\_\_\_

# 2022 Application for Fireworks Other Than Consumer or Low Impact

FOR USE BY LEGISLATIVE BODY  
OF CITY, VILLAGE OR TOWNSHIP  
BOARD ONLY

ADDRESS OF ASSISTANT  
ADDRESS OF ASSISTANT  
ADDRESS OF ASSISTANT  
ADDRESS OF ASSISTANT

DATE PERMIT(S) EXPIRE:  
1seville MI 48066

Authority: 2011 PA 256

The LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD will not discriminate against any individual or group because of race, sex, religion, age, national origin, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc. under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board.

TYPE OF PERMIT(S) (Select all applicable boxes)

☐ Agricultural or Wildlife Fireworks

☒ Public Display

☐ Special Effects Manufactured for Outdoor Pest Control or Agricultural Purposes

☐ Articles Pyrotechnic

☒ Display Fireworks

☐ Private Display

NAME OF APPLICANT

North Woodward Community Foundation

ADDRESS OF APPLICANT

P.O. Box 861 Troy, MI 48099

AGE OF APPLICANT 18 YEARS OR OLDER

☒ YES ☐ NO

NAME OF PERSON OR RESIDENT AGENT REPRESENTING CORPORATION, LLC, DBA OR OTHER

Bruce Tyree

ADDRESS OF PERSON OR RESIDENT AGENT REPRESENTING CORPORATION, LLC, DBA OR OTHER

P.O. BOX 276 West Branch, MI 48661

IF A NON-RESIDENT APPLICANT (LIST NAME OF MICHIGAN ATTORNEY OR MICHIGAN RESIDENT AGENT)

ADDRESS (MICHIGAN ATTORNEY OR MICHIGAN RESIDENT AGENT)

TELEPHONE NUMBER

NAME OF PYROTECHNIC OPERATOR

Great Lakes Fireworks, LLC

ADDRESS OF PYROTECHNIC OPERATOR

3275 W. M-76, PO Box 276  
West Branch, MI 48661

AGE OF PYROTECHNIC OPERATOR 18 YEARS OR OLDER

☒ YES ☐ NO

NO. YEARS EXPERIENCE

20+

NO. DISPLAYS

200+

WHERE

Throughout Michigan

NAME OF ASSISTANT

Dale VandeVrede

ADDRESS OF ASSISTANT

93 S. Wilson Blvd., Mt. Clemens, MI 48043

AGE OF ASSISTANT 18 YEARS OR OLDER

☒ YES ☐ NO

NAME OF OTHER ASSISTANT

Dave Wojciechowski

ADDRESS OF ASSISTANT

19315 Connecticut, Roseville, MI 48066

AGE OF OTHER ASSISTANT 18 YEARS OR OLDER

☒ YES ☒ NO

EXACT LOCATION OF PROPOSED DISPLAY

3179 Livernois, Troy, MI 48085 On athletic Field west of building

DATE OF PROPOSED DISPLAY

9/17/2022 (Rain:9/18/2022)

TIME OF PROPOSED DISPLAY

Approx. Dusk

MANNER AND PLACE OF STORAGE, SUBJECT TO APPROVAL OF LOCAL FIRE AUTHORITIES, IN ACCORDANCE WITH NFPA 1123, 1124 & 1126 AND OTHER STATE OR FEDERAL REGULATIONS. PROVIDE PROOF OF PROPER LICENSING OR PERMITTING BY STATE OR FEDERAL GOVERNMENT

Stored at federally licensed facility until date of display.

AMOUNT OF BOND OR INSURANCE (TO BE SET BY LOCAL GOVERNMENT)

\$5,000,000

NAME OF BONDING CORPORATION OR INSURANCE COMPANY

Britton Gallagher

ADDRESS OF BONDING CORPORATION OR INSURANCE COMPANY

One Cleveland Center 1375 East 9th St, 30th Floor, Cleveland, OH 44114 USA

NUMBER OF FIREWORKS

Approx.

KIND OF FIREWORKS TO BE DISPLAYED (Please provide additional pages as needed)

Approx. 324

3" Shells

Approx. 108

4" shells

Approx. 5

Various barrage cakes 3" and smaller

SIGNATURE OF APPLICANT

*Bruce Tyree*

DATE

5/19/2022



## 2022 Permit for Fireworks Other Than Consumer or Low Impact

Authority: 2011 PA 256	The LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD will not discriminate against any individual or group because of race, sex, religion, age, national origin, marital status, disability, or political beliefs. If you need assistance with reading, writing, hearing, etc. under the Americans with Disabilities Act, you may make your needs known to this Legislative Body of City, Village or Township Board.
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*This permit is not transferable. Possession of this permit authorizes the herein named person to possess, transport and display fireworks in the amounts, for the purpose of an at the place listed below only through permit expiration date.*

TYPE OF PERMIT(S) (Select all applicable boxes) <input type="checkbox"/> Agricultural or Wildlife Fireworks <input type="checkbox"/> Articles Pyrotechnic <input checked="" type="checkbox"/> Display Fireworks  <input checked="" type="checkbox"/> Public Display <input type="checkbox"/> Private Display  <input type="checkbox"/> Special Effects Manufactured for Outdoor Pest Control or Agricultural Purposes		FOR USE BY LEGISLATIVE BODY OF CITY, VILLAGE OR TOWNSHIP BOARD ONLY.  PERMIT(S) EXPIRATION DATE (ENTER DATE OF EXPIRATION)
NAME OF PERSON PERMIT ISSUED TO <b>North Woodward Community Foundation</b>		AGE (18 YEARS OR OLDER) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
ADDRESS OF PERSON PERMIT ISSUED TO <b>1120 E. Long Lake Rd. Troy, MI 48085</b>		
NAME OF ORGANIZATION, GROUP, FIRM OR CORPORATION		
ADDRESS		
NUMBER AND TYPES OF FIREWORKS (Please attach additional pages if necessary) Approx. 324 3" Shells Approx. 108 4" Shells Approx. 5 Various Barrage Cakes 3" and smaller		
EXACT LOCATION OF DISPLAY OR USE <b>Atheletic Fields west side of building at 3179 Livernois, Troy, MI 48085</b>		
CITY, VILLAGE, TOWNSHIP  <b>Troy</b>	DATE <b>09/17/2022</b> (Rain date 09/18/2022)	TIME <b>Approx. Dusk</b>
BOND OF INSURANCE FILED <b>Yes</b>		AMOUNT <b>\$5,000,000</b>

Issued by action of the Legislative Body of a  <input type="checkbox"/> City <input type="checkbox"/> Village <input type="checkbox"/> Township of _____ on the _____ day of _____, 2022.  <div style="text-align: center; border-top: 1px solid black; margin-top: 20px;">             (Signature and Title of Legislative Body Representative)           </div>
---

\*THIS FORM IS VALID UNTIL THE DATE OF EXPIRATION OF PERMIT\*



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

5/19/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Britton-Gallagher and Associates, Inc. One Cleveland Center, Floor 30 1375 East 9th Street Cleveland OH 44114	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): 216-658-7100 E-MAIL ADDRESS: info@brittongallagher.com		<b>FAX (A/C, No):</b> 216-658-7101
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> Great Lakes Fireworks LLC 3275 W M76 P.O. Box 276 West Branch MI 48661	<b>INSURER A :</b> Everest Indemnity Insurance Co.		10851
	<b>INSURER B :</b> Everest Denali Insurance Company		16044
	<b>INSURER C :</b> Axis Surplus Ins Company		26620
	<b>INSURER D :</b>		
	<b>INSURER E :</b>		
<b>INSURER F :</b>			

**COVERAGES**

CERTIFICATE NUMBER: 2097580026

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	SI8GL01969-221	1/21/2022	1/21/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	SI8CA00273-221	1/21/2022	1/21/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION \$	Y	Y	P-001-000798280-01	2/4/2022	1/21/2023	EACH OCCURRENCE \$ 4,000,000 AGGREGATE \$ 4,000,000 \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A				PER STATUTE <input type="checkbox"/> OTH-ER <input type="checkbox"/> E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Additional Insured extension of coverage is provided by above referenced General Liability policy where required by written agreement.  
Display Date: September 17, 2022 Rain Date: September 18, 2022 Location: Athletic Field to the west of building at 3179 Livernois Troy, MI

RE: General Liability, the Following are named as additional insured in respects to the negligence of the named insured:

The city of Troy and all its elected and appointed officials, boards, committees, volunteers, and/or other authorities.

**CERTIFICATE HOLDER****CANCELLATION**

North Woodward Community Foundation 1120 East Long Lake Road Troy MI 48085	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE 

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# Troy Daze fireworks site plan

## Legend

3179 Livernois Rd



Google Earth

© 2018 Google



500 West Big Beaver  
Troy, MI 48084  
troymi.gov

J-06

## CITY COUNCIL AGENDA ITEM

Date: 08/16/2022

To: Mark F. Miller, City Manager

From: Robert J. Bruner, Assistant City Manager  
Peter E. Hullinger, Fire Chief  
Paul H. Firth, Deputy Fire Chief

Subject: Fireworks Permit – 2022 Saint Joseph Chaldean Catholic Church 2022

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### Background

The Fire Department has received a permit application from Saint Joseph Chaldean Catholic Church of Troy, Michigan to conduct a public firework display to support the annual Feast of the Cross, which is a catholic holy day. The church is requesting the Troy City Council grant a permit for a public firework display to occur on September 14, 2022 from 8:00PM to 8:20PM. During this time, Consumer Grade Fireworks are planned to be discharged from the south side of the church property which is located at 2442 East Big Beaver Road, Troy, Mi. 48083. The site is large enough to accommodate the necessary distances for the display. David Kajj (Church Official), will be the fireworks operator and responsible individual for the event.

Michigan law requires that before anyone can conduct a fireworks display, a permit must be obtained from the local unit of government. The law states that any person or group that would like to conduct a fireworks display must apply to the local unit of government for a permit. The law defines local unit of government as the council or commission of a city or village, or the township board of a township. Saint Joseph Chaldean Catholic church has submitted the necessary documentation (including proof of insurance), required for the permit.

### Recommendation

The Fire Department has reviewed the permit application and associated documents and recommends that City Council approves the fireworks permit for Saint Joseph Chaldean Catholic Church.

### Legal Review

This item was submitted to the City Attorney for review pursuant to City Charter Section 3.17.





500 West Big Beaver  
Troy, MI 48084  
troymi.gov

## FIREWORKS PERMIT APPLICATION

Fire Prevention Division  
248.524.3419

This permit application is for the ignition, discharge, and use of consumer fireworks; agricultural or wildlife fireworks; articles pyrotechnic; display fireworks; or special effects fireworks, in the City of Troy, at the listed location as defined by Michigan Act 256, PA 2011, titled, "Michigan Fireworks Safety Act" and stipulated by Troy City Code, Chapter 93, titled "Fire Prevention." This application permit must be filed no less than 30 days prior to the intended date of such ignition, discharge, or use, and shall be accompanied by a site plan and product inventory. A **\$180.00** application fee is to be paid upon submittal of this application. Make check or money order payable to the City of Troy. The approved permit shall expire 10 days from the date of issue and shall be on site while fireworks are being used. **Fireworks shall not be discharged between the hours of 11PM and 8AM.**

Application Date: 08/07/22

Applicant Name: SAINT JOSEPH CHALDEAN CATHOLIC CHURCH Date of Birth: \_\_\_\_\_

Applicant Address: 2442 E BIG BEAVER RD. TROY, MI 48083 Phone: (248) 974-6143

Date(s) of Use: 09/14/22 to: 09/14/22 Time(s) of Use: 8:00PM to: 8:20PM

Address of where fireworks are to be used: 2442 E BIG BEAVER RD, TROY, MI 48083

### ITEMS TO SUBMIT (Electronically, If Possible):

Fireworks Description: ☒ Insurance Documents: ☒ Site Plan: ☒ HMIS: ☐

I hereby acknowledge that I have read this permit application and that the information given is correct. I understand that if approved, the permit is non-transferable. I further understand that the permit application fee is non-refundable and will not be returned if this application is denied.

This permit application shall include an approved Hazardous Materials Inventory Statement (HMIS) upon submittal and may be subject to associated fees, payable to the City of Troy, upon issuance of this permit. The HMIS, and its directions, can be found on the internet at: [http://troymi.gov/departments/fire\\_department/permit\\_applications.php](http://troymi.gov/departments/fire_department/permit_applications.php)

Applicant Signature: [Signature] Date Signed: 08-07-22

(This section to be completed by Fire Department)

Inspection Date: \_\_\_\_\_ Requirements Met: Yes No

Inspector: \_\_\_\_\_ Permit Approved: Yes No Date: \_\_\_\_\_

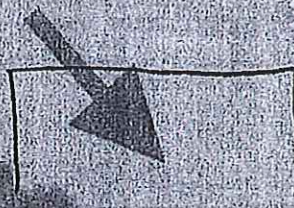
Permit Issue Date: \_\_\_\_\_ Permit #: \_\_\_\_\_ Premise #: \_\_\_\_\_

Terms & Conditions: \_\_\_\_\_



3D

Launch  
Zone





**Saint Joseph Chaldean Catholic Church**  
**Fireworks Description**

**200 Gram Repeater**

**500 Gram Repeater**

**Reloadable Mortars**

**Fountains**



Farm Bureau General Insurance Company of Michigan

I

## GUARDIAN POLICY DECLARATIONS

Transaction Effective Date 07/17/2022	Policy Period (from 12:01 a.m.) 07/17/2022 To 07/17/2023	Policy No. S 270138424
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**Named Insured and Mailing Address:**

ST JOSEPH CATHOLIC  
CHALDEAN PARISH  
2442 E BIG BEAVER RD  
TROY, MI 48083

Agent: 4105  
SUE ABRO LUTCF  
Phone Number:  
586-323-3276  
Account Number:  
C000831239 001 00001  
Payment:  
QUARTERLY

Description of Transaction: RENEWAL

**TOTAL TERM PREMIUM: \$ 9,483**

**TERRORISM NOTICE ENCLOSED: BR584**

Program Type: CHURCH

Business Description: CHURCH

Form of Business: CHURCH

Policy Credit(s)/Discount: MULTI-POLICY CREDIT  
LOSS-FREE CONTINUOUS COVERAGE CREDIT  
PREMIUM DISCOUNT

**ADDITIONAL INTEREST:** See attached Additional Interest Schedule (if applicable)

**LOCATION OF INSURED PREMISES:** See attached Location Schedule

**PROPERTY:** See attached Additional Declarations

**OPTIONAL COVERAGES:** See attached Additional Declarations (if applicable)

**LIABILITY AND MEDICAL PAYMENTS:**

BUSINESS LIABILITY:	LIMITS
General Aggregate (Other than Products-Completed Operations)	\$2,000,000
Products-Completed Operations Aggregate	\$2,000,000
Each Occurrence	\$1,000,000
Fire Legal Liability Coverage	\$ 100,000 Each Fire
Premises Medical Payments Coverage	\$ 10,000 Each Person

**FORMS AND ENDORSEMENTS:** See attached Forms Schedule

Issue Date: 06/15/2022



Farm Bureau General Insurance Company of Michigan

**GUARDIAN POLICY ADDITIONAL DECLARATIONS**

Named Insured	Transaction Effective Date	Policy No.
ST JOSEPH CATHOLIC	07/17/2022	S 270138424

**DESCRIPTION OF PREMISES - ADDRESS**

Loc. Bldg.

No. No. Address

001 001 2442 E BIG BEAVER RD  
TROY, MI 48083

Year Built

1987

BCEG

99

County: OAKLAND

Township (or City): TROY

**DESCRIPTION OF PREMISES - OCCUPANCY**

Loc. Bldg.

No. No. Occupancy

001 001 CHURCH

Construction

JOISTED MASONRY

Prot

Class

03

**COVERAGES PROVIDED - (Includes Loss Of Business Income For Actual Loss Sustained Up To 12 Months)**

Loc. Bldg. No. No. Coverage	Limit of Liability	Coins.	Ded.	ACV/RC	Theft Excl.	Cost Factor
001 001 BUILDING-SPECIAL	\$ 3,515,000		\$ 1,000	RC		1.145
001 001 BUS.PERS.PROP.-SPECIAL	\$ 340,000	80%	\$ 1,000	RC		

**OPTIONAL COVERAGES AND ADDITIONAL CONDITIONS**

Loc. Bldg.

No. No. Coverage

Limit of  
Liability

Exposure

001 001 GUARDIAN SELECT ENDORSEMENT

001 001 CHURCH BLANKET BOND

\$ 20,000

001 001 ADD'L INS.-LESSOR OF LEASED EQUIP./NOT OFFICE

001 001 ADD'L INS.-PREMISES LEASED TO YOU

001 001 FINE ARTS (OTHER THAN STAINED GLASS)

\$ 510,000

001 001 FINE ARTS - STAINED GLASS (WITHOUT PLEXIGLASS)

\$ 10,000

001 001 LIMITED SEXUAL MISCONDUCT/MOLESTATION LIAB COV

001 001 MONEY AND SECURITIES

(ON PREMISES)

\$ 20,000

(OFF PREMISES)

\$ 15,000

001 001 FIRE LEGAL LIAB - ADDITIONAL LIMIT

\$ 450,000

2

3

**MORTGAGE HOLDERS - See attached Additional Interest Schedule**

Issue Date: 06/15/2022



**STATE OF MICHIGAN**  
**BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION**  
**NOTICE OF HEARING**  
**FOR THE GAS CUSTOMERS OF CONSUMERS ENERGY**  
**COMPANY**

**CASE NO. U-21062**

- Consumers Energy Company requests Michigan Public Service Commission's approval of a gas cost recovery plan and authorization of gas cost recovery factors for the 12-month period April 2022-March 2023.
- 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](http://michigan.gov/mpscdockets).
- A pre-hearing will be held:

**DATE/TIME: Wednesday, August 24, 2022 at 9:00 AM**

**BEFORE: Administrative Law Judge Sharon Feldman**

**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](mailto:mpscdockets@michigan.gov) in advance of the hearing.



ONE ENERGY PLAZA  
JACKSON MI 49202

PRESORTED  
FIRST CLASS MAIL  
US POSTAGE PAID  
CONSUMERS ENERGY CO

34  
TR 1

\*\*\*\*\*AUTO\*\*ALL FOR AADC 480

Clerk, City of TROY  
500 W Big Beaver Rd  
Troy MI 48084-5254



The Michigan Public Service Commission (Commission) will hold a pre-hearing to consider Consumers Energy Company's (Consumers Energy) December 23, 2021, application, as revised on June 30, 2022, requesting the Commission to: 1) approve its Gas Cost Recovery (GCR) plan and monthly Gas Cost Recovery factors for the period April 2022 through March 2023 consisting of the sum of two parts: a) a base factor of \$7.5851 per Mcf; plus, b) additional amounts contingent upon future events, determined using the GCR Factor Ceiling Price Adjustment (Contingency) Mechanism, as proposed by Consumers Energy, or such higher factors as may be lawful and reasonable; 2) review Consumers Energy's plans and projections through March 2027, and determine that the five-year plan is reasonable and that there are no cost items which the Commission would be unlikely to permit Consumers Energy to recover from its customers in the future; and 3) grant Consumers Energy such other and further relief as is lawful and appropriate, including approval of higher GCR factors than requested in Consumers Energy's initial filing if circumstances warrant.

All documents filed in this case shall be submitted electronically through the Commission's E-Dockets website at: [michigan.gov/mpscdockets](http://michigan.gov/mpscdockets). Requirements and instructions for filing can be found in the User Manual on the E-Dockets help page. Documents may also be submitted, in Word or PDF format, as an attachment to an email sent to: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov). If you require assistance prior to e-filing, contact Commission staff at (517) 284-8090 or by email at: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov).

Any person wishing to intervene and become a party to the case shall electronically file a petition to intervene with this Commission by May 19, 2022. (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-21062. Statements may be emailed to: [mpscdockets@michigan.gov](mailto:mpscdockets@michigan.gov). Statements may be mailed to: Executive Secretary, Michigan Public Service Commission, 7109 West Saginaw Hwy., Lansing, MI 48917. All information submitted to the Commission in this matter becomes public information, thus available on the Michigan Public Service Commission's website, and subject to disclosure. Please do not include information you wish to remain private. For more information on how to participate

in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

Requests for adjournment must be made pursuant to Michigan Office of Administrative Hearings and Rules R 792.10422 and R 792.10432. Requests for further information on adjournment should be directed to (517) 284-8130.

For more information on how to participate in a case, you may contact the Commission at the above address or by telephone at (517) 284-8090.

The Utility Consumer Representation Fund has been created for the purpose of aiding in the representation of residential utility customers in various Commission proceedings. Contact the Chairperson, Utility Consumer Participation Board, Department of Licensing and Regulatory Affairs, P.O. Box 30004, Lansing, Michigan 48909, for more information.

Jurisdiction is pursuant to 1909 PA 300, as amended, MCL 462.2 et seq.; 1919 PA 419, as amended, MCL 460.54 et seq.; 1939 PA 3, as amended, MCL 460.1 et seq.; 1969 PA 306, as amended, MCL 24.201 et seq.; 1982 PA 304, as amended, MCL 460.6h 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.

**CONSUMERS ENERGY COMPANY HAS REQUESTED THE GAS COST RECOVERY FACTORS DESCRIBED IN THIS NOTICE. THE MICHIGAN PUBLIC SERVICE COMMISSION MAY APPROVE, REJECT OR AMEND THE FACTORS AND OTHER PROPOSALS.**

2208-G