



**AGENDA
CITY OF LAPEER
CITY COMMISSION
576 LIBERTY PARK, LAPEER, MI 48446
JULY 1, 2024**

6:30 P.M. CALL TO ORDER

ROLL CALL

PLEDGE OF ALLEGIANCE

APPROVAL OF JULY 1, 2024, AGENDA

A. MINUTES:

1. Minutes of the Regular meeting on June 17, 2024.

B. PUBLIC COMMENTS:

C. CONSENT AGENDA:

D. BILL LISTING:

1. Bill Listing for July 1, 2024.

SUGGESTED MOTION: ON A ROLL CALL VOTE.

Approve the Bill Listing for July 1, 2024, in the amount of \$946,408.62.

E. PROCLAMATIONS, RECOGNITIONS AND RESOLUTIONS:

F. PUBLIC HEARINGS:

G. ADMINISTRATIVE REPORTS:

1. 2024-2025 Property and Liability Insurance Renewal.

SUGGESTED MOTION:

Approve Highstreet Insurance & Financial Services for the City of Lapeer's Property and Liability Insurance at a cost of \$270,257 for the fiscal year of July 2, 2024, through July 2, 2025, and authorize the City Manager to sign the required documents.

H. CITY MANAGER'S REPORT:

1. Resolution for Marihuana Moratorium.
2. Park Street – One Way Conversion – Mason Street to Pine Street.
3. Parking Lot #9 Reconstruction.
4. TPOAM Union Contract.

SUGGESTED MOTION: ON A ROLL CALL VOTE.

Approve going into a Closed Session to discuss the TPOAM Union Contract, under Section 8(c) of the Open Meetings Act, MCL 15.268(c), at the end of the regular meeting.

5. Closed sessions.
6. Various Matters.

I. CITY ATTORNEY'S REPORT:

1. Various Matters.

J. UNFINISHED BUSINESS:

1. Appointments to Boards and Commissions.
 - a. Lapeer Housing Commission – James Mikus – term to expire August 1, 2029.
 - b. Lapeer Neighborhoods, Inc. – James Mikus – term to expire August 1, 2026.
 - c. Lapeer Neighborhoods, Inc. – Brad Chayka – term to expire August 1, 2026.
 - d. Planning Commission – Jennell RaCosta – term to expire August 1, 2027.

K. DEPARTMENTAL COMMUNICATIONS:

1. Downtown Development Authority.
2. 2023 Consumer Confidence Report.

L. PUBLIC COMMENTS:

M. CLOSING COMMENTS:

1. Commissioners.
2. City Manager.
3. Mayor.

N. REMINDER OF MEETINGS:

Next City Commission Meeting: **MONDAY, JULY 15, 2024, Regular**

O. REMINDER OF PUBLIC HEARINGS:

ADJOURNMENT

MATERIAL TRANSMITTAL

Notice:

Persons with disabilities needing accommodations for effective participation through electronic means in this meeting should contact the City Clerk at (810) 664-5231 or by email at clerk@ci.lapeer.mi.us at least two working days in advance of the meeting. An attempt will be made to make reasonable accommodations.

**LAPEER CITY COMMISSION
MINUTES OF A REGULAR MEETING
JUNE 17, 2024**

A regular meeting of the Lapeer City Commission was held on June 17, 2024, at the Lapeer City Hall, 576 Liberty Park, Lapeer, Michigan. The meeting was called to order at 6:30 p.m.

ROLL CALL

Present: Commissioners: Atwood, Glisman, Petrie, Swindell.

Absent: Mayor Marquardt, Commissioner Brady.

City Manager: Mike Womack, present.

City Attorney: T. Allen Francis, present.

Mayor Marquardt led the Pledge of Allegiance.

136 2024 06-17 EXCUSE MAYOR AND COMMISSIONER

Moved by Glisman. Seconded by Petrie.

To excuse Mayor Marquardt and Commissioner Brady from tonight's meeting.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

137 2024 06-17 AGENDA APPROVAL

Moved by Petrie. Seconded by Glisman.

Approve the Agenda for June 17, 2024, as presented.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

138 2024 06-17 MINUTES

Moved by Glisman. Seconded by Swindell.

Approve the minutes of the regular meeting held June 3, 2024, as presented.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

PUBLIC COMMENTS

Brad Haggadone, Lapeer County Commissioner, updated the City Commission regarding the Lapeer County Board of Commissioners' proceedings.

Karin Lackey gave an invocation.

Amy Sterns, candidate for the Register of Deeds introduced herself to the Commission.

139 2024 06-17 CONSENT AGENDA

Moved by Glisman. Seconded by Petrie.

Approve the consent agenda for June 17, 2024, as presented:

1. Special Event: Lapeer County Veterans Family Olympics – Lapeer Center for Innovation
- June 29, 2024.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

140 2024 06-17 BILL LISTING

Moved by Swindell. Seconded by Glisman.

Approve the bill listing for June 17, 2024, in the amount of \$247,691.84.

ON A ROLL CALL VOTE:

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

ADMINISTRATIVE REPORTS:

141 2024 06-17 MSHDA MI – NEIGHBORHOOD GRANT APPLICATION

Moved by Petrie. Seconded by Swindell.

Adopt the resolution to allow the Housing Department to apply to the Michigan State Housing Development Authority (MSHDA) for the MI-Neighborhood Grant application round, in the amount of \$75,000, and authorize the Mayor to sign the necessary documents.

RESOLUTION #2024-13
RESOLUTION TO APPROVE
MICHIGAN STATE HOUSING DEVELOPMENT AUTHORITY (MSHDA)
MI-NEIGHBOR GRANT PROGRAM
CITY OF LAPEER HOUSING IMPROVEMENT GRANT APPLICATION

WHEREAS, the City of Lapeer is interested in the continuing effort that is consistent with the local community development plan as described in the Application; and

WHEREAS, the Lapeer City Commission accepts the recommendation of the City of Lapeer Housing Improvement Department to apply for \$75,000 through the Michigan State Housing Development Authority MI-Neighborhood Grant Program for the City of Lapeer Housing Improvement Grant; and

WHEREAS, the Michigan State Housing Development Authority (MSHDA) requires a resolution authorizing the submission of the aforementioned grant application; and

WHEREAS, the Lapeer City Commission authorizes the Mayor to sign the grant application forms, grant agreement, and other related documents as required by MSHDA and allow the Director of Housing and Neighborhood Development and Grant Administrator to sign related grant documents, financial status reports for payment, and other required reports when allowed by MSHDA as required.

THEREFORE, BE IT RESOLVED that the Lapeer City Commission authorizes the City of Lapeer Housing Improvement Department to submit the application for funding through the Michigan State Housing Development Authority's MI-Neighborhood Program for a City of Lapeer Housing Improvement Grant, and authorizes the Mayor to sign grant application forms, grant agreement and related documents, and allow the Director of Housing and Neighborhood Development and Grant Administrator to sign related grant documents, financial status reports for payment, and other required reports when allowed by MSHDA as required on behalf of the City of Lapeer.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED. RESOLUTION DECLARED ADOPTED.

DRAFT

142 2024 06-17 MICHIGAN SHARED STREETS AND SPACES GRANT

Moved by Glisman. Seconded by Swindell.

Adopt the resolution to approve the application for the Michigan Shared Streets and Spaces Grant for pedestrian crossing signals.

**CITY OF LAPEER
RESOLUTION NO. 2024-14**

**RESOLUTION AUTHORIZING APPLICATION AND IMPLEMENTATION OF MICHIGAN
SHARED STREETS AND SPACES GRANT**

WHEREAS, the City of Lapeer is an incorporated municipality of the State of Michigan and therefore an eligible applicant to apply for the one-time appropriation of Shared Streets and Spaces Grant (SSSG) funding through the Michigan Department of Transportation, and

WHEREAS, the City of Lapeer strives for a more walkable, bikeable, and transit-friendly community, and is submitting an application for funding for the installation of pedestrian signals at the intersection of Nepessing Street and Saginaw Street, and

WHEREAS, the City of Lapeer finds that this project uses innovation and forward-thinking project planning, design, and construction, considers equity and accessibility in the selection of the project, and meets program goals, and

WHEREAS, the City of Lapeer has worked across municipal departments to gain broader agency support and coordination for ease of implementation as desired by the program goals, and

WHEREAS, the City of Lapeer has presented the project in a public forum and notified the community at large about this application and exciting opportunity, and

WHEREAS, the City of Lapeer authorizes Michael Womack as a representative on behalf of the City to sign a contract upon receipt of a grant funding award.

NOW, THEREFORE BE IT RESOLVED, that the City of Lapeer hereby submits to the State of Michigan an application for the Shared Streets and Spaces Grant program for the project described herein and commits to additional funding that may be required over and beyond the grant amount.

BE IT FURTHER RESOLVED, and the City of Lapeer hereby agrees to the implementation and continued maintenance of the resulting Shared Streets and Spaces Grant project.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED. RESOLUTION DECLARED ADOPTED.

143 2024 06-17 SAND FILTER PUMP

Moved by Glisman. Seconded by Swindell.

Approve the purchase of a sand filter pump for a secondary clarifier in the amount of \$27,374.00 and authorize the DPW Director to sign all necessary documents.

ON A ROLL CALL VOTE:

Ayes: Glisman, Petrie, Swindell, Atwood.

Nays: Brady.

MOTION CARRIED.

144 2024 06-17 OPT OUT PA 152 OF 2011 FOR YEARS 2025 THROUGH 2028

Moved by Petrie. Seconded by Glisman.

Adopt the resolution to Opt-Out of PA 152 of 2011 for the years 2025 through 2028.

CITY OF LAPEER
RESOLUTION # 2024-15
OPT OUT OF PA 152 OF 2011
JANUARY 1, 2025, THROUGH DECEMBER 31, 2028

WHEREAS, the Publicly Funded Health Insurance Contribution Act, PA 152 of 2011 places limits on the amount a public employer can pay for employee medical plans; and

WHEREAS, pursuant to this Act, the City of Lapeer is exercising the option to exempt itself from the requirements of the Act for the next succeeding year as authorized under MCL 15.568 (et. seq.); and

WHEREAS, the City of Lapeer by exercising the option to exempt itself shall in no way limit the ability to continue to examine the law and review the interests of all involved at any time.

NOW, THEREFORE, BE IT RESOLVED that the Mayor and Lapeer City Commission exercise the option to be exempt from the requirements of PA 152 of 2011 at this time for the year beginning January 1, 2025, through December 31, 2028, by a 2/3 vote of its governing body.

ON A ROLL CALL VOTE:

Ayes: Petrie, Swindell, Atwood, Glisman.

Nays: Brady.

MOTION CARRIED. RESOLUTION DECLARED ADOPTED.

CITY MANAGER'S REPORT

City Manager Womack commented that Freshwater Gardens submitted a proposed site plan for their facility, however, he recommends the commission recommend Freshwater Gardens submit the site plan to the Planning Commission.

CITY ATTORNEY'S REPORT

None.

UNFINISHED BUSINESS

145 2024 06-17 APPOINTMENT TO PARK BOARD

Moved by Atwood. Moved by Glisman. Seconded by Petrie.

To appoint Stefan Brady to the Park Board for a term to expire on April 1, 2026.

Ayes: Atwood, Glisman, Petrie, Swindell.

Nays: Brady.

MOTION CARRIED.

DEPARTMENTAL REPORTS

The Monthly Departmental Reports were received into the record.

PUBLIC COMMENTS

None.

MAYOR/COMMISSIONER COMMENTS

Commissioner Swindell: It is hot out today, stay hydrated. Witnessed many people in the river fishing out disc golf discs that have been lost in the river. Attended the Lapeer Pride picnic this weekend, and it was a well-attended event; good to see the community wrap their arms around this group of people.

Commissioner Petrie: Grateful for the fathers in this world. Only had her dad for 13 years and thanked all the dads; glad to celebrate yesterday. Got up close and personal attention with the fire department, grateful for their kind and quick response. Met with many of the downtown businesses; remember the retail business on the east side of the Pix.

Commissioner Glisman: Hope all the fathers had a wonderful day; had her father for 50 years and he was her hero; hopes all children look at their dads as heroes. The weather is going to be beastly this week, check on the elderly neighbors.

City Manager Womack: Fortunate to still have his father; worked with the County and Library to have cooling centers in place this week during the hot weather. Praised the department heads for getting stuff done. Thanked Ms. Russell for attending tonight's meeting.

Commissioner Atwood: Thanked everyone for coming this evening. Read the list of local events.

146 2024 06-17 ADJOURNMENT

Motion by Glisman.

To adjourn the regular meeting at 7:03 p.m.

Joshua Atwood, Mayor Pro-Tem

Romona Sanchez, City Clerk



ITEM D-1

To: Mayor and City Commission
From: Kelly Hanna, Director of Financial Services
Date: June 25, 2024
RE: Bill Listing – June 7, 2024, through June 25, 2024

STAFF RECOMMENDATION

Approve the bill listing as presented.

CURRENT OR NEW INFORMATION

I, Kelly Hanna, Director of Financial Services, have reviewed the bills for June 7, 2024, through June 25, 2024, in the total amount of **\$946,408.62** and find them to be proper charges.

AGENDA ITEM REVIEW

Meeting Date: July 1, 2024

Date Reviewed: June 25, 2024

Consent:

Administrative: X

Reviewed By: R. Sanchez, City Clerk

Public Hearing:

CHECK REGISTER FOR CITY OF LAPEER
CHECK DATE FROM 06/07/2024 - 06/25/2024

Check Date	Check	Vendor Name	Amount
06/20/2024	597912	DIAMOND EXCAVATING LLC	305,173.66
06/20/2024	2197(A)	GREAT LAKES WATER AUTHORITY	141,991.33
06/20/2024	597950	T.G. PRIEHS PAVING CO	138,580.00
06/20/2024	597945	STATE OF MICHIGAN	80,401.20
06/20/2024	2220(E)	DTE ENERGY	71,576.04
06/25/2024	2223(E)	U.S. BANK	28,677.64
06/20/2024	2213(A)	SPICER GROUP	18,548.50
06/20/2024	597928	LAPEER CO TREASURER	15,783.89
06/20/2024	597925	KEMIRA WATER SOLUTIONS	10,812.31
06/20/2024	2210(A)	ROWE INC	9,848.50
06/20/2024	597938	NICHOLS ROOFING	8,500.00
06/20/2024	597952	U.S. POSTMASTER	7,509.50
06/20/2024	2222(E)	WINDSTREAM	6,492.75
06/20/2024	597927	LAPEER CO INTERMEDIATE SCHOOL	6,454.40
06/20/2024	597929	LAPEER COMMUNITY SCHOOLS	6,106.44
06/20/2024	597901	ACTION MUNICIPAL SUPPLY, LLC	5,888.81
06/20/2024	2218(A)	VECTOR TECH GROUP	5,652.00
06/20/2024	2219(E)	CITY OF LAPEER	5,377.78
06/20/2024	597948	SWIATOWSKI, JUSTIN A & ANGELA M	5,250.00
06/20/2024	597949	T. P. ISRAEL CO INC	5,085.00
06/20/2024	2198(A)	J G PAINTING & REMODELING LLC	4,500.00
06/20/2024	597935	MI DEPT OF TREASURY	4,128.24
06/20/2024	2194(A)	FLETCHER FEALKO SHOUDY & FRANCIS PC	3,402.50
06/20/2024	2199(A)	LEGACY ASSESSING SERVICES INC	3,400.00
06/20/2024	597954	USA BLUE BOOK	2,804.18
06/20/2024	597907	CARQUEST OF LAPEER	2,745.07
06/20/2024	597955	VIEW NEWSPAPERS	2,707.10
06/20/2024	2192(A)	CORRIGAN OIL II, INC.	2,282.08
06/20/2024	2217(A)	TIMECLOCK PLUS, LLC	2,242.41
06/20/2024	597919	GRAINGER	2,225.01
06/20/2024	597939	OAKRIDGE LAWN AND SNOW	2,200.00
06/20/2024	597911	DELYNN'S DESIGNS, INC	2,025.40
06/20/2024	597930	LAPEER DISTRICT LIBRARY	1,993.93
06/20/2024	2191(A)	ABM COMMERCIAL CLEANING	1,920.00
06/20/2024	597934	MGS ELECTRIC INC.	1,864.00
06/20/2024	2209(A)	RIGHT TOUCH LANDSCAPING INC	1,850.00
06/20/2024	2200(A)	MAUK, JODI	1,807.70
06/20/2024	2212(A)	SMITH, SHANNON	1,807.70
06/20/2024	2202(A)	MUNICIPAL EMERGENCY SERVICES, INC	1,137.30
06/20/2024	2216(A)	TAYLOR, SARAH	1,000.00
06/20/2024	597921	JACK DOHENY SUPPLIES INC	925.04
06/20/2024	2207(A)	PAYETTE SALES & SERVICE INC.	835.44
06/20/2024	597951	TRW LANDSCAPES LLC	743.25
06/20/2024	597944	SNAP-ON INDUSTRIAL	737.27
06/20/2024	2193(A)	FIRE-DEX, GW LLC	677.75

06/20/2024	597942	SENICK, DINA	655.00
06/20/2024	597910	DEERFIELD DISPOSAL LLC	650.00
06/20/2024	597936	MICHIGAN PIPE & VALVE	597.00
06/20/2024	597958	WALKER FARMS INC	592.83
06/20/2024	597920	GREATER LAPEER TRANS AUTH	557.18
06/20/2024	2201(A)	MAURER'S TEXTILE RENTAL SERVICES	549.40
06/20/2024	597943	SHIRLEY'S DRY CLEAN. & ALTERATIONS	548.10
06/20/2024	597922	JAY'S SEPTIC	540.00
06/20/2024	597941	PITNEY BOWES GLOBAL FINANCIAL	432.24
06/20/2024	2203(A)	NORTH CENTRAL LABS	394.72
06/20/2024	597932	MARCO TECHNOLOGIES, LLC	351.94
06/20/2024	597947	STEVE'S PLUMBING & HEATING	350.00
06/20/2024	597915	DYNAMIC WEST SCHOOL ASSEMBLIES	325.00
06/20/2024	597946	STATE OF MICHIGAN	304.00
06/20/2024	2205(A)	ON DUTY GEAR, LLC	251.98
06/20/2024	597904	BENNETT ASPHALT PAVING, INC	250.00
06/20/2024	597924	JOSTOCK, JACK	250.00
06/20/2024	597940	PINE TREE HEATING & AIR	227.37
06/20/2024	2215(A)	SZOTT FORD	214.16
06/20/2024	2196(A)	FLUSHING URGENT CARE PLC	210.00
06/20/2024	597909	CRANK CYCLE & FITNESS	200.00
06/20/2024	597906	BOURGOIS, ALEXANDER	194.76
06/20/2024	597959	WHITE'S GARAGE DOOR	150.00
06/20/2024	597926	KOBELLE PLUMBING, LLC	145.00
06/20/2024	2214(A)	STEPPIN' OUT	127.29
06/20/2024	597903	BARTLE, TESSA	120.00
06/20/2024	2206(A)	PARAGON LABORATORIES, INC.	118.00
06/20/2024	2211(A)	SHORELINE INVESTMENT SERV. INC.	108.95
06/20/2024	597931	LINCOLN, SHELLEY	103.85
06/20/2024	597923	JIM RIEHLS FRIENDLY	100.85
06/20/2024	597905	BIG BEN ENTERPRISES	100.00
06/20/2024	597916	FOUNDATION SYSTEMS OF MICHIGAN	100.00
06/20/2024	597918	GOYETTE MECHANICAL	100.00
06/20/2024	597957	VORTEX HEATING & AIR CONDITIONING	100.00
06/20/2024	597902	ARNOLD'S AUTO WASH	96.00
06/20/2024	2208(A)	PREMIER OCCUPATIONAL HEALTH	88.00
06/20/2024	597908	CASH	86.47
06/20/2024	2195(A)	FLINT WELDING SUPPLY CO	81.25
06/20/2024	597914	DTE ENERGY	80.88
06/20/2024	597937	NEWBERY, KATHY	75.04
06/20/2024	2204(A)	NYE UNIFORM CO	59.84
06/20/2024	597956	VILLAGE PRINTING	48.00
06/20/2024	597917	GAVAN, CASEY	37.52
06/20/2024	597913	DOBIS, RENEE	27.64
06/20/2024	597933	MARINELLI, DENISE	25.00
06/20/2024	597953	UPS	11.38
06/20/2024	2221(E)	STATE OF MICHIGAN	0.86

TOTAL	<u>\$946,408.62</u>
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ITEM G-1

To: Mayor and City Commission
From: Mike Womack, City Manager
Date: June 26, 2024
RE: Property & Liability Insurance

STAFF RECOMMENDATION

Recommend approval of the renewal with Highstreet Insurance & Financial Services (formerly Peterson McGregor) for the City of Lapeer's Property and Liability Insurance for **\$270,257** for the Fiscal Year July 2, 2024, to July 2, 2025, and authorize the City Manager to sign required documents. This policy will include a separate ancillary cyber security policy and a volunteer accident policy.

CURRENT OR NEW INFORMATION

Peterson-McGregor has been the City's liability insurance carrier since July 2010. The past year's premiums are as follows:

	<u>Municipal Package</u>	<u>Cyber Liability</u>	<u>Treasury Bond</u>	<u>Volunteer Accident</u>	<u>Total</u>
07-01-24 to 06-30-25	\$261,173	+ \$6,942	+ \$239	+ \$1,903	\$270,257
07-01-23 to 06-30-24	\$219,478	+ \$6,338		+ \$1,903	\$227,719
07-01-22 to 06-30-23	\$199,347	+ \$6,917		+ \$1,903	\$208,167
07-01-21 to 06-30-22	\$191,396	+ \$6,550		+ \$1,903	\$199,849
07-01-20 to 06-30-21	\$183,612	+ \$2,900		+ \$1,903	\$188,415

The service through Highstreet Insurance & Financial Services has been outstanding and the City has developed a positive working relationship.

BACKGROUND OR PREVIOUSLY SUBMITTED INFORMATION

AGENDA ITEM REVIEW

Meeting Date: July 1, 2024 **Date Reviewed:** June 26, 2024
Consent:
Administrative: X **Reviewed by:** Romona Sanchez, City Clerk
Public Hearing:



ITEM H-1

To: City Commission
From: Mike Womack, City Manager
Date: June 25, 2024
RE: RESOLUTION #2024-16 A RESOLUTION ADOPTING A MARIHUANA MORATORIUM FOR AN ADDITIONAL SIX MONTHS

STAFF RECOMMENDATION

The City staff recommend that the Commission approve the Resolution as presented.

Staff have identified a number of problems and issues with the City's marihuana ordinances. The staff would like to take the opportunity over the next six months to study those problems and issues in greater detail in order to propose some possible changes and solutions.

By imposing a moratorium, the City's staff can redirect the time normally required to do their current marihuana related work towards studying and proposing possible changes and solutions. Also, by imposing a moratorium, we don't end up having a situation where a marihuana business attempts to obtain licensure or zoning approval during a time of changing rules and requirements.

At this time, we are requesting an additional six (6) months to complete the amendments.

CURRENT OR NEW INFORMATION

The City's current Medical Marihuana Law was passed in April 2018. The City's current Recreational Marihuana Law was passed in July 2020. City voters decided on November 2, 2021, to reject a ballot proposal that would have outlawed marihuana businesses by a 2-1 margin, 1,137 to 405.

BACKGROUND OR PREVIOUSLY SUBMITTED INFORMATION

I successfully used a similar moratorium in my previous community to address our marihuana problems and issues and I have discussed this with the City Attorney who generally agreed with my proposed course of action.

AGENDA ITEM REVIEW

Meeting Date:	July 1, 2024	Date Reviewed:	June 25, 2024
Consent:			
Administrative:	X	Reviewed By:	R. Sanchez, City Clerk
Public Hearing:			

RESOLUTION #2024-16
A RESOLUTION ADOPTING A
MARIHUANA MORATORIUM
FOR AN ADDITIONAL SIX MONTHS

Present: Mayor Marquardt. Commissioners Atwood, Brady, Glisman, Petrie, Swindell.
Absent: None.

Motion by: Commissioner Supported by: Commissioner

WHEREAS, the City of Lapeer previously adopted ordinances authorizing the establishment of both Medical Marihuana Facilities and Adult-Use Marihuana businesses; and

WHEREAS, the City of Lapeer has allowed marihuana businesses to open and operate according to the rules and requirements of those ordinances; and

WHEREAS, after allowing several marihuana businesses to open and operate, that the City Commission and City Staff have identified a number of weaknesses and shortcomings in the City's Marihuana ordinances and the operation of City policies regarding marihuana businesses; and

WHEREAS, those identified weaknesses and shortcomings in the City's Marihuana ordinances have led to several zoning and enforcement problems, issues, and concerns that negatively affect the health, safety, well-being, and general welfare of the Citizens of Lapeer; and

WHEREAS, the City's staff are desirous of an opportunity to study the problems caused by the City's Marihuana ordinances and wish to develop solutions through future ordinance amendments; and

WHEREAS, a short moratorium on the accepting of any new marihuana business license or zoning applications will help provide City staff with the necessary time to study the problems and to develop appropriate solutions to those problems.

NOW THEREFORE BE IT RESOLVED, that the City of Lapeer formally adopts and imposes a six (6) month moratorium against the City's staff's receipt, review, approval, or issuance of any new medical or new adult-use marihuana licensure requests or zoning approval requests; and

BE IT FURTHER RESOLVED, that this moratorium is only imposed against all new marihuana licensure or zoning approval requests, not against such requests that are already approved, received, renewals of existing licenses, or are being processed by the City's staff through its regular processes; and

BE IT FURTHER RESOLVED, that the City staff be directed to develop an appropriate ordinance amendment proposal that will help resolve the problems, issues, and concerns caused, in part, by the City's current marihuana ordinances

BE IT FURTHER RESOLVED, that this moratorium shall begin upon the date of the approval of this Resolution and continue for six (6) months or until the City Commission approves of a new marihuana ordinance which purports to resolve the current issues and concerns in the existing ordinances.

ON A ROLL CALL VOTE:

Ayes:

Nays:

Absent:

MOTION CARRIED. RESOLUTION DECLARED ADOPTED.

RESOLUTION #2024-16
A RESOLUTION ADOPTING A
MARIHUANA MORATORIUM
FOR AN ADDITIONAL SIX MONTHS

I certify that the above Resolution was adopted by the Lapeer City Commission on July 1, 2024.

Signature_____

Date_____

BY: Romona Sanchez, City Clerk
Name and Title *(please print or type)*



Memorandum

To: Mr. Michael Womack, City Manager
City of Lapeer
576 Liberty Park
Lapeer, MI 48446

From: Paul O'Meara, PE, and Hailey Savola

Date: June 6, 2024

RE: One-Way Conversion – Park Street: Mason Street to Pine Street

ROWE Professional Services Company has completed a traffic study related to the existing Park Street one-way corridor from Mason Street to Pine Street. This report was prepared to determine what improvements would be necessary to mitigate traffic impacts to the existing traffic operations by converting Pine Street to two-way traffic between Mason Street and Pine Street.

Existing Conditions

Park Street is one-way starting at Pine Street heading westbound for westbound traffic. The speed limit is 25 miles per hour (MPH). The roadway is two lanes westbound with on-street parking varying from both sides of the roadway at the east end, to no parking on the west end. There are several intersections that tie into Park Street that are for residential neighborhoods. The City has a surface parking lot on the south side of Park Street. The study location is shown in **Figure 1**.



Figure 1: Park Street Corridor

SINCE 1962

Traffic Data Collection

ROWE completed collection of turning movement counts (TMCs) at the following intersections:

- Nepessing Street & Mason Street
- Park Street & Pine Street

Counts were collected for 24-hours on April 16, 2024. Traffic count reports are included in **Attachment A**.

Capacity Analysis & Two-Way Conversion Review

ROWE utilized Synchro 11[®] software to model the study area for the exiting one-way condition and proposed two-way condition on Park Street. ROWE followed guidance described in the Highway Capacity Manual (HCM) definitions of unsignalized and signalized intersections.

ROWE analyzed the intersections with the following scenarios:

- Existing traffic volumes on the existing road geometry.
- Exiting traffic volumes with two-way traffic on Park Street.

Unsignalized Intersections

Table 1 indicates the control delay criteria used for determining LOS for unsignalized intersections/approaches.

Table 1: Level of Service Criteria for Unsignalized Intersections (HCM 2010)

Level of	Control Delay per Vehicle (Seconds)
A	≤10
B	>10 to ≤ 15
C	>15 to ≤ 25
D	>25 to ≤ 35
E	>35 to ≤ 50
F	>50

At one way stop controlled intersections, the critical movement, often the minor-street left turn, may control the overall performance of the intersection. **Table 2** provides results by approach for the AM and PM peak hours on a typical weekday for unsignalized intersections/approaches within the study area. Synchro 11[®] reports are provided in **Attachment B**.

Table 2: Weekday Peak Hours Level of Service Comparison for Unsignalized Intersections

Intersection	Approach	Existing One-Way		Future Two-Way	
		LOS	Delay, sec/veh	LOS	Delay, sec/veh
AM PEAK HOUR					
Park & Pine	EB	N/A		A	7.1
	WB	A	0.0	A	7.3
	NB	A	0.0	A	6.7
	SB	A	0.0	A	6.1
Park & Mason	EB	N/A		A	8.7
	WB	A	0.0	A	9.0
	NB	N/A			
	SB	-	-	-	-
PM PEAK HOUR					
Park & Pine	EB	N/A		A	0.0
	WB	A	0.0	A	7.3
	NB	A	0.0	A	6.6
	SB	A	0.0	A	6.2
Park & Mason	EB	N/A		A	0
	WB	A	0.0	A	8.8
	NB	N/A			
	SB	-	-	-	-

Key: Highlighted cells have levels of service E or F

As shown in **Table 2**, all movements operate at an acceptable LOS A for all scenarios. Converting to two-way traffic along Park Street does not show a negative impact from a traffic capacity standpoint with the low traffic volumes on the roadway.

Signalized Intersections

For signalized intersections, the HCM defines LOS in terms of control delay. Delay may be measured in the field, or it may be estimated. Delay is dependent on several variables, including quality of progression, cycle length, green ratio, and volume to capacity ratio for the lane group or approach. **Table 3** indicates the control delay criteria used in determining LOS for signalized intersections.

Table 3: Level of Service Criteria for Signalized Intersections (HCM 2010)

Level of	Control Delay per Vehicle (Seconds)
A	<10
B	>10 to ≤ 20
C	>20 to ≤ 35
D	>35 to ≤ 55
E	>55 to ≤ 80
F	>80

Level of Service A describes operations with very low control delay up to 10.0 sec per vehicle. This occurs when progression is exceptionally favorable, and most vehicles arrive during the green phase. Most vehicles do not stop at all. Short cycle lengths may also contribute to low delay.

Level of Service B describes operations with control delay in the range of 10.1 to 20.0 sec per vehicle. This generally occurs with good progression and/or short cycle lengths. More vehicles stop than for Level of Service A, causing higher levels of average delay.

Level of Service C describes operations with control delay in the range of 20.1 to 35.0 sec per vehicle. These higher delays may result from fair progression and/or longer cycle lengths. Individual cycle failures may begin to appear in this level. The number of vehicles stopping is significant at this level, although many still pass through the intersection without stopping.

Table 4 provides results by approach for the AM and PM peak hours on a typical weekday for signalized intersections within the study area. Synchro 11[®] reports are provided in **Attachment B**.

Table 4: Weekday Peak Hours Level of Service Comparison for Signalized Intersections

Intersection	Approach & Movement		Existing One-Way		Future Two-Way	
			LOS	Delay, sec/veh	LOS	Delay, sec/veh
AM PEAK HOUR						
Nepessing & Mason	EB	LT/TH/RT	B	10.2	B	10.2
	WB	TH/LT	B	10.9	B	10.9
		RT	A	9.7	A	9.7
	NB	N/A				
	SB	LT	B	10.9	B	12.7
		TH/RT	B	11.1	B	13.0
Overall			B	10.9	A	9.5
PM PEAK HOUR						
Nepessing & Mason	EB	LT/TH/RT	A	9.8	A	9.8
	WB	TH/LT	A	9.2	A	9.2
		RT	A	8.0	A	8.0
	NB	N/A				
	SB	LT	B	12.8	B	12.8
		TH/RT	B	13.3	B	13.3
Overall			B	10.2	B	10.2

Key: Highlighted cells have levels of service E or F

As shown in **Table 4**, all movements operate at an acceptable LOS A and B for all scenarios. Converting to two-way traffic along Park Street does not show a negative impact from a traffic capacity standpoint with the low traffic volumes on the roadway at the intersection of Nepessing Street and Mason Street.

Crash Analysis

ROWE completed a crash analysis for along Park Street between Mason Street and Pine Street previous five years (2019-2023). There were six (6) crashes along Park Street. **Table 5** provides a summary of the crashes occurring per study year.

Table 5: Summary of Crashes by Year

Year	2019	2020	2021	2022	2023
No. of Crashes	0	1	1	2	2

Table 6 shows crash injury details. Of the six crashes, zero resulted in a fatality, and all crashes resulted in property damage only (PDO).

Table 6: Summary of Crashes by Injury

	Fatal	A	B	C	No Injury	Total
Persons	0	0	0	0	6	6
Crashes	0	0	0	0	6	6

Table 7 summarizes crash types. The highest crash type was angle crashes at the intersection of Park Street and Pine Street. With the proposed conversion, the intersection is proposed to be an all-way stop which will help improve safety and decrease confusion with the intersection geometry, which will also be revised to remove the channelized left turn lanes and remove the median.

Table 7: Summary of Crashes by Type

Type of Crash	Number of Crashes	Overall Crash % Based on Type of Crash
Single Vehicle	1	12%
Angle	2	52%
Rear-End	1	8%
Other	1	4%
Sideswipe Same	1	24%
TOTAL	6	100%

Figure 2 shows the locations of the crashes along Park Street. The complete crash report is found in **Attachment C**.

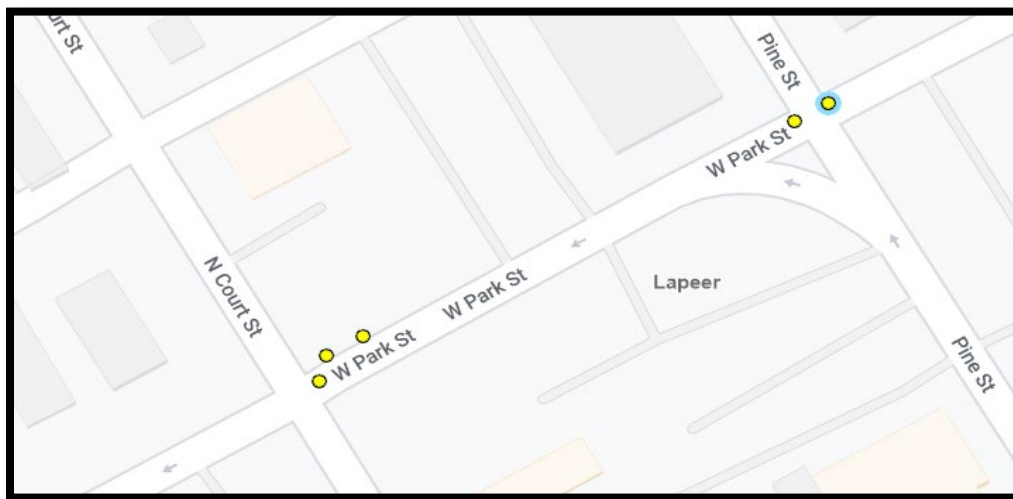


Figure 2: Crash Location Map

Proposed Conversion Configurations

Based on the analysis information above, ROWE reviewed the proposed configuration options for Park Street, primarily to reduce pavement widths, add green space, and improve pedestrian accessibility.

ROWE recommends making Park Street two lanes (one lane in each direction). Parking is underutilized along the street and could be removed if desired by the City. Given the available parking in lots generally on the south side of the street, it is recommended that parking be removed along the south side. Since the various commercial and residential properties on the north side are accustomed to having parking adjacent to their properties, it is recommended that parking remain in the areas where it currently exists.

The intersection of Park Street and Pine Street would become an all-way stop with removal of the dual channelized left turn lanes. Northbound Pine Street would be reconfigured to have a shared left/thru/right lane. Eastbound and Westbound Park Street would be shared left/thru/right lanes.

The intersection of Park Street and Mason Street would also be reconfigured with Mason Street being stop controlled for northbound and Park Street becoming free flow. The intersection will also include the removal of the channelized left turn lanes and median island. Mason Street would be converted to two-way traffic with the northbound approach being a shared left/thru/right lane. Westbound and eastbound Park Street would have shared left/thru and right/thru lanes, respectively. Due to the existing grade on the north side of Park Street in this area, constructing compliant crosswalks and ramps would require major reconstruction. Sight distance is also poor at the southwest corner of this intersection. Given the short distance to a crosswalk to either the west or east, no Park Street crosswalk is recommended here.

The signalized intersection of Nepessing Street and Mason Street would remain unchanged and operate as it is in existing conditions.

Proposed layout of the corridor, as well as detailed intersection sketches can be found in **Attachment D**.

Conclusion

The one-way configuration on Park Street between Mason Street and Pine Street was reviewed for conversion to two-way traffic. As part of the analysis, ROWE completed the following:

- Collected 24-hour TMCs at two study intersections.
- Completed capacity analysis for one-way and two-way operations.
- Reviewed 5-year crash data along Park Street.
- Reviewed proposed configuration of Park Street with a two-way conversion.

Based on the capacity of the roadway, converting to two-way traffic does not cause a negative impact on the roadway, resulting in acceptable LOS of A and B in both AM and PM peak hours. Park Street could be reconfigured with reduced pavement width and modified traffic control operations at both Pine Street and Mason Street.

Attachments:

Attachment A – Traffic Counts

Attachment B – Synchro Analysis Reports


















Attachment C – Crash Report

Attachment D – Proposed Layout Options

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Existing
Timing Plan: AM Peak


												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	11	72	24	9	83	3	0	0	0	6	20	10
Future Volume (vph)	11	72	24	9	83	3	0	0	0	6	20	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.97			1.00	0.85				1.00	0.95	
Flt Protected		0.99			1.00	1.00				0.95	1.00	
Satd. Flow (prot)		1797			1854	1583				1770	1772	
Flt Permitted		0.97			0.97	1.00				0.95	1.00	
Satd. Flow (perm)		1756			1816	1583				1770	1772	
Peak-hour factor, PHF	0.78	0.78	0.78	0.67	0.67	0.67	0.92	0.92	0.92	0.81	0.81	0.81
Adj. Flow (vph)	14	92	31	13	124	4	0	0	0	7	25	12
RTOR Reduction (vph)	0	18	0	0	0	2	0	0	0	0	7	0
Lane Group Flow (vph)	0	119	0	0	137	2	0	0	0	7	30	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		26.0			26.0	26.0				24.0	24.0	
Effective Green, g (s)		26.0			26.0	26.0				24.0	24.0	
Actuated g/C Ratio		0.43			0.43	0.43				0.40	0.40	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		760			786	685				708	708	
v/s Ratio Prot											c0.02	
v/s Ratio Perm		0.07			c0.08	0.00				0.00		
v/c Ratio		0.16			0.17	0.00				0.01	0.04	
Uniform Delay, d1		10.3			10.4	9.6				10.8	11.0	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.4			0.5	0.0				0.0	0.1	
Delay (s)		10.8			10.9	9.7				10.9	11.1	
Level of Service		B			B	A				B	B	
Approach Delay (s)		10.8			10.9			0.0			11.1	
Approach LOS		B			B			A			B	
Intersection Summary												
HCM 2000 Control Delay			10.9				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.11									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			29.2%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Existing



















Timing Plan: PM Peak

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔	↔				↔	↔	
Traffic Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Future Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.98			1.00	0.85				1.00	0.91	
Flt Protected		1.00			0.99	1.00				0.95	1.00	
Satd. Flow (prot)		1818			1853	1583				1770	1691	
Flt Permitted		0.99			0.97	1.00				0.95	1.00	
Satd. Flow (perm)		1798			1798	1583				1770	1691	
Peak-hour factor, PHF	0.89	0.89	0.89	0.86	0.86	0.86	0.92	0.92	0.92	0.63	0.63	0.63
Adj. Flow (vph)	12	183	37	16	140	8	0	0	0	14	29	46
RTOR Reduction (vph)	0	11	0	0	0	4	0	0	0	0	30	0
Lane Group Flow (vph)	0	221	0	0	156	4	0	0	0	14	45	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		869			869	765				619	591	
v/s Ratio Prot												c0.03
v/s Ratio Perm		c0.12			0.09	0.00				0.01		
v/c Ratio		0.25			0.18	0.01				0.02	0.08	
Uniform Delay, d1		9.1			8.8	8.0				12.8	13.0	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.7			0.5	0.0				0.1	0.3	
Delay (s)		9.8			9.2	8.0				12.8	13.3	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.8			9.2			0.0			13.2	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay			10.2				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.18									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			32.0%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

3: Pine & Park









Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	3	0	0	34	2	11	5	4	2	0	10
Future Volume (vph)	0	3	0	0	34	2	11	5	4	2	0	10
Peak Hour Factor	0.92	0.92	0.92	0.60	0.60	0.60	0.60	0.60	0.60	0.50	0.50	0.50
Hourly flow rate (vph)	0	3	0	0	57	3	18	8	7	4	0	20
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2						
Volume Total (vph)	3	60	18	15	4	20						
Volume Left (vph)	0	0	18	0	4	0						
Volume Right (vph)	0	3	0	7	0	20						
Hadj (s)	0.03	0.00	0.53	-0.29	0.53	-0.67						
Departure Headway (s)	4.1	4.0	5.2	4.4	5.2	4.0						
Degree Utilization, x	0.00	0.07	0.03	0.02	0.01	0.02						
Capacity (veh/h)	854	876	676	802	671	874						
Control Delay (s)	7.1	7.3	7.1	6.2	7.0	5.9						
Approach Delay (s)	7.1	7.3	6.7		6.1							
Approach LOS	A	A	A		A							
Intersection Summary												
Delay			6.9									
Level of Service			A									
Intersection Capacity Utilization			20.0%		ICU Level of Service			A				
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

5: Mason & Park


















Proposed
04/29/2024

						
Movement	EBT	EBR	WBL	WBT	NWL	NWR
Lane Configurations						
Traffic Volume (veh/h)	3	3	30	25	0	0
Future Volume (Veh/h)	3	3	30	25	0	0
Sign Control	Stop			Yield	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	3	3	33	27	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	0	0	4	0	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	0	0	4	0	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	100	100	97	97	100	
cM capacity (veh/h)	896	1085	1011	896	1623	
Direction, Lane #	EB 1	WB 1				
Volume Total	6	60				
Volume Left	0	33				
Volume Right	3	0				
cSH	981	956				
Volume to Capacity	0.01	0.06				
Queue Length 95th (ft)	0	5				
Control Delay (s)	8.7	9.0				
Lane LOS	A	A				
Approach Delay (s)	8.7	9.0				
Approach LOS	A	A				
Intersection Summary						
Average Delay		9.0				
Intersection Capacity Utilization		13.0%		ICU Level of Service		A
Analysis Period (min)		15				

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing



















Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	11	72	24	9	83	3	0	0	0	3	20	10
Future Volume (vph)	11	72	24	9	83	3	0	0	0	3	20	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.97			1.00	0.85				1.00	0.95	
Flt Protected		0.99			1.00	1.00				0.95	1.00	
Satd. Flow (prot)		1797			1854	1583				1770	1772	
Flt Permitted		0.97			0.98	1.00				0.95	1.00	
Satd. Flow (perm)		1758			1818	1583				1770	1772	
Peak-hour factor, PHF	0.78	0.78	0.78	0.67	0.67	0.67	0.92	0.92	0.92	0.81	0.81	0.81
Adj. Flow (vph)	14	92	31	13	124	4	0	0	0	4	25	12
RTOR Reduction (vph)	0	16	0	0	0	2	0	0	0	0	8	0
Lane Group Flow (vph)	0	121	0	0	137	2	0	0	0	4	29	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		849			878	765				619	620	
v/s Ratio Prot											c0.02	
v/s Ratio Perm		0.07			c0.08	0.00				0.00		
v/c Ratio		0.14			0.16	0.00				0.01	0.05	
Uniform Delay, d1		8.6			8.7	8.0				12.7	12.9	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.4			0.4	0.0				0.0	0.1	
Delay (s)		9.0			9.0	8.0				12.7	13.0	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.0			9.0			0.0			13.0	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay		9.5			HCM 2000 Level of Service			A				
HCM 2000 Volume to Capacity ratio		0.11										
Actuated Cycle Length (s)		60.0			Sum of lost time (s)			10.0				
Intersection Capacity Utilization		26.7%			ICU Level of Service			A				
Analysis Period (min)		15										
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

3: Pine & Park









Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	0	0	0	41	6	12	11	6	3	0	7
Future Volume (vph)	0	0	0	0	41	6	12	11	6	3	0	7
Peak Hour Factor	0.92	0.92	0.92	0.69	0.69	0.69	0.89	0.89	0.89	0.83	0.83	0.83
Hourly flow rate (vph)	0	0	0	0	59	9	13	12	7	4	0	8
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2						
Volume Total (vph)	0	68	13	19	4	8						
Volume Left (vph)	0	0	13	0	4	0						
Volume Right (vph)	0	9	0	7	0	8						
Hadj (s)	0.00	-0.05	0.53	-0.22	0.53	-0.67						
Departure Headway (s)	4.1	4.0	5.2	4.4	5.2	4.0						
Degree Utilization, x	0.00	0.07	0.02	0.02	0.01	0.01						
Capacity (veh/h)	880	896	675	789	669	871						
Control Delay (s)	7.1	7.3	7.1	6.3	7.0	5.8						
Approach Delay (s)	0.0	7.3	6.6		6.2							
Approach LOS	A	A	A		A							
Intersection Summary												
Delay			7.0									
Level of Service			A									
Intersection Capacity Utilization			20.0%	ICU Level of Service		A						
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

5: Mason & Park


















Proposed
04/29/2024

						
Movement	EBT	EBR	WBL	WBT	NWL	NWR
Lane Configurations						
Traffic Volume (veh/h)	0	0	56	4	0	0
Future Volume (Veh/h)	0	0	56	4	0	0
Sign Control	Stop			Yield	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	61	4	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	0	0	0	0	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	0	0	0	0	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	100	100	94	100	100	
cM capacity (veh/h)	896	1085	1023	896	1623	
Direction, Lane #	EB 1	WB 1				
Volume Total	0	65				
Volume Left	0	61				
Volume Right	0	0				
cSH	1700	1014				
Volume to Capacity	0.01	0.06				
Queue Length 95th (ft)	0	5				
Control Delay (s)	0.0	8.8				
Lane LOS	A	A				
Approach Delay (s)	0.0	8.8				
Approach LOS	A	A				
Intersection Summary						
Average Delay		8.8				
Intersection Capacity Utilization		6.7%		ICU Level of Service		A
Analysis Period (min)		15				

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Proposed
04/29/2024


















												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Future Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.98			1.00	0.85				1.00	0.91	
Flt Protected		1.00			0.99	1.00				0.95	1.00	
Satd. Flow (prot)		1818			1853	1583				1770	1691	
Flt Permitted		0.99			0.97	1.00				0.95	1.00	
Satd. Flow (perm)		1798			1798	1583				1770	1691	
Peak-hour factor, PHF	0.89	0.89	0.89	0.86	0.86	0.86	0.92	0.92	0.92	0.63	0.63	0.63
Adj. Flow (vph)	12	183	37	16	140	8	0	0	0	14	29	46
RTOR Reduction (vph)	0	11	0	0	0	4	0	0	0	0	30	0
Lane Group Flow (vph)	0	221	0	0	156	4	0	0	0	14	45	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		869			869	765				619	591	
v/s Ratio Prot											c0.03	
v/s Ratio Perm		c0.12			0.09	0.00				0.01		
v/c Ratio		0.25			0.18	0.01				0.02	0.08	
Uniform Delay, d1		9.1			8.8	8.0				12.8	13.0	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.7			0.5	0.0				0.1	0.3	
Delay (s)		9.8			9.2	8.0				12.8	13.3	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.8			9.2			0.0			13.2	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay			10.2				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.18									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			32.0%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Existing

Timing Plan: AM Peak


													
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
Lane Configurations													
Traffic Volume (vph)	11	72	24	9	83	3	0	0	0	6	20	10	
Future Volume (vph)	11	72	24	9	83	3	0	0	0	6	20	10	
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0		
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00		
Frt		0.97			1.00	0.85				1.00	0.95		
Flt Protected		0.99			1.00	1.00				0.95	1.00		
Satd. Flow (prot)		1797			1854	1583				1770	1772		
Flt Permitted		0.97			0.97	1.00				0.95	1.00		
Satd. Flow (perm)		1756			1816	1583				1770	1772		
Peak-hour factor, PHF	0.78	0.78	0.78	0.67	0.67	0.67	0.92	0.92	0.92	0.81	0.81	0.81	
Adj. Flow (vph)	14	92	31	13	124	4	0	0	0	7	25	12	
RTOR Reduction (vph)	0	18	0	0	0	2	0	0	0	0	7	0	
Lane Group Flow (vph)	0	119	0	0	137	2	0	0	0	7	30	0	
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA		
Protected Phases		4			8						6		
Permitted Phases	4			8		8				6			
Actuated Green, G (s)		26.0			26.0	26.0				24.0	24.0		
Effective Green, g (s)		26.0			26.0	26.0				24.0	24.0		
Actuated g/C Ratio		0.43			0.43	0.43				0.40	0.40		
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0		
Lane Grp Cap (vph)		760			786	685				708	708		
v/s Ratio Prot											c0.02		
v/s Ratio Perm		0.07			c0.08	0.00				0.00			
v/c Ratio		0.16			0.17	0.00				0.01	0.04		
Uniform Delay, d1		10.3			10.4	9.6				10.8	11.0		
Progression Factor		1.00			1.00	1.00				1.00	1.00		
Incremental Delay, d2		0.4			0.5	0.0				0.0	0.1		
Delay (s)		10.8			10.9	9.7				10.9	11.1		
Level of Service		B			B	A				B	B		
Approach Delay (s)		10.8			10.9			0.0			11.1		
Approach LOS		B			B			A			B		
Intersection Summary													
HCM 2000 Control Delay			10.9									HCM 2000 Level of Service	B
HCM 2000 Volume to Capacity ratio			0.11										
Actuated Cycle Length (s)			60.0							10.0		Sum of lost time (s)	
Intersection Capacity Utilization			29.2%									ICU Level of Service	A
Analysis Period (min)			15										
c Critical Lane Group													

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Existing



















Timing Plan: PM Peak

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔			↔	↔				↔	↔	
Traffic Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Future Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.98			1.00	0.85				1.00	0.91	
Flt Protected		1.00			0.99	1.00				0.95	1.00	
Satd. Flow (prot)		1818			1853	1583				1770	1691	
Flt Permitted		0.99			0.97	1.00				0.95	1.00	
Satd. Flow (perm)		1798			1798	1583				1770	1691	
Peak-hour factor, PHF	0.89	0.89	0.89	0.86	0.86	0.86	0.92	0.92	0.92	0.63	0.63	0.63
Adj. Flow (vph)	12	183	37	16	140	8	0	0	0	14	29	46
RTOR Reduction (vph)	0	11	0	0	0	4	0	0	0	0	30	0
Lane Group Flow (vph)	0	221	0	0	156	4	0	0	0	14	45	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		869			869	765				619	591	
v/s Ratio Prot												c0.03
v/s Ratio Perm		c0.12			0.09	0.00				0.01		
v/c Ratio		0.25			0.18	0.01				0.02	0.08	
Uniform Delay, d1		9.1			8.8	8.0				12.8	13.0	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.7			0.5	0.0				0.1	0.3	
Delay (s)		9.8			9.2	8.0				12.8	13.3	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.8			9.2			0.0			13.2	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay			10.2				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.18									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			32.0%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

3: Pine & Park









Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Sign Control		Stop			Stop			Stop			Stop	
Traffic Volume (vph)	0	3	0	0	34	2	11	5	4	2	0	10
Future Volume (vph)	0	3	0	0	34	2	11	5	4	2	0	10
Peak Hour Factor	0.92	0.92	0.92	0.60	0.60	0.60	0.60	0.60	0.60	0.50	0.50	0.50
Hourly flow rate (vph)	0	3	0	0	57	3	18	8	7	4	0	20
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2						
Volume Total (vph)	3	60	18	15	4	20						
Volume Left (vph)	0	0	18	0	4	0						
Volume Right (vph)	0	3	0	7	0	20						
Hadj (s)	0.03	0.00	0.53	-0.29	0.53	-0.67						
Departure Headway (s)	4.1	4.0	5.2	4.4	5.2	4.0						
Degree Utilization, x	0.00	0.07	0.03	0.02	0.01	0.02						
Capacity (veh/h)	854	876	676	802	671	874						
Control Delay (s)	7.1	7.3	7.1	6.2	7.0	5.9						
Approach Delay (s)	7.1	7.3	6.7		6.1							
Approach LOS	A	A	A		A							
Intersection Summary												
Delay			6.9									
Level of Service			A									
Intersection Capacity Utilization			20.0%		ICU Level of Service			A				
Analysis Period (min)			15									

HCM Unsignalized Intersection Capacity Analysis

5: Mason & Park


















Proposed
04/29/2024

						
Movement	EBT	EBR	WBL	WBT	NWL	NWR
Lane Configurations						
Traffic Volume (veh/h)	3	3	30	25	0	0
Future Volume (Veh/h)	3	3	30	25	0	0
Sign Control	Stop			Yield	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	3	3	33	27	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	0	0	4	0	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	0	0	4	0	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	100	100	97	97	100	
cM capacity (veh/h)	896	1085	1011	896	1623	
Direction, Lane #	EB 1	WB 1				
Volume Total	6	60				
Volume Left	0	33				
Volume Right	3	0				
cSH	981	956				
Volume to Capacity	0.01	0.06				
Queue Length 95th (ft)	0	5				
Control Delay (s)	8.7	9.0				
Lane LOS	A	A				
Approach Delay (s)	8.7	9.0				
Approach LOS	A	A				
Intersection Summary						
Average Delay		9.0				
Intersection Capacity Utilization		13.0%		ICU Level of Service		A
Analysis Period (min)		15				

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing



















Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	11	72	24	9	83	3	0	0	0	3	20	10
Future Volume (vph)	11	72	24	9	83	3	0	0	0	3	20	10
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.97			1.00	0.85				1.00	0.95	
Flt Protected		0.99			1.00	1.00				0.95	1.00	
Satd. Flow (prot)		1797			1854	1583				1770	1772	
Flt Permitted		0.97			0.98	1.00				0.95	1.00	
Satd. Flow (perm)		1758			1818	1583				1770	1772	
Peak-hour factor, PHF	0.78	0.78	0.78	0.67	0.67	0.67	0.92	0.92	0.92	0.81	0.81	0.81
Adj. Flow (vph)	14	92	31	13	124	4	0	0	0	4	25	12
RTOR Reduction (vph)	0	16	0	0	0	2	0	0	0	0	8	0
Lane Group Flow (vph)	0	121	0	0	137	2	0	0	0	4	29	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		849			878	765				619	620	
v/s Ratio Prot											c0.02	
v/s Ratio Perm		0.07			c0.08	0.00				0.00		
v/c Ratio		0.14			0.16	0.00				0.01	0.05	
Uniform Delay, d1		8.6			8.7	8.0				12.7	12.9	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.4			0.4	0.0				0.0	0.1	
Delay (s)		9.0			9.0	8.0				12.7	13.0	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.0			9.0			0.0			13.0	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay			9.5				HCM 2000 Level of Service			A		
HCM 2000 Volume to Capacity ratio			0.11									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			26.7%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												

HCM Unsignalized Intersection Capacity Analysis

3: Pine & Park









Proposed
04/29/2024

																		
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR						
Lane Configurations																		
Sign Control		Stop			Stop			Stop			Stop							
Traffic Volume (vph)	0	0	0	0	41	6	12	11	6	3	0	7						
Future Volume (vph)	0	0	0	0	41	6	12	11	6	3	0	7						
Peak Hour Factor	0.92	0.92	0.92	0.69	0.69	0.69	0.89	0.89	0.89	0.83	0.83	0.83						
Hourly flow rate (vph)	0	0	0	0	59	9	13	12	7	4	0	8						
Direction, Lane #	EB 1	WB 1	NB 1	NB 2	SB 1	SB 2												
Volume Total (vph)	0	68	13	19	4	8												
Volume Left (vph)	0	0	13	0	4	0												
Volume Right (vph)	0	9	0	7	0	8												
Hadj (s)	0.00	-0.05	0.53	-0.22	0.53	-0.67												
Departure Headway (s)	4.1	4.0	5.2	4.4	5.2	4.0												
Degree Utilization, x	0.00	0.07	0.02	0.02	0.01	0.01												
Capacity (veh/h)	880	896	675	789	669	871												
Control Delay (s)	7.1	7.3	7.1	6.3	7.0	5.8												
Approach Delay (s)	0.0	7.3	6.6		6.2													
Approach LOS	A	A	A		A													
Intersection Summary																		
Delay			7.0															
Level of Service			A															
Intersection Capacity Utilization			20.0%		ICU Level of Service				A									
Analysis Period (min)			15															

HCM Unsignalized Intersection Capacity Analysis

5: Mason & Park


















Proposed
04/29/2024

						
Movement	EBT	EBR	WBL	WBT	NWL	NWR
Lane Configurations						
Traffic Volume (veh/h)	0	0	56	4	0	0
Future Volume (Veh/h)	0	0	56	4	0	0
Sign Control	Stop			Yield	Free	
Grade	0%			0%	0%	
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Hourly flow rate (vph)	0	0	61	4	0	0
Pedestrians						
Lane Width (ft)						
Walking Speed (ft/s)						
Percent Blockage						
Right turn flare (veh)						
Median type					None	
Median storage (veh)						
Upstream signal (ft)						
pX, platoon unblocked						
vC, conflicting volume	0	0	0	0	0	
vC1, stage 1 conf vol						
vC2, stage 2 conf vol						
vCu, unblocked vol	0	0	0	0	0	
tC, single (s)	6.5	6.2	7.1	6.5	4.1	
tC, 2 stage (s)						
tF (s)	4.0	3.3	3.5	4.0	2.2	
p0 queue free %	100	100	94	100	100	
cM capacity (veh/h)	896	1085	1023	896	1623	
Direction, Lane #	EB 1	WB 1				
Volume Total	0	65				
Volume Left	0	61				
Volume Right	0	0				
cSH	1700	1014				
Volume to Capacity	0.01	0.06				
Queue Length 95th (ft)	0	5				
Control Delay (s)	0.0	8.8				
Lane LOS	A	A				
Approach Delay (s)	0.0	8.8				
Approach LOS	A	A				
Intersection Summary						
Average Delay		8.8				
Intersection Capacity Utilization		6.7%		ICU Level of Service		A
Analysis Period (min)		15				

HCM Signalized Intersection Capacity Analysis

7: Mason & Nepessing

Proposed
04/29/2024

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Future Volume (vph)	11	163	33	14	120	7	0	0	0	9	18	29
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Total Lost time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Util. Factor		1.00			1.00	1.00				1.00	1.00	
Frt		0.98			1.00	0.85				1.00	0.91	
Flt Protected		1.00			0.99	1.00				0.95	1.00	
Satd. Flow (prot)		1818			1853	1583				1770	1691	
Flt Permitted		0.99			0.97	1.00				0.95	1.00	
Satd. Flow (perm)		1798			1798	1583				1770	1691	
Peak-hour factor, PHF	0.89	0.89	0.89	0.86	0.86	0.86	0.92	0.92	0.92	0.63	0.63	0.63
Adj. Flow (vph)	12	183	37	16	140	8	0	0	0	14	29	46
RTOR Reduction (vph)	0	11	0	0	0	4	0	0	0	0	30	0
Lane Group Flow (vph)	0	221	0	0	156	4	0	0	0	14	45	0
Turn Type	Perm	NA		Perm	NA	Perm				Perm	NA	
Protected Phases		4			8						6	
Permitted Phases	4			8		8				6		
Actuated Green, G (s)		29.0			29.0	29.0				21.0	21.0	
Effective Green, g (s)		29.0			29.0	29.0				21.0	21.0	
Actuated g/C Ratio		0.48			0.48	0.48				0.35	0.35	
Clearance Time (s)		5.0			5.0	5.0				5.0	5.0	
Lane Grp Cap (vph)		869			869	765				619	591	
v/s Ratio Prot												c0.03
v/s Ratio Perm		c0.12			0.09	0.00				0.01		
v/c Ratio		0.25			0.18	0.01				0.02	0.08	
Uniform Delay, d1		9.1			8.8	8.0				12.8	13.0	
Progression Factor		1.00			1.00	1.00				1.00	1.00	
Incremental Delay, d2		0.7			0.5	0.0				0.1	0.3	
Delay (s)		9.8			9.2	8.0				12.8	13.3	
Level of Service		A			A	A				B	B	
Approach Delay (s)		9.8			9.2			0.0			13.2	
Approach LOS		A			A			A			B	
Intersection Summary												
HCM 2000 Control Delay			10.2				HCM 2000 Level of Service			B		
HCM 2000 Volume to Capacity ratio			0.18									
Actuated Cycle Length (s)			60.0				Sum of lost time (s)			10.0		
Intersection Capacity Utilization			32.0%				ICU Level of Service			A		
Analysis Period (min)			15									
c Critical Lane Group												



Transportation Improvement Association

Crash Detail for 1/1/2019 - 12/31/2023

Criteria: WHERE A.AGENCY_ID = 14 AND cast(A.DATE_VAL as date) BETWEEN 01/01/2019' AND '12/31/2023' AND A.LATITUDE IS NOT NULL AND A.LONGITUDE IS NOT NULL AND geom

#1 Location: N PINE (0.12) 0 feet Xof W PARK ST Crash ID: 2037453
Date: 06/25/2020 Day: Thu Hour: 5pm Weather: clear Roadway: dry Light: day
Injy K: 0 Injy A: 0 Injy B: 0 Injy C: 0 Injy 0: 1 How: single
CVT: Lapeer Area: w/i intersection HBD: N Drugs: N Complaint #: 200004076
Unit# Veh Dir Action Prior Event 1 Event 2 Event 3 Event 4 Haz Action Veh Type Damage
1 N go straight curb none none none disrgd traffic cntrl car rtfront
UD10: [2037453](#)

#2 Location: W PARK (0.569) 32 feet Eof N COURT ST Crash ID: 2207188
Date: 01/28/2021 Day: Thu Hour: 10a Weather: clear Roadway: dry Light: day
Injy K: 0 Injy A: 0 Injy B: 0 Injy C: 0 Injy 0: 2 How: ss-same
CVT: Lapeer Area: straight HBD: N Drugs: N Complaint #: 210000456
Unit# Veh Dir Action Prior Event 1 Event 2 Event 3 Event 4 Haz Action Veh Type Damage
1 W change lanes veh in transpt none none none imprp lane use car lftfront
2 W go straight veh in transpt none none none none pickup rtfront
UD10: [2207188](#)

#3 Location: W PARK (0.509) 16 feet Nof CEDAR ST Crash ID: 2523807
Date: 02/12/2022 Day: Sat Hour: 2am Weather: cloudy Roadway: snow Light: dark/ltl
Injy K: 0 Injy A: 0 Injy B: 0 Injy C: 0 Injy 0: 2 How: other
CVT: Lapeer Area: straight HBD: Y Drugs: Y Complaint #: 220000966
Unit# Veh Dir Action Prior Event 1 Event 2 Event 3 Event 4 Haz Action Veh Type Damage
1 W go straight loss of control none none none carels driving car ctrfront
UD10: [2523807](#)

#4 Location: W PARK (0.565) 11 feet Nof N COURT ST Crash ID: 2565046
Date: 04/11/2022 Day: Mon Hour: 2pm Weather: clear Roadway: dry Light: day
Injy K: 0 Injy A: 0 Injy B: 0 Injy C: 0 Injy 0: 2 How: angle
CVT: Lapeer Area: w/i intersection HBD: N Drugs: N Complaint #: 220002281
Unit# Veh Dir Action Prior Event 1 Event 2 Event 3 Event 4 Haz Action Veh Type Damage
1 N go straight veh in transpt none none none disrgd traffic cntrl pickup rtfront
2 W go straight veh in transpt none none none none car lftrear
UD10: [2565046](#)

#5 Location: W PARK (0.616) 20 feet Wof PINE ST Crash ID: 2844442
Date: 03/07/2023 Day: Tue Hour: 7am Weather: clear Roadway: wet Light: day
Injy K: 0 Injy A: 0 Injy B: 0 Injy C: 0 Injy 0: 3 How: rr-end
CVT: Lapeer Area: w/i intersection HBD: N Drugs: N Complaint #: 230001446
Unit# Veh Dir Action Prior Event 1 Event 2 Event 3 Event 4 Haz Action Veh Type Damage
1 W go straight veh in transpt none none none unable to stop car ctrfront
2 W stop on road veh in transpt none none none carels driving car ctrrear
UD10: [2844442](#)



#6 **Location:** N COURT (0.699) 10 feet Sof W PARK ST **Crash ID:** 3035263

Date: 10/25/2023 **Day:** Wed **Hour:** 1pm **Weather:** cloudy **Roadway:** dry **Light:** day

Injy K: 0 **Injy A:** 0 **Injy B:** 0 **Injy C:** 0 **Injy 0:** 3 **How:** angle

CVT: Lapeer **Area:** w/i intersection **HBD:** N **Drugs:** N **Complaint #:** 230008356

Unit#	Veh Dir	Action Prior	Event 1	Event 2	Event 3	Event 4	Haz Action	Veh Type	Damage
1	N	start on rdwy	veh in transpt	none	none	none	failed to yield	car	ctrfront
2	W	go straight	veh in transpt	none	none	none	none	pickup	lftside

UD10: [3035263](#)

Crash Type

Count	Type
0	uncoded
1	single
0	head-on
0	head-on/lt
2	angle
1	rr-end
0	rr-end/lt
0	rr-end/rt
1	ss-same
0	ss-opp
0	back
1	other
0	unknown
Totals	6

Lighting Conditions

Count	Type
0	uncoded
5	day
0	dawn
0	dusk
1	dark/ltd
0	dark/unltd
0	other
0	unknown
Totals	6

Weather Conditions

Count	Type
0	uncoded
4	clear
2	cloudy
0	fog
0	rain
0	snow
0	wind
0	sleet/hail
0	blowing snow
0	blowing sand
0	smoke
0	unknown
Totals	6

Road Condition

Count	Type
0	uncoded
4	dry
1	wet
0	ice
1	snow
0	mud
0	slush
0	debris
0	water
0	sand
0	oily
0	other
0	unknown
Totals	6

Crashes by Month

Count	Type
1	January
1	February
1	March
1	April
0	May
1	June
0	July
0	August
0	September
1	October
0	November
0	December
Totals	6

Hazardous Action

Count	Type
3	none
0	speeding
0	spd too slow
1	failed to yield
2	disrgd traffic cntrl
0	wrong way
0	left of center
0	imprp passing
1	imprp lane use
0	imprp turn
0	imprp/no signal
0	imprp backing
1	unable to stop
0	other
0	unknown
0	reckls driving
2	carels driving
Totals	10

Unit Type

Count	Type
0	Bicyclist
0	Engineer
10	Vehicle
0	Pedestrian
Totals	10

Crashes by Year

Count	Type
1	2020
1	2021
2	2022
2	2023
Totals	6

Crash Severity

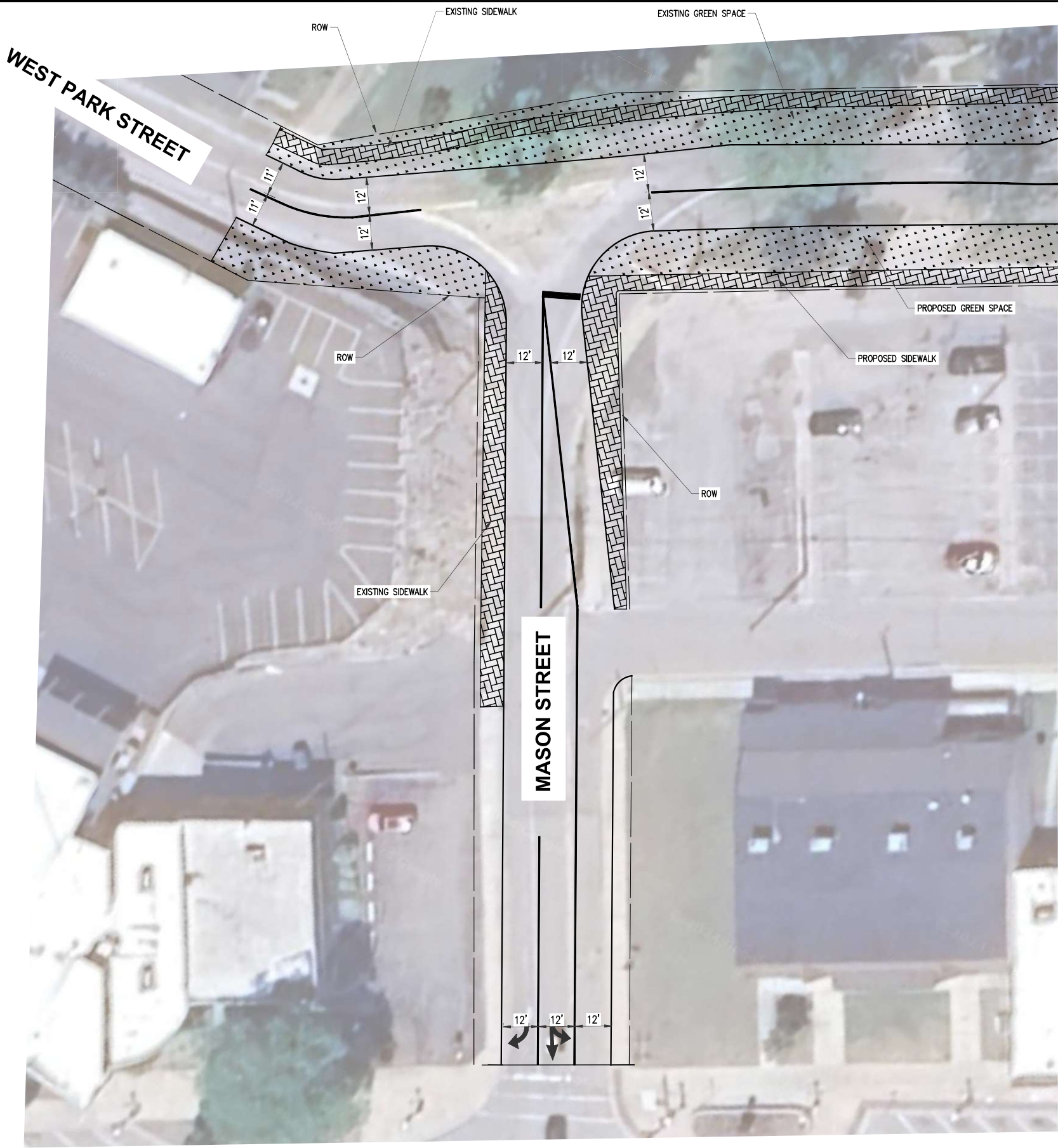
	Fatal	A	B	C	No Injy	Total
Persons	0	0	0	0	0	0
Crashes	0	0	0	0	6	6

Alcohol in Crashes

	Fatal	A	B	C	PDO	Total
Drinking	0	0	0	0	1	1
Not Drinking	0	0	0	0	5	5
Totals	0	0	0	0	6	6

Crashes per Hour by Day

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total
12a-1a	0	0	0	0	0	0	0	0
1a-2a	0	0	0	0	0	0	0	0
2a-3a	0	0	0	0	0	0	1	1
3a-4a	0	0	0	0	0	0	0	0
4a-5a	0	0	0	0	0	0	0	0
5a-6a	0	0	0	0	0	0	0	0
6a-7a	0	0	0	0	0	0	0	0
7a-8a	0	0	1	0	0	0	0	1
8a-9a	0	0	0	0	0	0	0	0
9a-10a	0	0	0	0	0	0	0	0
10a-11a	0	0	0	0	1	0	0	1
11a-12p	0	0	0	0	0	0	0	0
12p-1p	0	0	0	0	0	0	0	0
1p-2p	0	0	0	1	0	0	0	1
2p-3p	0	1	0	0	0	0	0	1
3p-4p	0	0	0	0	0	0	0	0
4p-5p	0	0	0	0	0	0	0	0
5p-6p	0	0	0	0	1	0	0	1
6p-7p	0	0	0	0	0	0	0	0
7p-8p	0	0	0	0	0	0	0	0
8p-9p	0	0	0	0	0	0	0	0
9p-10p	0	0	0	0	0	0	0	0
10p-11p	0	0	0	0	0	0	0	0
11p-12a	0	0	0	0	0	0	0	0
Totals	0	1	1	1	2	0	1	6



WEST PARK STREET

NEPESSING STREET

MASON STREET



PLAN SUBMITTALS AND CHANGES

PRELIMINARY PLANS - **NOT FOR CONSTRUCTION**

DATE	DESCRIPTION

REV:

SHT# 1 OF 3
JOB No: 2400164

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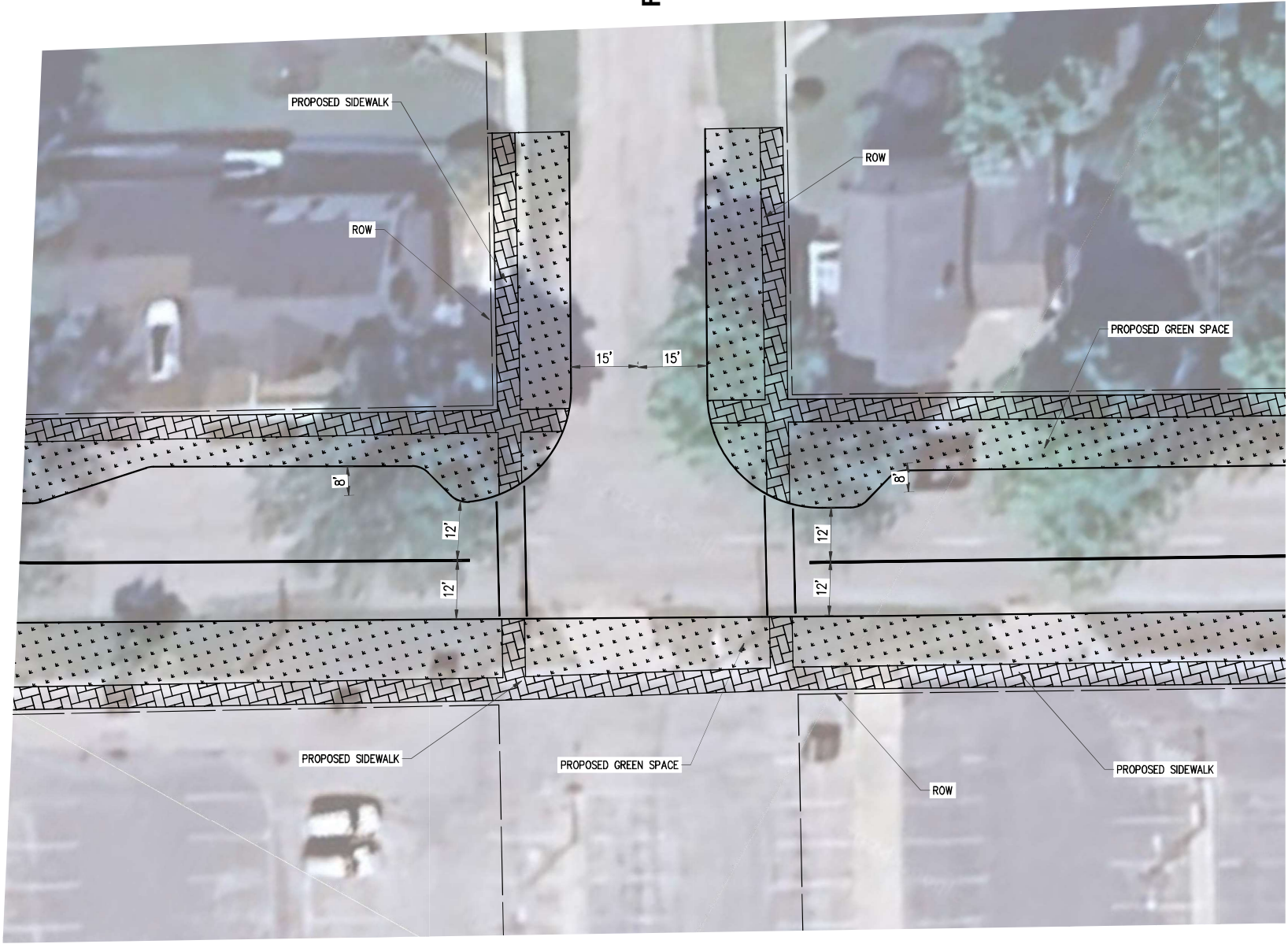
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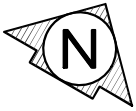
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MASON AND PARK

WEST PARK STREET



WEST PARK STREET



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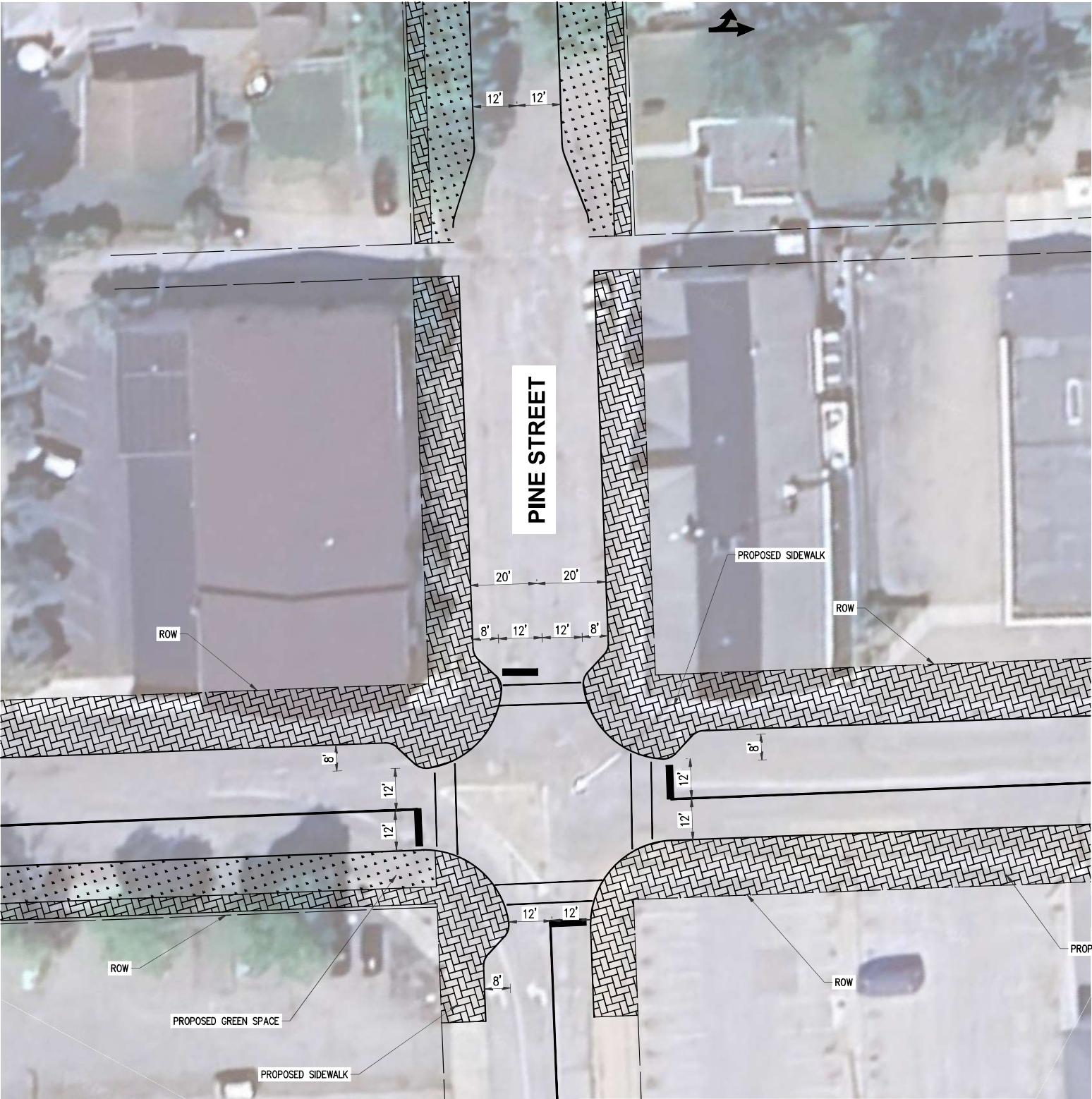
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SHT# 2 OF 3
JOB No: 2400164

WEST PARK STREET



WEST PARK STREET



PLAN SUBMITTALS AND CHANGES

PRELIMINARY PLANS - **NOT FOR CONSTRUCTION**

DATE	DESCRIPTION

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SHT# 3 OF 3

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CITY OF LAPEER
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PINE AND PARK



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REVIEWER: HAS
SCALE: 1" = 20'



Memorandum

To: Michael Womack, City Manager
From: Paul O'Meara, P.E., Senior Project Manager
Date: June 17, 2024
RE: Parking Lot #9 Reconstruction

The City of Lapeer is currently planning to reconstruct the Municipal Parking Lot #9 in conjunction with the reconstruction of Park Street from Mason Street to Saginaw Street (adjacent). ROWE's concurrent traffic study of the conversion of Park Street from a one-way to two-way street can be found under separate cover. For discussion purposes, ROWE has prepared the three attached sketches of Parking Lot #9:

- Existing Conditions
- Concept A – Reconfigured parking lot using two long travel lanes running east and west.
- Concept B – An enhanced version of the existing lot, using 13 shorter travel lanes running north and south.

Both concept plans assume that:

1. The multiple driveways connecting the current parking lot to Park Street will be removed and replaced with just three driveways, which is considered adequate for this area.
2. The existing right-of-way encroachment on the west end of the parking lot (at Mason Street) will be removed, allowing the flexibility to widen Mason Street as needed to facilitate two-way traffic, as recommended in the accompanying traffic study.
3. Based on the city's most recent parking study results, the number of parking spaces being provided is more than is necessary. When studied last November during the peak business hours, the lot peaked at 52 percent occupancy, and averaged only 45 percent occupancy during the study period, drawing the conclusion that the amount of parking spaces provided in the lot could be reduced in favor of more green space to help improve the aesthetics of the lot, and improve pedestrian accessibility. (Referenced parking study attached for reference.)

On June 11, 2024, ROWE engineering and planning met with you as well as representatives from the Department of Public Works and the Downtown Development Authority to discuss both the parking lot concepts and the Park Street traffic study. Both ROWE and Lapeer staff appear to be favoring the Concept A plan, noting the following benefits:

1. The official number of parking spaces is yet to be determined. ROWE needs feedback from the city to finalize the plan in the following areas:
 - a. Quantity and preferred locations for American Disabilities Act (ADA) accessible parking spaces.
 - b. Sizing, number, and locations of proposed dumpster enclosures.

Not considering the above factors, the current proposed parking spaces for both Concept plans is similar:

Concept A = 198 parking spaces

Concept B = 202 parking spaces

The existing number of parking spaces is 244. The above counts reduce the available parking by approximately 20 percent. When compared to the parking study results, either of the new concepts should be more than adequate for regular operations.

2. The layout for Concept A is more efficient. Even though it compares well with Concept B, the amount of pavement coverage is 12 percent less than Concept B, and 18 percent less than the existing lot.
3. Concept A provides a wide 15-foot landscape buffer along Park Street, as well as smaller 10-foot-wide green space adjacent to Mason Street and Court Street. The Park Street landscape area could be designed as a green barrier, shielding the lot from the adjacent homes to the north.
4. To reduce the overall size and scale of the lot, landscape areas are proposed in line with Fox Street and Cedar Street. These areas will permit the installation of a concrete sidewalk and trees that will provide pedestrian connections from downtown to the neighborhood to the north.
5. Even though the total amount of asphalt is reduced, the alley as shown is five feet wider than the existing, to help facilitate parked vehicles that will need to back out toward the adjacent loading zones.
6. With the removal of the concrete islands that run through the existing lot (to facilitate parking meters that are no longer present), the new lot will be easier to maintain after snow events, and for general street sweeping.

Other considerations that will be detailed further in the design include:

1. Reconstruction of a pedestrian-friendly sidewalk along the rear of the commercial buildings, incorporating ADA compliant ramps where appropriate, as well as more appropriately sloped vehicular entries to buildings where needed.
2. The existing utility poles that run parallel to the existing buildings will need to remain as is (removing or relocating them would be prohibitively expensive). The Concept A plan depicts the installation of small concrete curbed islands that will allow the existing poles to incorporate just one parking space per pole, enhanced with a smaller flowering tree and landscape stone.
3. The existing streetlights located closer to Park Street can be relocated out of the lot into the green space so as to not lose additional parking spaces. ROWE will also study the

cost and feasibility of installing smaller decorative streetlights along the Park Street corridor as the design is further detailed.

4. The size and number of dumpster enclosures to be installed will have to be determined. However, it is our intention to design the enclosures with high quality aesthetic materials, matching the enclosures that were constructed adjacent to Clay Street in Parking Lot #8.
5. The Concept A plan does not depict any changes to the current driveway/parking area on Cedar Street immediately north of Nepessing Street. The Commission may want to provide feedback of alternative configurations, which would include providing one row of parking, but moving the direction of traffic to northbound (instead of the current southbound). A northbound traffic pattern would give the public looking for parking from Nepessing Street a convenient entry point to the parking lot. Another option to consider is closing this area to parking and creating a small urban park area.

At this time, we look forward to receiving feedback from the City Commission not only on the Park Street traffic study, but on the concept, plans presented for Parking Lot #9. Upon receiving direction from the city, ROWE will be prepared to help the city move the designs for both the parking lot and its adjacent streets to a higher level of detail in order to prepare for eventual reconstruction in 2025.



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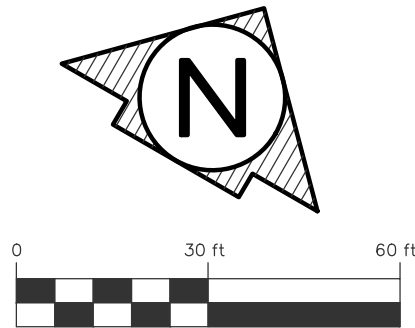
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PARKIG LOT NUMBER 9
EXISTING CONDITIONS SITE PLAN



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REVIEWER:
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PLAN SUBMITTALS AND CHANGES	
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CONCEPT "A" SITE PLAN

PLAN DATE: JUNE 2024

PROJECT MGR: PTO

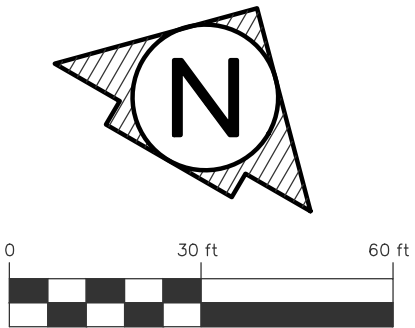
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CONCEPT "B" SITE PLAN



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City of Lapeer
Parking Lot Usage Analysis
December 2023



Summary

ROWE Professional Services Company was contracted by the City of Lapeer to complete a limited analysis of usage of public parking areas within the city's downtown. The study area is generally defined as all public parking areas between Park Street to the north, Mason Street to the west, Farmer's Creek to the south, and Saginaw Street to the east. Each public off-street parking lot is labeled with the associated number assigned to it by the City of Lapeer in the map on page four.

Process

1. Meeting with DDA & Local Businesses

ROWE Professional Services company met with representatives from the City of Lapeer Downtown Development Authority (DDA) along with local business owners in October of 2023 to understand peak times of usage and understand any potential issues with parking in the downtown area. General comments received from this group are summarized below:

- Demand is generally highest during working hours and lunch time, particularly on Tuesdays and Thursdays when County Court is in session.
- There does not appear to be any issue with availability of parking, but pavement conditions and upkeep of public parking areas is an issue, particularly parking lots 5 and 9.
- There are some issues created by businesses who park work vehicles for long periods of time in public lots or in on street spaces.
- Occasionally snow storage/removal can be an issue, but not frequently.
- If new businesses or residential spaces are added to downtown, the city should ensure that adequate parking will be available for those new uses.

2. Observations

ROWE conducted parking counts of both on-street and off-street parking areas at 10AM, 1PM, and 3PM on six separate days listed below.

- Thursday November 9, 2023
- Tuesday November 14, 2023
- Wednesday November 15, 2023
- Thursday November 16, 2023
- Tuesday November 21, 2023

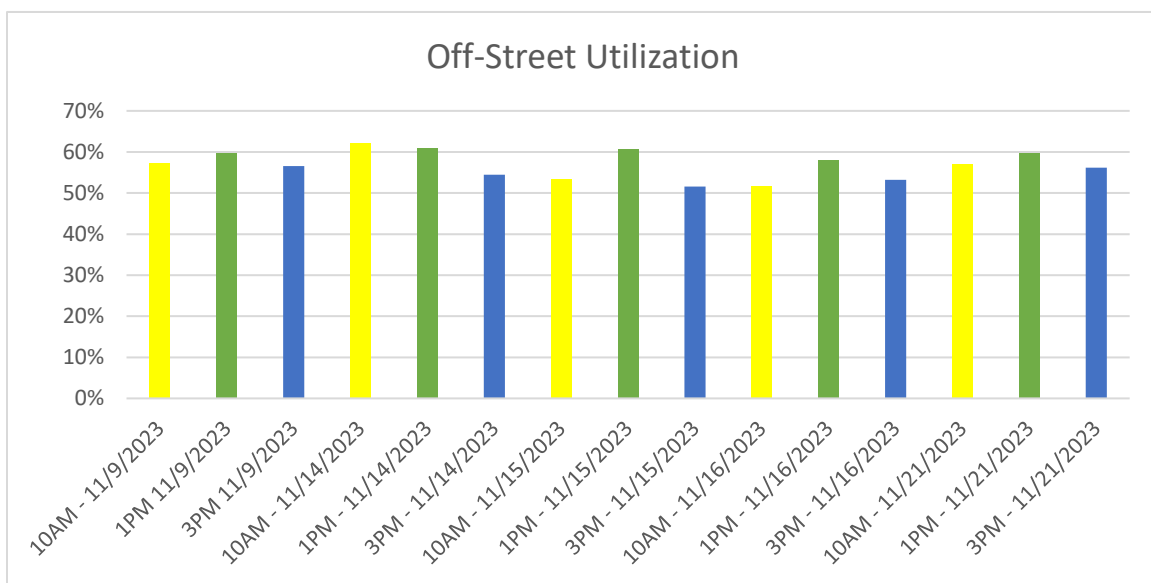
Counts were conducted by a ROWE staff person and reflect the amount of parking at a particular point in time. A summary of key observations is listed below. Full detail of all parking count data is provided in the appendix.

- **The City of Lapeer has a total of 978 parking public parking spaces** available in the study area (810 off-street and 168 on-street). This does not include a number of spaces in Lot 5 adjacent to Farmer's Creek that are currently blocked off for other community uses such as the Farmer's Market or the outdoor ice skating rink.
- **The average usage rate of all off-street parking lots during the observation period was 57 percent.** In other words, on average 348 of the 810 off street spaces are vacant at any given time.
- **The average usage rate of all on-street parking spaces during the observation period was 58 percent.** In other words, on average 71 of the 168 parking spaces are vacant at any given time. Only two blocks had an average usage over 70percent, and both are small with less than

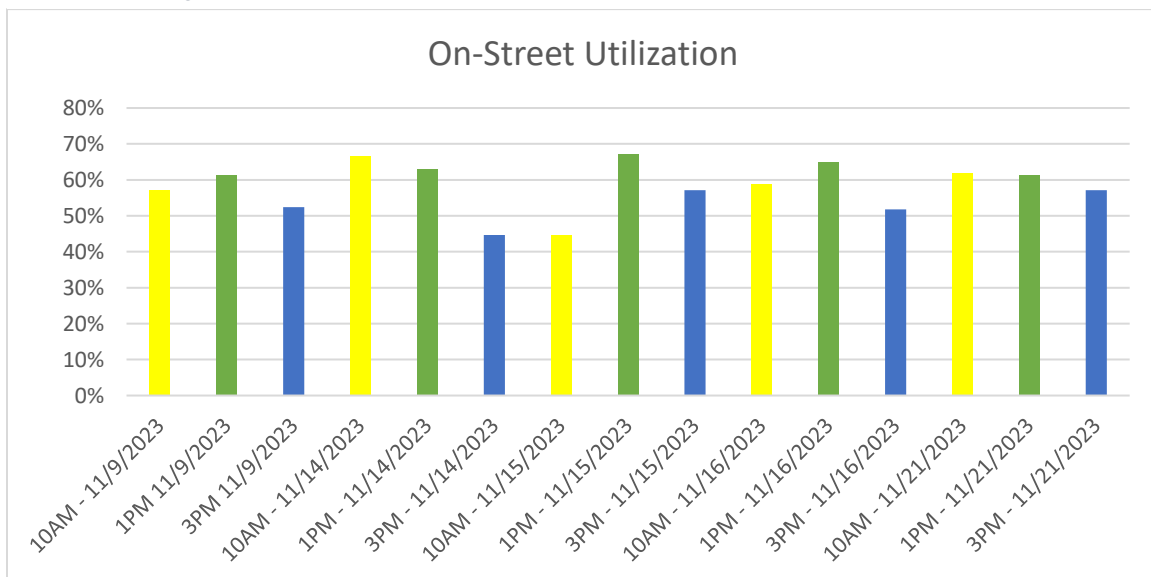
10 parking spaces. Cedar Street had an average usage of 83 percent and Court Street north of Nepessing had an average usage of 73 percent.

- **The time of day with the highest utilization rate was 1PM, when an average of 60.4 percent of all spaces were occupied**, with 10AM second at 56.6 percent occupancy, and 3PM third with 54.1percent.
- **The parking lot with the highest overall usage rate is lot 6 and 7**, with a total average usage rate across the 15 observations of 87 percent.
- **The parking lots with the lowest usage rates were lots 1 and 10**, with total average usage rates of 29 percent and 18 percent, respectively.
- **Overall, usage rates were extremely consistent, with a high of 63.0 percent at 10AM on November 14th and a low of 51.9 percent at 10AM on November 15th.**

Off-Street Parking Utilization



On-Street Parking Utilization



Parking Study Area



Analysis

Public off-street parking areas account for 9 acres (25 percent) of the total 36-acre study area. Several of the parking areas are in disrepair, in need of re-striping, and do not meet the city's zoning ordinance standards for parking lot design. With no paid parking in the downtown area, the city may need to explore creative solutions through grants or other revenue tools to address these costs. One option may also be to reduce the number of publicly owned parking lots in the downtown area and encourage redevelopment of those lots, which will generate additional revenue for the DDA district that could help support necessary maintenance and upgrades.

Based on the data gathered during parking counts, observation of the overall use and function of the parking areas, and feedback from the DDA and small business owners, ROWE recommends the following follow-up actions.

1. Optimize Parking Lot #9

Most of the public parking lots in the study area are in significant need of maintenance and repair. This includes some highly visible parking lots like Lot 9 that service downtown businesses on the north side of Nepessing Street. While other lots are also in need of significant repair, improvements to Lot 9 present the most potential return on investment because of the potential positive impact on businesses on the north side of Nepessing Street. ROWE recommends the City of Lapeer consider following actions:

1. Evaluate the potential of re-orienting Lot 9 so parking aisles run east-west rather than north-south. This should allow for a similar number of parking spaces to be provided while providing for better pedestrian linkages with neighborhoods to the north.
2. Enhance pedestrian infrastructure in Lot #9 to make a stronger connection to the neighborhoods to the north by continuing the pedestrian connections with Fox Street and Cedar Street through the parking areas.
3. Move dumpsters into high-quality enclosures that are consistent with city standards for dumpster enclosures.

Parking Lot 9 Pavement Deterioration



2. Re-Purpose Lots 1 and 10

The issues and opportunities associated with lots 1 and 10 are quite different.

Lot 10 is small, with just 24 spaces and approximately 7,200 square feet of area. It is located between a two-story office building and a well-maintained single family residential structure. There is on-street parking along Clay Street immediately adjacent to the lot, along with parking in Lot 8 just north of Clay Street. Making this lot available for redevelopment as missing middle housing (three or four units) or as an office/mixed use building would be appropriate given the context of the neighborhood.

Lot 1 on the other hand is fairly large, with 60 parking spaces and a total area of 20,800 square feet. During observations no more than 22 parking spaces were ever utilized. This could be due to the vacant site immediately to the north that was destroyed by a fire and is yet to be redeveloped, but there may be an opportunity to repurpose some or all of this site for redevelopment given the proximity of Lot 5 which has an average usage rate of 68 percent.

Parking Lots 1 and 10



3. Right-Size Lot 5

Lot 5 includes a large, paved area that is in very poor condition, and the majority of the lot is located within the floodplain for Farmer's Creek. The southern portion of the parking area that is frequently blocked off for parking purposes could be re-purposed for green space and to create a stronger pedestrian connection between Annrook Park, downtown, and neighborhoods to the north, utilizing the existing pedestrian bridge that is roughly aligned with Pine Street.

Vacant Portion of Lot 5 with Pedestrian Bridge



Appendix: Parking Count Data

Parking Lot Number	Location	2023 Available Spaces	10AM - 11/9/2023	1PM 11/9/2023	3PM 11/9/2023	10AM - 11/14/2023	1PM - 11/14/2023	3PM - 11/14/2023	10AM - 11/15/2023	1PM - 11/15/2023	3PM - 11/15/2023	10AM - 11/16/2023	1PM - 11/16/2023	3PM - 11/16/2023	10AM - 11/21/2023	1PM - 11/21/2023	3PM - 11/21/2023	Avg. Occupancy	Avg. Occ./Avail. Spaces
1	NE Corner of Clay & Court	60	15	17	20	18	20	15	13	22	15	7	20	21	18	20	18	17.27	29%
2	Housing Commission	28	19	23	17	16	17	19	9	17	15	12	16	15	12	23	19	16.60	59%
3	SW Corner of Pine & Park	26	11	16	12	13	13	9	14	11	11	11	15	12	14	14	13	12.60	48%
4	SE Corner of Pine & Park	48	28	23	18	29	23	26	24	20	22	23	19	19	25	24	23	23.07	48%
5	Between Court & Saginaw	121	87	73	97	98	79	83	76	77	73	77	80	76	84	84	87	82.07	68%
6 & 7	SW Corner of Clay & Cedar	105	98	93	87	99	91	94	104	96	87	92	78	85	97	86	99	92.40	88%
8	Clay St. between Mason & Cedar	164	107	125	100	115	125	89	91	119	85	104	121	95	105	122	103	107.07	65%
9	Park St. between Mason & Court	234	94	108	100	111	122	101	97	123	105	89	116	105	104	108	92	105.00	45%
10	Clay St. between Mason & Fox	24	6	5	7	5	3	5	5	7	5	4	4	3	3	3	1	4.40	18%
Total		810	465	483	458	504	493	441	433	492	418	419	469	431	462	484	455	460.47	57%
Off-Street Utilization Rate		-	57%	60%	57%	62%	61%	54%	53%	61%	52%	52%	58%	53%	57%	60%	56%	57%	
Street Parking	Location																		
Court St. S	South of Nepessing	19	11	11	9	11	10	4	4	15	9	11	15	9	14	12	12	10.47	55%
Court St. N	North of Nepessing	8	5	4	6	9	3	4	4	6	8	3	7	7	8	6	8	5.87	73%
Clay St.		30	18	16	14	24	29	15	15	22	10	23	12	13	16	22	16	17.67	59%
Pine St.		8	1	2	3	3	1	1	1	1	1	0	3	4	3	2	2	1.87	23%
Cedar St.		10	11	12	11	9	7	7	7	10	8	7	6	6	9	8	7	8.33	83%
Nepessing St. W	W of Court	63	32	42	30	38	41	33	33	48	41	38	46	33	37	41	38	38.07	60%
Nepessing St. E	E of Court	30	18	16	15	18	15	11	11	11	19	17	20	15	17	12	13	15.20	51%
Total		168	96	103	88	112	106	75	75	113	96	99	109	87	104	103	96	97.47	58%
On-Street Utilization Rate		-	57%	61%	52%	67%	63%	45%	45%	67%	57%	59%	65%	52%	62%	61%	57%	58%	
Overall Utilization Rate		-	57%	60%	56%	63%	61%	53%	52%	62%	53%	53%	59%	53%	58%	60%	56%	57%	

***Note, Parking Lot Number 5 total available spaces does not include the large area adjacent to Farmers Creek that is currently blocked off for community events.**



ITEM J-1

To: Mayor and City Commission
Date: June 25, 2024
RE: Boards & Commissions Appointments

MAYORAL APPOINTMENT

BOARD OR COMMISSION	MEMBER NAME	CURRENT TERM EXPIRES	TERM LENGTH	NEW TERM EXPIRATION	COMMENTS Re: STATUS
County Center Board	Vacancy	Jan 1, 2025	1 Year		Awaiting Recommendation
EDC/TIFA/Brownfield	Vacancy Vacancy	Mar 1, 2030 Mar 1, 2030	6 Year 6 Year		Awaiting Recommendation
Lapeer Housing Commission	James Mikus	Aug 1, 2024	5 Year	Aug 1, 2029	Recommend Reappointment
Lapeer Neighborhoods, Inc.	James Mikus Brad Chayka	Aug 1, 2024 Aug 1, 2024	2 Year 2 Year	Aug 1, 2026 Aug 1, 2026	Recommend Reappointment
Local Officers Compensation Commission	Vacancy Vacancy	Oct 1, 2026 Oct 1, 2027	5 Year 5 Year		Awaiting Recommendation
Planning Commission	Jennell RaCosta	Aug 1, 2024	3 Year	Aug 1, 2027	Recommend Reappointment

COMMISSION APPOINTMENTS

BOARD OR COMMISSION	MEMBER NAME	EXPIRATION	TERM LENGTH	NEW TERM EXPIRATION	COMMENTS Re: STATUS
Board of Review	Vacancy	Jan 1, 2026	3 Year		Awaiting Recommendation
Income Tax Board of Review	Vacancy	Dec 1, 2027	3 Year		Awaiting Recommendation
Prison Liaison Committee	Vacancy	Apr 1, 2025	3 Year		Awaiting Recommendation
Zoning Board of Appeals	Vacancy – Alternate	Apr 1, 2027	3 Year		Awaiting Recommendation

AGENDA ITEM REVIEW

Meeting Date: July 1, 2024
Consent:
Administrative: X
Public Hearing:

Date Reviewed: June 26, 2024
Reviewed By: R. Sanchez, City Clerk

From: [Denise Soldenski](#)
To: [Romona Sanchez](#)
Subject: FW: Boards & Comm
Date: Wednesday, June 19, 2024 8:00:23 AM
Attachments: [image002.png](#)

Hello Romona,
Please see below. Mr. Mikus would like to renew for both LHC and LNI. Thank you!!

From: James Mikus <jmikus2001@yahoo.com>
Sent: Tuesday, June 18, 2024 10:09 PM
To: Denise Soldenski <dsoldenski@ci.lapeer.mi.us>
Subject: Re: Boards & Comm

Hi Denise,

Yes, I am interested in renewing my board term for both the LHC and LNI.

My time flies! It seems like yesterday that these were renewed.

See you Thursday.

Jim

On Tuesday, June 18, 2024 at 11:57:16 AM EDT, Denise Soldenski <dsoldenski@ci.lapeer.mi.us> wrote:

Hello Mr. Mikus,

I hope all is well on your end! I'm reaching out to see if you are interested in renewing your board terms for both the LHC and LNI? Both expire this August. LHC would be for another 5 yr term and LNI would be another 2 yr term.

I VERY much appreciate you and hope that you would like to renew!! Please let me know and I will forward back to Romona. Thanks so much!

From: Romona Sanchez <rsanchez@ci.lapeer.mi.us>
Sent: Tuesday, June 18, 2024 11:52 AM
To: Denise Soldenski <dsoldenski@ci.lapeer.mi.us>
Subject: Boards & Comm

Hi Denise,

There are a couple of board members terms that are going to expire August 1, 2024, can you find out if they want to renew?

LHC

James Mikus	August 1, 2024	5 year term
-------------	----------------	-------------

LNI

James Mikus	August 1, 2024	2 year term
-------------	----------------	-------------

Brad Chayka	August 1, 2024	2 year term
-------------	----------------	-------------

Let me know. Thaks,

Romona

Romona Sanchez

City Clerk

576 Liberty Park, Lapeer, MI 48446

810 – 245 – 4218

<https://www.ci.lapeer.mi.us/>

From: [Denise Soldenski](#)
To: [Romona Sanchez](#)
Subject: FW: FW: Boards & Comm
Date: Tuesday, June 18, 2024 1:59:02 PM
Attachments: [image001.png](#)
[image003.png](#)
[image003.png](#)

Mr. Chayka would like to renew. Thank you!

From: Brad Chayka <bradchayka@gmail.com>
Sent: Tuesday, June 18, 2024 1:53 PM
To: Denise Soldenski <dsoldenski@ci.lapeer.mi.us>
Subject: Re: FW: Boards & Comm

Yes, I would be happy to.

On Tue, Jun 18, 2024, 12:01 PM Denise Soldenski <dsoldenski@ci.lapeer.mi.us> wrote:

Hello Brad,
I hope all is well on your end! I'm reaching out to see if you are interested in renewing your board term for LNI (Lapeer Neighborhoods, Inc)? The current term expires this August because you took on the remainder of the former board member's term. LNI would be another 2 yr term – until Aug. 1st, 2026.

I VERY much appreciate you and hope that you would like to renew!! Please let me know and I will forward back to Romona. Thanks so much!

From: Romona Sanchez <rsanchez@ci.lapeer.mi.us>
Sent: Tuesday, June 18, 2024 11:52 AM
To: Denise Soldenski <dsoldenski@ci.lapeer.mi.us>
Subject: Boards & Comm

Hi Denise,

There are a couple of board members terms that are going to expire August 1, 2024, can you find out if they want to renew?

LHC

James Mikus	August 1, 2024	5 year term
-------------	----------------	-------------

LNI

James Mikus	August 1, 2024	2 year term
Brad Chayka	August 1, 2024	2 year term

Let me know. Thaks,

Romona

Romona Sanchez

City Clerk

576 Liberty Park, Lapeer, MI 48446

810 – 245 – 4218

<https://www.ci.lapeer.mi.us/>

From: [Jennell RaCosta](#)
To: [Kim Hodge](#)
Cc: [Romona Sanchez](#)
Subject: RE: Planning Commission Re-Appointment
Date: Wednesday, June 19, 2024 10:53:37 AM
Attachments: [image002.png](#)
[image004.png](#)
[image005.png](#)
[image001.png](#)



IRONSCALES couldn't recognize this email as this is the first time you received an email from this sender jracosta@cbptitle.com

Yes, I would like to be reappointed. Thank you!

Thank you,

Jennell RaCosta

Office Manager
(Title Producer License # MI 0679667)

CBP Title Company

1122 S. Lapeer Rd. Suite D

Lapeer, MI 48446

(Title Resident Agency License # MI 20566179)
jracosta@cbptitle.com

C: (810) 656-1198

Click link below for sending an Earnest Money Deposit

[https://link.zixcentral.com/u/1a3ad227/VtpeS9JA7RGmezEFh3soMg?
u=https%3A%2F%2Fcislotitle.paymints.io](https://link.zixcentral.com/u/1a3ad227/VtpeS9JA7RGmezEFh3soMg?u=https%3A%2F%2Fcislotitle.paymints.io)

OR Use the Cislo Title Earnest Money QR Code



***We require wired funds for **all amounts greater than \$25,000.00 AND/OR all CASH SALE TRANSACTIONS.** Please have your customer contact this office to get our wire instructions.

CBP Title will be CLOSED July 4th & 5th. Wishing you a Happy 4th of July!

From: Kim Hodge <KHodge@ci.lapeer.mi.us>
Sent: Tuesday, June 18, 2024 4:20 PM
To: Jennell RaCosta <jracosta@cbptitle.com>
Cc: Romona Sanchez <rsanchez@ci.lapeer.mi.us>
Subject: Planning Commission Re-Appointment

Jennell – The City Clerk has notified me your current term to serve on the Planning Commission will expire as of August 1, 2024.

Please let me know if you wish to be reappointed.

Thanks.



Kim Hodge

Office Coordinator

Planning Department

576 Liberty Park, Lapeer, MI 48446

810-664-4553 / khodge@ci.lapeer.mi.us

[https://link.edgepilot.com/s/dfe26233/wh-UC9s9aEWYLVHESSoqqQ?
u=https://www.ci.lapeer.mi.us/](https://link.edgepilot.com/s/dfe26233/wh-UC9s9aEWYLVHESSoqqQ?u=https://www.ci.lapeer.mi.us/)

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**WE DO NOT ACCEPT OR REQUEST CHANGES TO WIRING INSTRUCTIONS VIA
EMAIL OR FAX. ALWAYS CALL TO VERIFY**

**To protect you from wire fraud, Our Company only uses a secure portal powered by
Closinglock for communicating wire transfer instructions to you.**

**OUR COMPANY WILL NOT USE EMAILS OR EMAIL ATTACHMENTS TO
DELIVER OUR WIRING INSTRUCTIONS TO YOU.**

**Do not trust wire transfer information from any other source, including any emails or
phone calls that instruct you to wire funds.**



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Downtown Development Authority

June 19, 2024

“The only way to counteract civic apathy is to cultivate civic pride.” – Jeff Siegler, Revitalize, or Die.

The above quote is one that I think about often. It’s one that resonates with me, and something that I ask myself regularly. Am I being an advocate for the downtown?

I think as a Main Street organization and as a DDA that represents our community we need to be mindful of how we present ourselves at all times publicly, especially on social media. As a board member, I believe you need to be mindful of this as well. Before you post anything online, whether it’s your business page or your personal page, ask yourself...How does my comment reflect on our community? How does it reflect on the Lapeer Main Street DDA? How does it reflect on my business? How does this impact other businesses within the downtown and The City of Lapeer?

Are we celebrating successes or are we highlighting negative experiences and opinions that only reduce pride in our community and increase apathy?

Lapeer Main Street DDA.

- *Michigan Main Street Program/Michigan Downtown Association*
 - Michigan Main Street
 1. National Accreditation – It’s time to work on our annual self-evaluation for National Accreditation for the Lapeer Main Street DDA. This is an annual evaluation that we must complete and work on together as a board. Most of you will recall going through this process for the last two years. You might also remember that the last two years were practice rounds. That is no longer the case. This year’s evaluation of the new standards for Main Street will count and we will be evaluated by National. The reports are due August 30th, 2024. We will work on 2 sections each month so that we complete the report by the end of August.
 2. The Lapeer Main Street DDA was one of 10 Michigan communities that received a Visitor Profile and Event Analysis. This report was provided by Main Street America and Paid for by Michigan Main Street. The report is a snapshot of the visitors that came to Lapeer in 2023. This is a great resource that I believe we will be able to utilize to demonstrate the impact of The Lapeer Main Street DDA, provide great insight to existing businesses, and utilize for business recruitment, promotion of the downtown, and fundraising and sponsorship efforts for the downtown.
 3. Lapeer hosted the MEDC’s small business team on June 14th for their annual staff meeting. 24 attendees from the MEDC visited Lapeer, held their meeting at The PIX Theatre and then toured the downtown, visited sites that have received MEDC support, and also learned about upcoming projects in the downtown. They were joined by myself and City Manager Womack.

4. Phil Eich will be in Lapeer on Thursday, June 20th to collect stories for our Storyville Blitz for our 2024 Service through Michigan Main Street. We will be doing stories and photos for 15 downtown businesses. My hope is to continue learning from Phil's process so that I can continue doing storytelling for other businesses downtown.
5. Upcoming Michigan Main Street Dates to be aware of:
 1. September 23 – 24 – MMS Fall Workshop – Cheboygan
- Connecting Entrepreneurial Communities:
 1. CEC 2025 will take place in Lapeer on May 29 & 30, 2025
 2. Following the conference in Cadillac the Lapeer team will start taking part in monthly meetings to plan for the conference next year. These monthly meetings will begin in September with members of MSU-Extensions CEC team.

Business Development - Economic Vitality

- Business Recruitment/Retention and Support
 - The Business Development Committee met on June 16th and reviewed the Visitor Data report from Michigan Main Street. The committee discussed different ways that the data could be used and also talked about options for how to continue data collection so that we could show year after year changes to visitors in Lapeer.
 - The committee will meet again on July 17.
 - Current Empty storefronts and available properties include:
 1. 380 N. Saginaw (next to C&D collision)
 2. 368 Jefferson St. – Forever Friends Network/Perkins Flowers
 3. 18 E. Nepessing St. – City Owned property – Empty, not currently for sale
 4. 350 N. Court Street – 2nd/3rd Floor office space available
 5. 44 W. Park Street – Calvelli's For Sale (Including Liquor License)
 6. 606 N. Saginaw Street – multiple units
 7. 10 E. Nepessing St. – Previously Flannagan's
 8. 114 Park Street – Located next to the Chamber and Holiday Depot
 9. 324 W. Nepessing Street – Under new ownership
 - New Business Opening:
 1. 240 W. Nepessing Street. – KC Insurance
 2. 477 W. Nepessing St – Cummings Chiropractic Office
 - New Businesses Open
 1. 328 W. Nepessing St. – Cherry's Market

Placemaking - Design:

- The placemaking committee will meet on June 18 and talked about possible updates to Parking Lot 9, the lot to the north of Nepessing Street and also possible changes to Park Street.
- The Committee was also updated on items from our 2024/2025 Goals and Priorities list, including a downtown speaker system, updates to the sign assistance grant, and Historic Preservation.
- I've ordered 5 more banner brackets that will be installed on the street lights along Cedar Street between Rogers Pharmacy and Lapeer Team Work.
- The second half of June and early July I will be working with volunteers to continue the painted border for the Historic Lapeer Social District. This border will extend down to Saginaw Street.

Outreach – Organization & Promo and Marketing:

- The Outreach committee did not meet in June. It will be important that the committee begins meeting in July on a regular basis so that we can bring together fundraising efforts, volunteer and donor recognition and also work on sharing the information and resources that we've received through Michigan Main Street. This includes our asset mapping, our Visitor data, and our upcoming stories done by Phil Eich.
- DDA Online (social media, Website)
 - Social Media:
 - Facebook
 - Followers = 7053 followers on Facebook
 - Reach = 15486
 - 20 New Page Likes in the last 28 days
 - 23 New Followers in the last 28 days
 - Demographics = 80% Women 20% Men
 - Instagram
 - Followers = 1105
 - Reach = 395 in the last 28 days

Special Events:

- Per our Visitor Data Report which uses numbers from 2023:
 - Our July 10 Lapeer Car Cruise / Food Truck Festival attracted 3038 visitors with the average visitor spending at least 1 hour downtown.
 - If we look at every Monday of July 2023, from the visitor report we can tell that we had over 18,000 visitors to downtown Lapeer .
- Upcoming Special Events
 1. Monday Night Car Cruise – May 6 - September 10
 2. Ladies Night Out – Spring – May 17
 3. Summer Concert Series – Thursdays June 6 – Aug 8
 4. Porch Fest – July 20
 5. Michigan Downtown Day – September 28
 6. Haunted Lapeer Ghost Tours – Oct. 4 & 5
 7. Treat Walk – October 26
 8. Ladies Night Out – Fall – November 15
 9. WinterFest – December 6 & 7

Sponsorships:

- We've received new sponsorships from:
 - Essential Necessities and The Rock Shop – Gold Level
 - Avery's Automotive – Gold Level
 - Jay's Septic – Diamond Level,
 - Kin Thai – Gold Level
 - Milnes Automotive – Platinum
 - State Farm – Pat Cronin – Friend
 - Security Credit Union – Platinum
- I've met with representatives from Comcast to discuss ways to partner with them, including sponsorship support of Historic Downtown Lapeer events and projects.

Administrative:

- *Staff:* No New updates at this time

James Alt
Lapeer DDA Executive Director,
810-728-6598
james@lapeerdda.com



ITEM K-2

To: Mike Womack, City Manager
From: Jeff Graham, Director of Public Works
Date: June 24, 2024
RE: Consumers Confidence Report

STAFF RECOMMENDATION

Attached is a copy of the 2023 Consumers Confidence Report. This document is required to be published each year in order to provide information to consumers in regard to the City of Lapeer drinking water quality. The report includes information on our system and infrastructure facts. This report also includes a snapshot of the Great Lakes Water Authority (GLWA) process to produce drinking water and information on Great Lakes Water Authority. Most of the data provided in this report is mandated by Michigan Department of Environment, Great Lakes, and Energy (EGLE).

CURRENT OR NEW INFORMATION

This report is scheduled to be published in The County Press on June 26, 2024. It will be posted on the City's web page and hand delivered to public places, private and public schools, and Lapeer County Health Department. If you have any questions or concerns, please feel free to contact me.

BACKGROUND OR PREVIOUSLY SUBMITTED INFORMATION

This report provides water testing results for the City of Lapeer and GLWA. Additional information has been included in this report on water conservation, cross-connection and lead service line replacement to provide our customers with a better understanding of these three topics and how they affect all water users.

A summary of what you find in the CCR is as follows:

- Sampling
- Lead and Copper Testing
- Chlorine residual
- Source Water Assessment, Lake Huron
- Sodium
- Health effects language
- Water test results
- Cross-connection
- Water conservation
- Great Lakes Water Authority information
- City of Lapeer information

AGENDA ITEM REVIEW

Meeting Date:	July 1, 2024	Date Reviewed:	June 25, 2024
Consent:			
Administrative:		Reviewed By:	R. Sanchez, City Clerk
Public Hearing:			



City of Lapeer

2023 Consumers Confidence Water Quality Annual Report

Attention: This is an Important Report on Water Quality and Safety

This information is an overview of the quality of water that the City of Lapeer provided to you in 2023. This report will show you the source of our water; list water test results; and it also contains important information about water and health.

About Our System

The City of Lapeer water system consists of approximately 369,600 linear feet of water main (70 miles), 1,306 gate valves, 792 fire hydrants and four (4) back-up wells. Water main size throughout the city varies from 4" to 20". The wells provide a back-up water supply in the event the Great Lakes Water Authority System (GLWA) fails. Our wells are capable of producing 4 million gallons a day, and on average the city uses 1.2 million gallons per day.

The Water Division has a wide range of duties that are necessary for providing continuous service and safe drinking water. Our goal along with GLWA is to ensure safe drinking water and provide the highest quality of service to our customers. The City of Lapeer Water Department consists of a determined group of individuals who are vigilant in improving methods and procedures to meet new challenges in maintaining a safe drinking water system.

The water we receive is surface water from Lake Huron. Great Lakes Water Authority (GLWA) water plant is located five miles north of Port Huron. Water for treatment at the Lake Huron plant arrives via a deep tunnel with an intake located 5 miles out in Lake Huron – at a depth of 45'.

January 1, 2016 was the official date in which the City of Detroit no longer controlled the regional potable water supply. The process of restructuring and converting assets from Detroit Water to the newly formed Great Lakes Water Authority (GLWA) took several years. The Great Lakes Water Authority is an independent entity in that the authority's operations are administered through a director who works with a board in providing this region with safe drinking water. The board is made up of representatives from communities that purchase water from GLWA. These representatives hold their seat for a four-year term. As a result of this process the City of Detroit is now a customer of GLWA vs. being the owner and operator. In that this report represents water information pertaining to 2004 in which Detroit Water is identified as the water provider for the City of Lapeer within that time period. For additional information on Great Lakes Water Authority please visit their web page at www.glwater.org.

In the event that concern over water quality develops, the city will notify you immediately through cable, radio, television, and newspapers.

GLWA - How Do We Know Water is Safe to Drink?

GLWA treatment facilities operate 24 hours a day, seven days a week. The treatment process begins with disinfecting the source water with chlorine to kill harmful microorganisms that can cause illness. Next, a chemical called Alum is mixed with the water to remove the fine particles that make the water cloudy or turbid. Alum causes the particles to clump together and settle to the bottom. Fluoride is also added to protect our teeth

from cavities and decay. The water then flows through fine sand filters called beds. These filters remove even more particles and certain microorganisms that are resistant to chlorine. Finally, a small amount of phosphoric acid and chlorine are added to the treated water just before it leaves the treatment plant. The phosphoric acid helps control the lead that may dissolve in water from household plumbing systems. The chlorine keeps the water disinfected as it travels through water mains to reach your home.

Drinking water quality is important to our community and the region. The City of Lapeer and the Great Lakes Water Authority (GLWA) are committed to meeting state and federal water quality standards including the Lead and Copper Rule. With the Great Lakes as our water source and proven treatment technologies, the GLWA consistently delivers safe drinking water to our community. City of Lapeer operates the system of water mains that carry this water to your home's service line. This year's Water Quality Report highlights the performance of GLWA and City of Lapeer water professionals in delivering some of the nation's best drinking water. Together, we remain committed to protecting public health and maintaining open communication with the public about our drinking water.

GLWA not only meets safety and health standards, but also ranks among the top 10 in the country for water quality and value.

Source water protection Lake Huron intake; for communities receiving water from the Lake Huron Plant:

Your source of water comes from the lower Lake Huron watershed. The watershed includes numerous short, seasonal streams that drain to Lake Huron. The Michigan Department of Environmental Quality in partnership with the U.S. Geological Survey, the Detroit Water and Sewerage Department, and the Michigan Public Health Institute performed a source water assessment in 2004 to determine the susceptibility of potential contamination. The susceptibility rating is on a seven-tiered scale ranging from "very low" to "very high" based primarily on geologic sensitivity, water chemistry, and contamination sources. The Lake Huron source water intake is categorized as having a moderately low susceptibility to potential contaminant sources. The Lake Huron water treatment plant has historically provided satisfactory treatment of this source water to meet drinking water standards.

GLWA has initiated source-water protection activities that include chemical containment, spill response, and a mercury reduction program. GLWA participates in the National Pollutant Discharge Elimination System permit discharge program and has an emergency response management plan. GLWA has a Surface Water Intake Protection Plan for the Lake Huron water intake. The plan has seven elements: roles and duties of government units and water supply agencies, delineation of source water protection areas, identification of potential sources of contamination, management approaches for protection, contingency plans, siting of new water sources, public participation, and public education activities. If you would like to know more information about the Source Water Assessment Report, please contact GLWA at **(313) 926-8127**.

If you have questions regarding this source water or a complete copy of this report, please contact the City of Lapeer (810) 664-4711.

Additional Information

In order to ensure that tap water is safe to drink, EPA prescribes regulations, which limit the amount of certain contaminants in water provided by public water systems. The Food and Drug administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity.

Contaminants that may be present in source water include:

- *Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife.*
- *Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming.*
- *Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses.*
- *Organic chemical contaminants, including synthetic and volatile organics, which are by-products of industrial processes and petroleum production and can also, come from gas stations, urban storm water runoff and septic systems.*
- *Radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities.*

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at **(800) 426-4791**.

Warning about the vulnerability of some populations to contaminants in drinking water:

"Some people may be more vulnerable to contaminants in drinking water than is the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by *Cryptosporidium* and other microbial contaminants are available from the Safe Drinking Water Hotline at **(800) 426-4791**.

Infants and children who drink water containing lead could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your homes plumbing. If you are concerned about elevated levels of lead in your home's water, you may wish to have your water tested and flush your tap for 30 seconds to 2 minutes before using tap water. Additional information is available from the Safe Drinking Water Hotline at **(800) 426-4791** or at <http://www.epa.gov/safewater/lead>.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with lead service lines, corrosion of household plumbing including fittings and fixtures or erosion of natural deposits. The City of Lapeer is responsible for providing high quality drinking water but cannot control the variety of materials used in plumbing components. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your homes plumbing. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you have a service line that is lead, galvanized previously connected to lead, or unknown but likely to contain lead, it is recommended that you run your water for at least 5 minutes to flush water from both your plumbing and the lead service line. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at (800) 426-4791 or at <http://www.epa.gov/safewater/lead>. Safe drinking water is a shared responsibility. The water that GLWA delivers to our community does not contain lead. Lead can leach into drinking water through home plumbing fixtures, and in some cases, customer service lines. Corrosion control reduces the risk of lead and copper from

leaching into your water. Orthophosphates are added during the treatment process as a corrosion control method to create a protective coating in service pipes throughout the system, including in your home or business. The City of Lapeer performs required lead and copper sampling and testing in our community following the Department of Environmental Quality sampling procedure and sample periods. Water consumers also have a responsibility to maintain the plumbing in their homes and businesses and can take steps to limit their exposure to lead.

In 2018, the Michigan Safe Drinking Water Act's Lead and Copper Rule was changed to better protect your health. New water sampling rules have been added to better detect possible lead in your drinking water. These changes require communities with lead service lines to do more sampling. This new sampling method was expected to result in higher lead results, not because the water source or quality for residents has changed, but because the act has more stringent sampling procedures and analysis.

The City of Lapeer has been conducting testing of tap water in homes with lead service lines for lead and copper in accordance with this Act since 1992.

In 2019 the City of Lapeer started surveying homes and business to identify material used for water services lines. In December 2022, the City of Lapeer completed surveying and identified all lead and galvanized service lines and found a total of 79 lead services and 81 galvanized services. The city has applied for and is receiving a DWRP Grant for replacement of all lead and galvanized service lines of which replacements began on March 20, 2023.

As of May 22, 2024, the city has replaced all lead and galvanized service lines.

Additional Lead and Copper information can be found at www.ci.lapeer.mi.us and www.glwater.com

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Lapeer Did Not Meet Treatment Requirements

Our water system recently violated a drinking water standard. Although this situation does not require that you take immediate action, as our customers, you have a right to know what happened, what you should do, and what we are doing to correct this situation.

We purchase water from the Great Lakes Water Authority (GLWA) that is treated to control corrosion and minimize lead and copper in the pipes from dissolving into the water. To ensure we are maintaining optimal corrosion control, we routinely sample the water in the distribution system for water quality parameters such as pH and orthophosphate. We are required to maintain these parameters above the state-designated minimums. We did not maintain these parameters within the set ranges for more than nine days during the January to June 2023 monitoring period.

What should I do?

You do not need to boil your water or take other corrective actions. However, if you have specific health concerns, consult your doctor.

What does this mean?

This situation does not require that you take immediate action. If it had, you would have been notified immediately. This is a treatment violation, but it does not mean there is lead or copper in your drinking water. The most recent monitoring indicates that lead and copper levels were below the action levels at least 90 percent of residential drinking water taps sampled. However, it is important that everyone takes measures to control lead and copper levels in the water because ingesting lead or copper can cause serious health consequences.

Lead: Infants and children who drink water containing lead could experience delays in their physical or mental development. Children could show slight deficits in attention span and learning abilities. Adults who drink this water over many years could develop kidney problems or high blood pressure.

Copper: Copper is an essential nutrient, but some people who drink water containing copper in excess of the action level over a relatively short amount of time could experience gastrointestinal distress. Some people who drink water containing copper in excess of the action level over many years could suffer liver or kidney damage. People with Wilson's disease should consult their personal doctor.

What happened? What is being done?

The Michigan Department of Environment, Great Lakes, and Energy set ranges for our water quality parameters on June 15, 2022. After these ranges were designated, we collected samples in the distribution system on April 3, 2023, that tested at 6.7-6.9 for PH those tests were below the required minimum value of 7 for PH. Ten excursion days were accumulated in the distribution between the dates of April 3rd and April 12th, 2023. Due to improper calibration of PH probe since this time period, samples in the distribution system have been collected and analyzed and those results show that the water quality was back to normal. During this event all other water quality parameters were in compliance. We are working on operational techniques and on following up with all water quality parameter results timely to prevent this from happening again.

For more information, please contact Jeff Graham, jgraham@ci.lapeer.mi.us, 810-664-4711, or 217 Bentley Steet, Lapeer, Michigan 48446.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER***Monitoring Requirements Not Met for City of Lapeer***

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During July 1 to December 31, 2023, we did not monitor correctly for lead and copper, due to EGLE disqualifying 8 of those samples, and therefore cannot be sure of the quality of our drinking water during that time.

What should I do? There is nothing you need to do at this time. This is not an emergency. You do not need to boil water or use an alternative source of water at this time. Even though this is not an emergency, as our customers, you have a right to know what happened and what we are doing to correct the situation.

The table below lists the contaminants we did not properly test for, how often we are supposed to sample for these contaminants, how many samples we are supposed to take, how many samples we took, when samples should have been taken, and the date we will collect follow-up samples.

Contaminants	Required sampling frequency	Number of sites sampled	When samples should have been collected	Date additional samples will be collected
Lead and Copper	40 sites to be sampled every 6 months	40 taken 32 counted due to tier classification change	July 1, 2023, to December 31, 2023	January 1, 2024, to June 30, 2024

What happened? What is being done? The city took 40 samples that were required on our sampling plan within this required sampling period. Due to the city replacing the lead service lines 8 of these samples fell into a different tier so EGLE disqualified 8 of those samples, putting the city in monitoring violation. We are making every effort to ensure this does not happen again. **Health effects are listed on (page 3) under warning about vulnerability of some populations to contaminants in drinking water.**

For more information, please contact Jeff Graham, DPW Director, at 810-664-4711

Key to the Detected Contaminants Table

Symbol	Abbreviation	Definition/Explanation
>	<i>Greater than</i>	
°C	<i>Celsius</i>	<i>A scale of temperature in which water freezes at 0° and boils at 100° under standard conditions.</i>
AL	<i>Action Level</i>	<i>The concentration of a contaminant, which, if exceeded, triggers treatment or other requirements which a water system must follow.</i>
HAA5	<i>Haloacetic Acids</i>	<i>HAA5 is the total of bromoacetic, chloroacetic, Dibromoacetic, dichloroacetic, and trichloroacetic acids. Compliance is based on the total.</i>
Level 1	<i>Level 1 Assessment</i>	<i>A Level 1 assessment is a study of the water system to identify potential problems and determine (if possible) why total coliform bacteria have been found in the water system.</i>
Level 2	<i>Level 2 Assessment</i>	<i>A Level 2 assessment is a very detailed study of the water system to identify potential problems and determine (if possible) why an E. coli MCL violation occurred and/or why total coliform bacteria have been found in our water system on multiple occasions.</i>
LRAA	<i>Locational Running Annual Average</i>	<i>The average of analytical results for samples at a particular monitoring location during the previous four quarters.</i>
MCL	<i>Maximum Contaminant Level</i>	<i>The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.</i>
MCLG	<i>Maximum Contaminant Level Goal</i>	<i>The level of contaminant in drinking water below which there is no known or expected risk to health.</i>
MRDL	<i>Maximum Residual Disinfectant Level</i>	<i>The highest level of disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.</i>
MRDLG	<i>Maximum Residual Disinfectant Level Goal</i>	<i>The level of a drinking water disinfectant below which there is no known or expected risk to health. MRLDG's do not reflect the benefits of the use of disinfectants to control microbial contaminants.</i>
n/a	<i>not applicable</i>	
ND	<i>Not Detected</i>	
NTU	<i>Nephelometric Turbidity Units</i>	<i>Measures the cloudiness of water.</i>
pCi/L	<i>Picocuries Per Liter</i>	<i>A measure of radioactivity</i>
ppb	<i>Parts Per Billion (one in one billion)</i>	<i>The ppb is equivalent to micrograms per liter. A microgram = 1/1000 milligram.</i>
ppm	<i>Parts Per Million (one in one million)</i>	<i>The ppm is equivalent to milligrams per liter. A milligram = 1/1000 gram.</i>
RAA	<i>Running Annual Average</i>	<i>The average of analytical results for all samples during the previous four quarters.</i>
SMCL	<i>Secondary Maximum Contaminant Level</i>	<i>An MCL which involves a biological, chemical or physical characteristic of water that may adversely affect the taste, odor, color or appearance (aesthetics), which may thereby affect public confidence or acceptance of the drinking water.</i>
TT	<i>Treatment Technique</i>	<i>A required process intended to reduce the level of a contaminant in drinking water.</i>
TTHM	<i>Total Trihalomethanes</i>	<i>Total Trihalomethanes is the sum of chloroform, bromodichloromethane, dibromochloromethane and bromoform. Compliance is based on the total.</i>
µohms	<i>Microohms</i>	<i>Measure of electrical conductance of water</i>

The table on this page is a key to the terms used in the tables shown on the next pages.
Great Lakes Water Authority and City of Lapeer Distribution Systems

Lake Huron Water Treatment Plant and City of Lapeer 2023 Regulated Detected Contaminants Tables

Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest Level Detected	Range of Detection	Violation yes/no	Major Sources in Drinking Water
GLWA - Inorganic Chemicals – Annual Monitoring at the Plant Finished Water Tap								
Fluoride	4-11-23	ppm	4	4	0.70	n/a	no	Erosion of natural deposits; Water additive, which promotes strong teeth; Discharge from fertilizer and aluminum factories.
Nitrate	4-11-23	ppm	10	10	0.38	n/a	no	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits.
Barium	5/16/17	ppm	2	2	0.01	n/a	no	Discharge of drilling wastes; Discharge from metal refineries; Erosion of natural deposits.
City of Lapeer - Disinfection By-Products – Monitoring in Distribution System Stage 2 Disinfection By-Products								
Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Highest LRAA	Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Trihalomethanes (TTHM)	2023	ppb	Ug/l	80	68	19-68	No	By-product of drinking water chlorination
Haloacetic Acids Five (HAA5)	2023	ppb	Ug/l	60	22	9.4-22	No	By-product of drinking water disinfection
2023 GLWA Disinfectant Residual - Monitoring in Distribution System by Treatment Plant								
Regulated Contaminant	Test Date	Unit	Health Goal MRDGL	Allowed Level MRDL	Highest RAA	Quarterly Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Chlorine Residual	2023	Ppm	4	4	0.76	0.68-0.84	no	Water additive used to control microbes
Regulated Contaminant	Treatment Technique							Typical Source of Contaminant
Total Organic Carbon (ppm)	The Total Organic Carbon (TOC) removal ratio is calculated as the ratio between the actual TOC removal and the TOC removal requirements. The TOC was measured each month and because the level was low, there is no requirement for TOC removal.							Erosion of natural deposits

City of Lapeer - Lead and Copper Monitoring at Customers' Tap in 2023								
Regulated Contaminant	Year Sampled	Unit	Health Goal MCLG	Action Level AL	90 th Percentile Value*	Range of Individual Samples Results	Number of Samples Over AL	Major Sources in Drinking Water
Lead	2023	ppb	0	15	6	0 ppb-9 ppb	0	Lead service lines, corrosion of household plumbing including fittings and fixtures; Erosion of natural deposits.
Copper	2023	ppm	1.3	1.3	0.24	0.0 ppm-0.45	0	Corrosion of household plumbing system; Erosion of natural deposits; Leaching from wood preservatives.
*The 90th percentile value means 90 percent of the homes tested have lead and copper levels below the given 90th percentile value. If the 90th percentile value is above the AL additional requirements must be met.								

Radionuclides – Monitored at the Plant Finished Tap in 2014							
GLWA-Regulated Contaminant	Test Date	Unit	Health Goal MCLG	Allowed Level MCL	Level Detected	Violation yes/no	Major Sources in Drinking Water
Combined Radium Radium 226 and 228	5/13/2014	pCi/L	0	5	0.86 + or - 0.55	no	Erosion of natural deposits

2023 Special Monitoring						
GLWA - Contaminant	Test Date	Unit	MCLG	MCL	Level Detected	Source of Contamination
Sodium (ppm)	4-11-23	ppm	n/a	n/a	4.8	Erosion of natural deposits

2023 Turbidity – Monitored every 4 hours at Plant Finished Water Tap-GLWA			
Highest Single Measurement Cannot exceed 1 NTU	Lowest Monthly % of Samples Meeting Turbidity Limit of 0.3 NTU (minimum 95%)	Violation yes/no	Major Sources in Drinking Water
.14 NTU	100%	no	Soil Runoff
Turbidity is a measure of the cloudiness of water. We monitor it because it is a good indicator of the effectiveness of our filtration system. It has no health effects however turbidity can interfere with disinfection and provide a medium for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses, and parasites that can cause symptoms such as nausea, cramps, diarrhea and associated headaches.			

City of Lapeer – Microbiological Contaminants – Monthly Monitoring in Distribution System									
Regulated Contaminant	MCL	MCLG	Level Detected	Range	Violation yes/no	Major Sources in Drinking Water			
Total Coliform (total number or % of positive samples//Month)	TT	0	0	N/A	No	Naturally present in the environment.			
E.coli Bacteria	See E.coli Note (2) below	0	0	N/A	No	Human waste and animal fecal waste.			
Fecal indicator-E.coli at the source (positive samples)	TT	0	0	N/A	No	Human waste and animal fecal waste			
City of Lapeer - Disinfectant Residuals Monitoring in Distribution System by Treatment Plant									
Regulated Contaminant	Test Date		Unit	Health Goal MRDGL	Allowed Level MRDL	Highest RAA	Quarterly Range of Detection	Violation yes/no	Major Sources in Drinking Water
Total Chlorine Residual	2023		ppm	4	4	1.34	.62 - 1.22	no	Water additive used to control microbes

Note 2) E.coli MCL violation occurs if: (1) routine and repeat samples are total coliform-positive and either is E.coli-positive, or (2) the supply fails to take all required repeat samples following E.coli-positive routine samples, or (3) the supply fails to analyze total coliform-positive sample for E.coli.

Regulated Contaminant	Treatment Technique	Typical Source of Contaminant
Total Organic Carbon (ppm)	The Total Organic Carbon (TOC) removal ratio is calculated as the ratio between the actual TOC removal and the TOC removal requirements. The TOC was measured each quarter and because the level was low, there is no TOC removal requirement	Erosion of natural deposits

2023 Lake Huron Tap Water Mineral Analysis

Parameter	Units	Max.	Min.	Avg.
Turbidity	NTU	0.09	0.05	0.07
Total Solids	ppm	146	61	122
Total Dissolved Solids	ppm	153	103	123
Aluminum	ppm	0.071	0.018	0.042
Iron	ppm	0.4	0.2	0.3
Copper	ppm	0.001	ND	ND
Magnesium	ppm	7.9	7.0	7.7
Calcium	ppm	27.2	25.0	25.9
Sodium	ppm	5.5	4.5	4.9
Potassium	ppm	1.1	0.9	1.0
Manganese	ppm	ND	ND	ND
Lead	ppm	ND	ND	ND
Zinc	ppm	0.008	ND	0.002
Silica	ppm	2.5	2.0	2.2
Sulfate	ppm	21.0	17.9	19.2
Chloride	Ppm	10.0	8.5	9.3

Parameter	Units	Max.	Min.	Avg.
Phosphorus	ppm	0.56	0.40	0.45
Free Carbon Dioxide	ppm	8.4	4.4	6.2
Total Hardness	ppm	140	96	113
Total Alkalinity	ppm	92	74	81
Carbonate Alkalinity	ppm	ND	ND	ND
Bi-Carbonate Alkalinity	ppm	92	74	81
Non-Carbonate Hardness	Ppm	58	16	31
Chemical Oxygen Demand	ppm	12.8	ND	4.7
Dissolved Oxygen	ppm	13.3	8.5	10.8
Nitrite Nitrogen	ppm	ND	ND	ND
Nitrate Nitrogen	ppm	0.55	0.33	0.38
Fluoride	Ppm	0.79	0.59	0.73
pH		7.56	7.34	7.43
Specific Conductance @ 25 °C.	µohms	210	166	197
Temperature	°C	23.7	2.7	15.1

- The State allows us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. All of the data is representative of water quality, but some are more than one year old.
- The State and EPA require us to test our water on a regular basis to ensure its safety. The EPA recommends reporting results from any voluntary monitoring that is above a proposed MCL or above a level of concern. The detected unregulated contaminants in the tables shown do not meet these criteria.

Water Conservation:

Everyone can play a role in water conservation. Water conservation not only protects the environment but may help reduce your utility bill. Water conservation is being aware of how you are using water and adding measures to reduce your water usage. Listed below are a few tips:

- Toilets are the most common cause for high water bills. It is an unseen and often unheard leak that goes down the sewer. To check a toilet for leaks, add food dye to the tank, wait 15 to 20 minutes without flushing. If the food coloring appears in the bowl, there is a leak. It is not uncommon to lose up to 100 gallons a day from an invisible toilet leak.
- Turn off your water when brushing your teeth. You lose between 4 to 6 gallons of water when you leave the water on while you brush.
- On average 5% of your water consumption is used in the kitchen. There are several things you can do to reduce this water usage such as; scrape dishes without using water and don't rinse them before putting them in a dishwasher; clean vegetables in a pan of water rather than under running tap water, then use that water to give your plants a drink; run the dishwasher only when it is full; and use the garbage disposal sparingly.
- Fix dripping faucets. A faucet that drips 60 times per minute can waste up to 3 gallons per day or 1,225 gallons each year.

- Additional information can be found on our web site at www.ci.lapeer.mi.us

Cross Connections:

What is a cross connection? A cross connection is a connection where non-drinking water or contaminants can enter the drinking water system through backflow or a back siphon. A back siphon can occur when pressure is reduced causing suction that pulls contaminants into the drinking water system. A main break is an example of what can cause a back siphon. Back pressure can take place when pressure inside a building becomes greater than the public water system pressure. Back pressure can be created by a fire suppression pump or other pressure creating equipment used in manufacturing. Back flow devices are required at specific locations as a safety precaution to assist in preventing back flow that is created by a back siphon or back pressure.

A cross connection can pose a serious health issue and are prohibited within a drinking water system. Cross-connection inspections are performed throughout the year to ensure a cross connection does not exist within a business or a residential sprinkler system and backflow devices are tested annually.

Outside water taps and garden hoses are the most common sources of cross-connection contaminations at home. A garden hose can create a hazard when left submerged in a bucket of dirty water or if laying on the ground it may be contaminated by fertilizers, cesspools, or garden chemicals.

We are committed to providing you safe, reliable, and healthy water. We are pleased to provide you with this information to keep you fully informed about your water. We will be updating this report annually and will also keep you informed of any problems that may occur throughout the year, as they happen. Copies are available at City Hall, the Department of Public Works and the County Health Department. This report will not be sent to you.

We welcome your comments and opinions about this report and will be happy to answer any questions you may have. Please direct your comments or questions to Jeff Graham - City of Lapeer, Water Department at (810) 664-4711.

Agradecemos sus comentarios y opiniones acerca de este informe y estaremos encantados de responder a cualquier pregunta que usted pueda tener. Por favor, dirija sus comentarios o preguntas a Jeff Graham - Ciudad de Lapeer, en el Departamento de Aguas (810) 664-4711.

CITY OF LAPEER, 576 LIBERTY PARK, LAPEER, LAPEER COUNTY, MICHIGAN 48446
2024 MEETING DATES

N-1

In accordance with the Open Meetings Act, MCL 15.261 et. Seq., notice is hereby given that every meeting of the City Council, Boards, Authorities and Commissions of the City of Lapeer shall be open to the public. Notice is further given that the following City Council, Boards, Authorities and Commissions are regular meeting dates for 2024. A public notice of each special or rescheduled meeting will be posted at least 18 hours prior to the time of the meeting.

<u>Board/Commission</u>	<u>Location</u>	<u>Time</u>	January	February	March	April	May	June	July	August	September	October	November	December
City Commission	Commission Chambers	6:30 P.M.	2, 16	5, 20	4, 18	1, 15	6, 20	3, 17	1, 15	5, 19	3, 16	7, 21	4, 18	2, 16
1 st & 3 rd Monday of each Month														
Cemetery Board	Mt. Hope Cemetery	2:00 P.M.	--	--	--	--	--	--	--	--	--	17	--	--
3 rd Thursday of Oct Building														
Downtown Development Authority	2 nd Floor Conference Room	8:00 A.M.	24	28	27	24	22	26	24	28	25	23	27	25
4 th Wednesday of each Month														
Economic Development Corp (EDC) & Tax Increment Finance Auth (TIFA)	2 nd Floor Conference Room	8:00 A.M.	10	14	13	10	8	12	10	14	11	9	13	11
2 nd Wednesday As needed														
Housing Commission	2 nd Floor	4:00 P.M.	18	15	21	18	16	20	18	15	19	17	21	19
3 rd Thursday of each Month	Conference Room													
Local Development Finance Authority (LDFA)	2 nd Floor Conference Room	8:00 A.M			5			4			3			3
1 st Tuesday March/June/Sept/ Dec as Needed														
Park Board			--	--	--	--	--	--	--	--	--	--	6	--
Planning Commission	Commission Chambers	6:30 P.M.	11	8	14	11	9	13	11	8	12	10	14	12
2 nd Thursday of each Month														
Zoning Board of Appeals	Commission Chambers	6:30 P.M.	22	26	25	22	27	24	22	26	23	28	25	23
4 th Monday of each Month														

Address of the above locations are as follows:

Commission Chambers: City Hall, 576 Liberty Park
Mt. Hope Cemetery: 1230 Park Street

Romona Sanchez, CMC
City Clerk

City of Lapeer
576 Liberty Park, Lapeer
Lapeer County, Michigan 48446 (810) 664-5231



MAT. TRANS.

To: City Commission
Date: June 26, 2024
RE: Material Transmittals

1. Lapeer County EMS – May 1, 2024 thru June 1, 2024.



CCAD - Monthly Incident Count By Agency for Lapeer
Summary By Department By Incident Type

For 05/01/2024 Thru 06/01/2024



For Cities: LAPEER CITY

Agency Code	Type Code	Num Of Incidents
1E - Lapeer County EMS	ALARMM - MEDICAL ALARM	5
	AMB - AMBULANCE CALL MEDICAL	123
	CITI ASSIST - ASSIST CITIZEN	1
	CO - CO INVESTIGATION	1
	DOS - DEATH ON SCENE	3
	PDA - PROPERTY DAMAGE ACCIDENT	1
	PIA - PERSONAL INJURY ACCIDENT	3
	PTTRANS - PATIENT TRANSFER MEDICAL	7
	STRUCTURE - STRUCTURE FIRE	2
	SUICIDAL - SUICIDAL PERSON	2
	TSTOP - TRAFFIC STOP	1
	UNACCL - UNKNOWN ACCIDENT	1
	WALK AWAY - WALK AWAY MENTAL FACILITY OR HOSP	1
	WELFAR - WELFARE CHECK	1
Total Incidents for 1E - Lapeer County Ems		152

Sum:

152

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CITY MANAGER
LAPEER, MI



Incident Count by Agency per Municipality
May 2024



	EMS calls	LCEMS	MEDSTAR	MARLETTE	LCEMS %
Almont Township	15	15	0	0	100.00%
Almont Village	25	25	0	0	100.00%
Arcadia Township	19	17	2	0	89.47%
Attica Township	52	45	7	0	86.54%
Burlington Townsip	2	2	0	0	100.00%
Burnside Township	15	0	0	15	0.00%
Clifford Village	3	0	0	3	0.00%
Columbiaville Village	11	11	0	0	100.00%
Deerfield Township	39	37	2	0	94.87%
Dryden Township	15	15	0	0	100.00%
Dryden Village	6	6	0	0	100.00%
Elba Township	29	28	1	0	96.55%
Goodland Township	6	5	0	1	83.33%
Hadley Township	14	13	1	0	92.86%
Imlay city	65	65	0	0	100.00%
Imlay Township	25	25	0	0	100.00%
Lapeer City *	376	152	224	0	40.43%
Lapeer Township	42	19	23	0	45.24%
Marathon Township	29	29	0	0	100.00%
Mayfield Township	84	57	27	0	67.86%
Metamora Township	26	26	0	0	100.00%
Metamora Village	1	1	0	0	100.00%
North Branch Township	11	11	0	0	100.00%
North Branch Village	10	10	0	0	100.00%
Oregon Township	24	24	0	0	100.00%
Otter Lake Village	3	3	0	0	100.00%
Rich Township (Mayville)	15	9	0	6	60.00%
					#DIV/0!
Totals	962	650	287	25	67.57%
Emergency Calls (less transfers)	783	643	115	Percentage of E-Call Lapeer County	82.12%
Lapeeer City transfers *	179	7	172		
Lapeer E-Calls *	197	145	52	Percentage of E-Call Lapeer City	73.60%

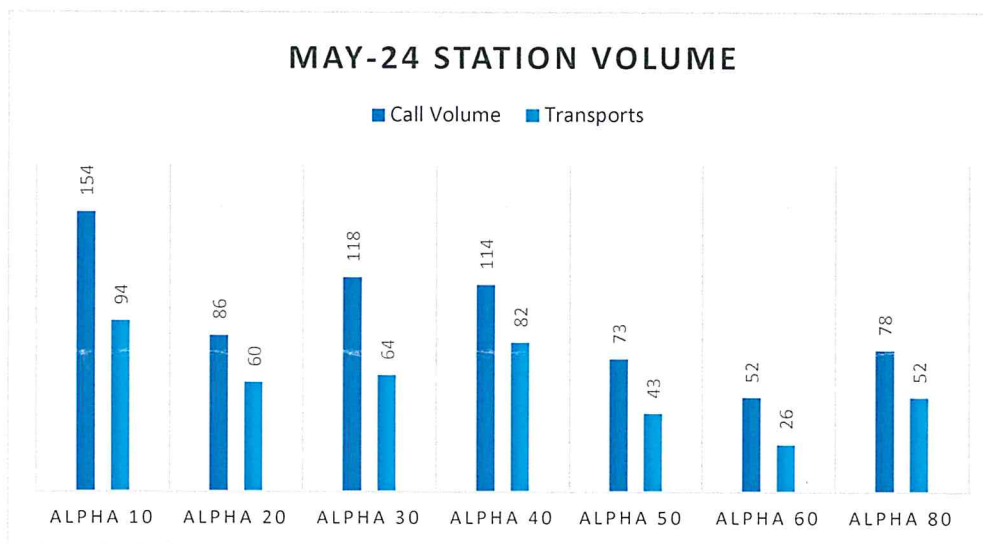
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CITY MANAGER
LAPEER, MI

Station	Call Volume	Transports	Transport % of Volume
Alpha 10	154	94	61.04%
Alpha 20	86	60	69.77%
Alpha 30	118	64	54.24%
Alpha 40	114	82	71.93%
Alpha 50	73	43	58.90%
Alpha 60	52	26	50.00%
Alpha 80	78	52	66.67%
Totals	675	421	
	Average Transport % per call		62.37%
Wheelchair Va	14		
TOTAL	689		

Lapeer County Incidents	650
Other Activity (transfers)	12
	662





Incident Count by Agency per Municipality



YTD Total 2024

	EMS calls	LCEMS	MEDSTAR	MARLETTE	LCEMS %
Almont Township	82	82	0	0	100.00%
Almont Village	110	110	0	0	100.00%
Arcadia Township	77	68	9	0	88.31%
Attica Township	164	151	13	0	92.07%
Burlington Township	26	22	0	4	84.62%
Burnside Township	70	15	3	52	21.43%
Clifford Village	15	0	0	15	0.00%
Columbiaville Village	49	45	4	0	91.84%
Deerfield Township	182	172	10	0	94.51%
Dryden Township	75	74	1	0	98.67%
Dryden Village	30	30	0	0	100.00%
Elba Township	159	155	4	0	97.48%
Goodland Township	59	41	6	12	69.49%
Hadley Township	75	74	1	0	98.67%
Imlay City	268	266	2	0	99.25%
Imlay Township	84	84	0	0	100.00%
Lapeer City *	1976	750	1226	0	37.96%
Lapeer Township	189	91	98	0	48.15%
Marathon Township	115	110	5	0	95.65%
Mayfield Township	485	264	221	0	54.43%
Metamora Township	140	140	0	0	100.00%
Metamora Village	6	6	0	0	100.00%
North Branch Township	74	70	1	3	94.59%
North Branch Village	46	45	1	0	97.83%
Oregon Township	125	119	6	0	95.20%
Otter Lake Village	9	9	0	0	100.00%
Rich Township(Mayville)	61	45	0	16	73.77%
				0	
Totals	4751	3038	1611	102	63.94%
Emergency Calls (less transfers)	3733	2986	645	Percentage of E-Call Lapeer County	79.99%
Lapeer City transfers *	1018	52	966		
Lapeer E-Calls *	958	698	260	Percentage of E-Call Lapeer City	72.86%
	EMS calls	LCEMS	MEDSTAR		LCEMS %

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JUN 24 2024

CITY MANAGER
LAPEER, MI

		Call Volume	Transports	Transport % of Volume
Lapeer City	Alpha 10	771	547	70.95%
North Branch	Alpha 20	403	285	70.72%
Imlay City	Alpha 30	498	280	56.22%
Elba	Alpha 40	496	377	76.01%
Mayfield	Alpha 50	373	222	59.52%
Metamora	Alpha 60	275	182	66.18%
Dryden	Alpha 80	357	246	68.91%
Totals		3173	2139	
		Average Transport % per call		67.41%
Wheelchair Van				
TOTAL				

2021 Station totals

