

MICHIGAN ECONOMIC
DEVELOPMENT CORPORATION

Community Development Block Grant

WATER-RELATED INFRASTRUCTURE

APPLICATION

For eligible activities administered by the Michigan Economic Development Corporation (MEDC)
on behalf of the Michigan Strategic Fund (MSF)

Revised 04/16/21

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Refer to the separate Instruction document when completing the Community Development Block Grant Infrastructure (CDBG) Application. The review of the proposed project will be based solely on the Unit of General Local Government's (UGLG's) responses and attachments. The MEDC will not seek clarifications. The numbered sections below coincide with the numbered sections in the Instructions.

1. UNIT OF GENERAL LOCAL GOVERNMENT (UGLG) IDENTIFICATION SUMMARY			
		FUNDING SOURCE TOTALS	
Unit of General Local Government (UGLG)	City Of Marine City	CDBG	\$ 917,108.10
Street/PO Box	303 S. Water	UGLG	\$ 101,900.90
City	Marine City	Other	\$ [REDACTED]
County	ST. Clair	Other	\$ [REDACTED]
State/Zip	48039	Other	\$ [REDACTED]
Chief Elected Official Name	Cheryl VerCammen	Other	\$ [REDACTED]
Chief Elected Official Title	Mayor	Total	\$ 1,019,009.00
Chief Elected Official Email	cvercammen@cityofmarinecity.org		
UGLG Project Contact (PC) Name	Michael Itrich	(Refer to Section 1(C) of the Instructions) UGLG's SAM# 5wc73	
UGLG PC Title	DPW Superintendent		
UGLG PC Address	303 S. Water Marine City Mi 48039	(Refer to Section 1(D) of the Instructions) UGLG's DUNS # 028279081	
UGLG PC Telephone Number	810-765-9711		
UGLG PC Fax Number	810-765- 1796	(Refer to Section 1(E) of the Instructions) UGLG's Federal Tax ID # 38-6004573	
UGLG PC E-Mail Address	mitrich@cityofmarinecity.org		
(Refer to Section 1(F) of the Instructions) UGLG's Fiscal Year End	June 30, 2021		

2. STATE GOVERNMENT REPRESENTATION			
Senator Name	Dan Luwers	Senate District	25
Representative Name	Gary Eison	House District	81

3. FEDERAL GOVERNMENT REPRESENTATION			
Representative Name	Lisa McClain	Congressional District	10

4. AUTHORIZATION UGLG OFFICIAL			
Signature and Date:			
Name and Title	Elaine Leven, City Manager	E-Mail Address	eleven@cityofmarinecity.org

5. ELIGIBILITY REQUIREMENTS

A. Check all eligibility requirements that apply (To qualify, all must be applicable):

- ☒ The UGLG is a community where 51% of the individuals reside in low to moderate income households (Question 11A).
- ☒ The UGLG did not receive a 2018 Frozen Water or a 2020 Infrastructure and Resiliency Grant.
- ☒ The project will be completed by December 31, 2023.
- ☒ The grant request for traditional infrastructure is between \$500,000 and \$2,000,000.
- ☒ The UGLG has a committed cash match equal to 10% of the total project cost.
- ☒ The UGLG has clearly demonstrated that the proposed project benefits the entire Low- and Moderate- Income Community (Question 11B).
- ☒ The proposed project is located on property owned by the UGLG and/or only an easement is needed.
- ☒ The UGLG has a maintenance plan for the proposed project (Section 12, Attachment E).
- ☒ The UGLG has a Capital Improvement Plan (CIP) and the proposed project is specifically identified within the CIP as a non-maintenance capital expenditure (Section 12, Attachment J).
- ☒ The UGLG has a set of project plans and specifications (Section 12, Attachment M).

Comments:

6. PRIORITIES

A. Check all priorities that apply:

- ☒ The need for the proposed project has been clearly defined (Question 10(C)) and supports one or more of the following concerns (check all that apply):
 - ☐ Health, Sanitation, and Security
 - ☒ Aging Infrastructure
 - ☒ Sustainability
- ☒ The community does not have more than 1 open CDBG grant or executed LOI.
- ☒ The community is a Low to Moderate income Community
 - ☒ 51-55%
 - ☐ 56-60%
 - ☐ 61-65%
 - ☐ 66% and above
- ☒ The community has leveraged local matching funds
 - ☐ 10%
 - ☒ 11-15%
 - ☐ 16-20%
 - ☐ 25% and above

Comments:

7. ADMINISTRATION

- A. Identify who will be responsible for administering the proposed project (Check One).

NOTE – Administrative contracts cannot be signed until authorized by the MEDC.

☒ **A MEDC CGA will administer the project.** The CGA has not yet been selected and the contract amount is unknown. The contract has not yet been signed, the MSF will fund the costs, and the administration line item on the CDBG budget (Attachment A) has been left blank.

☐ **A MEDC CGA on the staff of the UGLG will administer the project.** These costs are not eligible as match or CDBG reimbursement. The administration line item on the CDBG budget (Attachment A) has been left blank. Provide the name and contact information for the MEDC CGA person at the UGLG who will be responsible for administering the proposed project:

Name:

Business Address:

Phone #:

E-mail:

8. UGLG CAPACITY AND CONFLICT OF INTEREST

- A. Does the UGLG have open CDBG grants, including CDBG housing grants, or executed Letters of Intent (LOI) related to a CDBG project?

☐ Yes
☒ No

If yes, please provide the grant number(s) and project name in the case of a LOI:

- B. Does the UGLG have any unresolved CDBG grant issues and/or findings?

☐ Yes
☒ No

If yes, please provide the grant number and explain the issues and/or findings:

- C. Conflict of Interest, check all that apply:

☐ Employees, agents, consultants, officers, elected or appointed officials of the UGLG will obtain a financial interest or benefit from a CDBG assisted activity or will have an interest in any contract, subcontract or agreement with respect thereto, or in the proceeds hereunder, either for themselves or for those with whom they have family or business ties, during their tenure or for one year thereafter.

☐ Officials and staff of the UGLG will be a party to contracts involving the procurement of goods and services assisted with CDBG funds.

☒ No conflicts.

9. UGLG FUNDING SOURCES

- A. Check the specific funding source(s) that the UGLG's committed cash match will be comprised of:

****SPECIAL ASSESSMENTS ARE NOT ALLOWED****

- ☐ General Fund
- ☒ Road, Water, and/or Sewer Funds
- ☐ DDA or other like district Funds
- ☐ Bonding (See instructions for limitations)
- ☐ Currently, Community is RRC Certified
- ☐ Other. Describe other funds: _____

- B. Check the specific funding source(s) that the **"Other"** committed cash match will be comprised of:

- ☐ Other grants and/or loans where agreements are in place and the funds are immediately available
- ☐ Act 51 Funds that are immediately available
- ☐ Other public and/or private cash that is immediately available
- ☐ Other funds that are immediately available.

Describe ALL "Other" funds: _____

10. PROJECT SCOPE AND PROGRAM REQUIREMENTS

- A. Compliance Requirements. Check all that apply:

- ☐ The project will impact historic properties or archaeological sites and districts.
- ☐ The project will impact wetlands.
- ☐ The project is located in a floodplain and/or will impact a floodplain.
- ☐ The project is located in a coastal zone.
- ☒ The project will require local, state, and federal permits.
- ☐ The project will result in the acquisition of easements.
- ☐ The project will result in the demolition or conversion of residential dwelling units, both occupied and vacant.
- ☐ The project will result in temporary or permanent relocation of businesses, non-profit organizations, homeowners, or tenants.
- ☐ The project will result in special fees (i.e., tap in / hookup fees, special assessments).
- ☐ None of the above

Describe all that apply: An EGLE Permit for water main replacement will be required.

- B. Provide a clear and concise description of the overall proposed project.

The proposed streets listed for water main replacement have mains sized 2"- 4" and we would be replacing them with an 8" main. This would significantly improve fire protection. Some of these streets will trigger the LCR rule

- C. Based on the priority criteria selected in Section 6 (A), clearly describe the need for the proposed project.

☐ Health, Sanitation, and Security

☒ Aging Infrastructure

The Existing mains were installed between 1939 and 1959. They require on going maintenance and repairs.

☒ Capacity

The current lines do not support the necessary capacity for fire protection.

- D. Lead and Copper Rule: The purpose of the Lead and Copper Rule (LCR) is to protect public health by minimizing lead and copper levels in drinking water. Lead and copper enter drinking water mainly from corrosion of lead and copper containing plumbing materials. The rule establishes action levels (AL) for lead and copper based on a 90th percentile level of tap water samples. An action level exceedance is not a violation but triggers other requirements to minimize exposure to lead and copper in drinking water, including water quality parameter monitoring, corrosion control treatment, source water monitoring/treatment, public education, and lead service line replacement. All community water supplies and nontransient noncommunity water supplies are subject to the LCR requirements.

☒ The proposed project activities trigger LCR requirements and the project includes any/all statutorily required replacement of lead or galvanized service lines.

☐ The proposed project does not trigger LCR requirements.

- E. What is the square footage of the public space being improved or reactivated?

63,000

- F. In the below space, provide an overall project schedule that includes the anticipated start and completion dates (attachments are not acceptable).

Activities	Start Date	End Date
Design Engineering	June 15, 2021	December 15, 2021
Easement acquisition, if applicable	n/a	
Bidding	January 6, 2022	February 17, 2022
Construction	May 1, 2022	November 1, 2022

Comments regarding timeline (i.e. Design Engineering was completed prior to this Application; Design Engineering will be paid locally and will be completed prior to the Grant Agreement BUT ONLY with MEDC's written authorization; easements will not be required, etc.):

11. NATIONAL OBJECTIVE

- A. What percentage of the UGLG is comprised of low- and moderate-income persons?

53.48

- B. Explain how the CDBG funded improvements will benefit the entire low- and moderate-income area.

Replacing the mains would provide good pressure and capacity for fire protection for the area

12. REQUIRED ATTACHMENTS – MUST BE LABELED AND ATTACHED IN ORDER

ATTACHED?		ATTACHMENT	TITLE (use templates when provided)
Yes	No		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	A	Project Budget
<input checked="" type="checkbox"/>	<input type="checkbox"/>	B	Authorizing Resolution
<input checked="" type="checkbox"/>	<input type="checkbox"/>	C	Cost Estimates (preliminary)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	D	Detailed Map, showing all project activities
<input checked="" type="checkbox"/>	<input type="checkbox"/>	E	Maintenance Plan If no, explain:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	F	Community Development Narrative If no, explain:
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Gi	UGLG Public Participation Certification
<input type="checkbox"/>	<input type="checkbox"/>	Gii	<i>Published</i> Public Hearing Notice
<input type="checkbox"/>	<input type="checkbox"/>	Giii	Brief description of the public hearing
<input checked="" type="checkbox"/>	<input type="checkbox"/>	H	Certifications
<input checked="" type="checkbox"/>	<input type="checkbox"/>	I	Assurances
<input checked="" type="checkbox"/>	<input type="checkbox"/>	J	Capital Improvement Plan If no, explain:
<input type="checkbox"/>	<input checked="" type="checkbox"/>	K	Anti-Displacement and Relocation Assistance Plan. If no, explain: no displacement
<input checked="" type="checkbox"/>	<input type="checkbox"/>	L	Evidence of Need (See Section 6 Priority and Section 10, Question 10C)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	M	Project Plans and Specifications (preliminary), see Section 5 Eligibility) If no, explain:

13. OPTIONAL ATTACHMENTS – MUST BE LABELED AND ATTACHED IN ORDER

ATTACHED?		ATTACHMENT	TITLE
Yes	No		
<input type="checkbox"/>	<input checked="" type="checkbox"/>	N	Other Funding Sources including Local Bonds. If using bonds and/or other resources, evidence that the funds are available at the time of the application (Section 9, Question 9B) If not, local match will not consist of bonds and/or the proposed budget will not consist of Other Resources.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	O	Joint Application. If applicable, identify any other applications related to infrastructure that includes a Federal or State agency as a source of funds. If not, UGLG has not submitted other applications for infrastructure funding to Federal or State agencies.
Additional Comments:			

Attachment A Project Budget

PROJECT BUDGET						
ACTIVITY COSTS	CDBG	LOCAL	PRIVATE	OTHER	OTHER	TOTAL
Administrative Services	\$ 25,470	\$ 2,830	\$	\$	\$	\$ 28,300
Engineering	\$ 43,020	\$ 4,780	\$	\$	\$	\$ 47,800
3 rd Party Environmental	\$ n/a	\$	\$	\$	\$	\$
Construction / Contingency	\$ 848,618.10	\$94,290.90	\$	\$	\$	\$ 942,909
	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$
	\$	\$	\$	\$	\$	\$
GRAND TOTAL	\$ 917,108.10	\$101,900.90	\$	\$	\$	\$1,019,009

**CITY OF MARINE CITY
ST. CLAIR COUNTY, MICHIGAN**

RESOLUTION NO. 012-2021

**AUTHORIZING RESOLUTION FOR
COMMUNITY DEVELOPMENT BLOCK GRANT APPLICATION**

MEMORANDUM OF A RESOLUTION of the City Commission of the City of Marine City adopted at a regular meeting of said Commission held at the Fire Hall located at 200 South Parker Street, Marine City, Michigan, on the 20th day of May, 2021 at 7:00 PM.

Present:

Absent:

The following preamble and resolution were offered by _____, and supported by _____:

WHEREAS, the Michigan Strategic Fund has invited Units of General Local Government to apply for its Water-Related Infrastructure (WRI) Competitive Funding Round; and

WHEREAS, the City of Marine City desires to request \$917,108.10 in CDBG funds to upgrade four local streets and some of the surrounding area by replacing the small water mains (2" and 4" mains) with 8" water mains which will increase water pressure, flow and, subsequently, improve fire protection to the area; and

WHEREAS, the City of Marine City commits local funds from its Water/Sewer Fund in the amount of \$101,900.90; and

WHEREAS, the proposed project is consistent with the local Community Development Plan as described in the Application; and

WHEREAS, the proposed project will benefit all residents of the project area and 53 percent of the residents of the City of Marine City are low and moderate income persons as determined by an income survey approved by the Michigan Economic Development Corporation); and

WHEREAS, local funds and any other funds to be invested in the project have not been obligated/incurred and will not be obligated/incurred prior to a formal grant award, completion of the environmental review procedures and a formal written authorization to obligate/incur costs from the Michigan Economic Development Corporation.

NOW, THEREFORE, BE IT RESOLVED that the City of Marine City hereby designates the City Manager as the Environmental Review Certifying Officer, the person authorized to certify the Michigan CDBG Application, the person authorized to sign the Grant Agreement and payment requests, and the person authorized to execute any additional documents required to carry out and complete the grant.

Ayes:

Nays:

RESOLUTION DECLARED ADOPTED.

Cheryl Vercammen, Mayor

Kristen Baxter, City Clerk



Project Control Engineering, Inc.
Professional Engineers, Surveyors, and Consultants

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April 30, 2021

Elaine Leven, City Manager
City of Marine City
303 S. Water St
Marine City, MI 48039

**Re: Community Development Block Grant Project
Engineering & Surveying Proposal**

Dear Ms. Leven,

The City is currently pursuing The Community Development Block Grant Water-Related Infrastructure program, to assist with necessary improvements to deteriorated or obsolete public infrastructure. Several projects were selected by the Cities Infrastructure Subcommittee as the most critical projects. Those projects are listed below.

We are proposing to provide engineering and surveying services as necessary to complete the projects.

Project Description:

Project work generally includes replacement of existing undersized water main. Since the water mains are located beneath road pavement, and the pavement is in poor condition, full width road pavement rehabilitation will also be included. Work locations are summarized as follows:

1. 985 LF in South Main Street- Bridge Street to Water Street
2. 630 LF in Fifth Street- West Blvd to Metropolis
3. 650 LF in Pleasant Street- Pearl to Westminster
4. 360 LF in Alger Street- Parker to South Belle River Road.

Project Budget Estimate:

We have estimated project costs to be as follows:

DESCRIPTION	ESTIMATED COST
Alger Street Improvements	\$153,021.00
Pleasant Street Improvements	\$308,022.00
South Main Street Improvements	\$300,938.00
Fifth Street Improvements	\$180,928.00
Sub Total Construction Cost	\$942,909.00
Administrative Services	\$28,300.00
Engineering	\$47,800.00
TOTAL PROJECT BUDGET	\$1,019,009.00



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Scope of Services:

Work will include completion of detailed topographic survey of work areas, identification of any underground utility information provided by Miss Dig, preparation of construction plans & specifications, update project cost estimate (based on plans) ,obtaining permit approvals from EGLE and Soil Erosion Department, solicitation of bids (advertising fees paid by city), answer contractor questions, provide a bid tabulation and recommendation letter, contract administration, inspection of paving (water main inspection by city staff), and preparation of final project as-built drawings.

Anticipated Schedule:

The following summarizes our anticipated project schedule.

Project Task	Completion
Authorization to Proceed	May 6, 2021
Anticipated CDBG Offer	June 15, 2021
Topographic Survey, start engineering drawings	July 15, 2021
50% Design Review by City	August 1, 2021
EGLE Permit issued (30-day review)	November 15, 2021
Final Plan Review by City	October 15, 2021
Final Plans, Specifications, and Contract Documents	December 15, 2021
Advertise for Bids	January 6, 2022
Bid Opening	February 8, 2022
Bid Recommendation to City	February 10, 2022
Bid Award by City Commission	February 17, 2021
Construction Starts	May 1, 2022
Construction Completion	November 1, 2022



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Compensation:

Our lump sum fees for the above-described services are summarized as follows:

Service	Amount
Administrative Services	\$28,300.00
Engineering	\$47,800.00
LUMP SUM FEES	\$76,100.00

Fees are invoiced monthly based on work completed. We will proceed with Commission authorization. If you have any questions, please do not hesitate to call.

Sincerely,

Project Control Engineering, Inc

A handwritten signature in black ink, appearing to read 'John T. Monte', is written over a faint, larger signature.

John T. Monte, P.E.
President
jtmonte@pce-eng.com

Enclosures



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EXHIBIT C

ENGINEER'S OPINION OF PROBABLE COSTS

PROJECT: 2021 ALGER ST. IMPROVEMENTS

April 29, 2021

WORK: 360 LF WATERMAIN REPLACEMENT & ROAD RECONSTRUCTION

ESTIMATE TYPE: BUDGETARY

DESCRIPTION OF WORK ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ESTIMATED TOTAL AMOUNT
MOBILIZATION (5% MAX)	LS	1	\$ 6,600.00	\$ 6,600.00
TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
AUDIO-VISUAL	LS	1	\$ 3,000.00	\$ 3,000.00
PAVEMENT REMOVAL	CY	106	\$ 15.00	\$ 1,590.00
AGGREGATE STONE BASE 21A	TN	160	\$ 35.00	\$ 5,600.00
HMA LEVELING COURSE	TN	106	\$ 110.00	\$ 11,660.00
HMA WEARING COURSE 5e3	TN	107	\$ 110.00	\$ 11,770.00
CURB & GUTTER REPLACEMENT ALLOWANCE	LF	40	\$ 76.00	\$ 3,040.00
ADJUST STRUCTURE (ALLOWANCE)	EA	2	\$ 1,500.00	\$ 3,000.00
RESTORATION	LS	2	\$ 4,200.00	\$ 8,400.00
INLET FILTERS	EA	7	\$ 50.00	\$ 350.00
8X6 REDUCER	EA	1	\$ 2,500.00	\$ 2,500.00
8X4 REDUCER	EA	1	\$ 2,500.00	\$ 2,500.00
8" DUCTILE WATERMAIN	LF	360	\$ 95.00	\$ 34,200.00
CUT AND CAP EX. 4" WATERMAIN TO ABANDON	EA	2	\$ 2,900.00	\$ 5,800.00
8"X12" TAPPING SLEEVE	EA	2	\$ 4,500.00	\$ 9,000.00
REMOVE AND REPLACE EX. VALVE BOX	EA	2	\$ 1,100.00	\$ 2,200.00
RECONNECT WATER SERVICES	EA	8	\$ 2,200.00	\$ 17,600.00
FIRE HYDRANT ASSEMBLY WITH VALVE AND BOX	EA	1	\$ 5,000.00	\$ 5,000.00
SEWER LEAD REPAIR	EA	8	\$ 350.00	\$ 2,800.00
SUB TOTAL CONSTRUCTION COST				\$ 139,110.00
CONTINGENCY (10%)				\$ 13,911.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 153,021.00



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EXHIBIT C

ENGINEER'S OPINION OF PROBABLE COSTS

PROJECT: 2021 PLEASANT ST. IMPROVEMENTS
WORK: 650 LF WATERMAIN REPLACEMENT & ROAD RECONSTRUCTION
ESTIMATE TYPE: BUDGETARY

April 29, 2021

DESCRIPTION OF WORK ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ESTIMATED TOTAL AMOUNT
MOBILIZATION (5% MAX)	LS	1	\$ 13,300.00	\$ 13,300.00
TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
AUDIO-VISUAL	LS	1	\$ 3,000.00	\$ 3,000.00
PAVEMENT REMOVAL	CY	240	\$ 15.00	\$ 3,600.00
AGGREGATE STONE BASE 21A	TN	350	\$ 35.00	\$ 12,250.00
HMA LEVELING COURSE	TN	230	\$ 110.00	\$ 25,300.00
HMA WEARING COURSE 5e3	TN	225	\$ 110.00	\$ 24,750.00
ADA COMPLIANT SIDEWALK RESTORATION	EA	10	\$ 3,650.00	\$ 36,500.00
CURB & GUTTER REPLACEMENT ALLOWANCE	LF	70	\$ 76.00	\$ 5,320.00
ADJUST STRUCTURE (ALLOWANCE)	EA	3	\$ 1,500.00	\$ 4,500.00
RESTORATION	LS	2	\$ 4,200.00	\$ 8,400.00
INLET FILTERS	EA	7	\$ 50.00	\$ 350.00
8"X8" TAPPING SLEEVE WITH VALVE	EA	1	\$ 4,500.00	\$ 4,500.00
8"X12" TAPPING SLEEVE WITH VALVE	EA	1	\$ 4,500.00	\$ 4,500.00
8" DUCTILE WATERMAIN	LF	650	\$ 95.00	\$ 61,750.00
CUT AND CAP EX. 4" WATERMAIN TO ABANDON	EA	2	\$ 2,900.00	\$ 5,800.00
8"X12" TAPPING SLEEVE	EA	2	\$ 4,500.00	\$ 9,000.00
REMOVE AND REPLACE EX. VALVE BOX	EA	2	\$ 1,100.00	\$ 2,200.00
RECONNECT WATER SERVICES	EA	20	\$ 2,200.00	\$ 44,000.00
FIRE HYDRANT ASSEMBLY WITH VALVE AND BOX	EA	1	\$ 5,000.00	\$ 5,000.00
SEWER LEAD REPAIR	EA	10	\$ 350.00	\$ 3,500.00
SUB TOTAL CONSTRUCTION COST				\$ 280,020.00
CONTINGENCY (10%)				\$ 28,002.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 308,022.00



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EXHIBIT C

ENGINEER'S OPINION OF PROBABLE COSTS

PROJECT: 2021 SOUTH MAIN ST. IMPROVEMENTS
WORK: 985 LF WATERMAIN REPLACEMENT & ROAD RECONSTRUCTION
ESTIMATE TYPE: BUDGETARY

April 29, 2021

DESCRIPTION OF WORK ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ESTIMATED TOTAL AMOUNT
MOBILIZATION (5% MAX)	LS	1	\$ 13,000.00	\$ 13,000.00
TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
AUDIO-VISUAL	LS	1	\$ 3,000.00	\$ 3,000.00
PAVEMENT REMOVAL	CY	295	\$ 15.00	\$ 4,425.00
AGGREGATE STONE BASE 21A	TN	438	\$ 35.00	\$ 15,330.00
HMA LEVELING COURSE	TN	291	\$ 110.00	\$ 32,010.00
HMA WEARING COURSE 5e3	TN	225	\$ 110.00	\$ 24,750.00
CURB & GUTTER REPLACEMENT ALLOWANCE	If	98	\$ 76.00	\$ 7,448.00
ADJUST STRUCTURE (ALLOWANCE)	EA	2	\$ 1,500.00	\$ 3,000.00
RESTORATION	LS	2	\$ 4,200.00	\$ 8,400.00
INLET FILTERS	EA	5	\$ 50.00	\$ 250.00
8"X4" REDUCER WITH VALVE	EA	1	\$ 4,000.00	\$ 4,000.00
8"X10" TAPPING SLEEVE WITH VALVE	EA	1	\$ 4,500.00	\$ 4,500.00
8" DUCTILE WATERMAIN	LF	985	\$ 95.00	\$ 93,575.00
CUT AND CAP EX. 4" WATERMAIN TO ABANDON	EA	1	\$ 2,900.00	\$ 2,900.00
8"X12" TAPPING SLEEVE	EA	2	\$ 4,500.00	\$ 9,000.00
REMOVE AND REPLACE EX. VALVE BOX	EA	2	\$ 1,100.00	\$ 2,200.00
RECONNECT WATER SERVICES	EA	15	\$ 2,200.00	\$ 33,000.00
FIRE HYDRANT ASSEMBLE WITH VALVE AND BOX	EA	1	\$ 5,000.00	\$ 5,000.00
SEWER LEAD REPAIR	EA	15	\$ 350.00	\$ 5,250.00
SUB TOTAL CONSTRUCTION COST				\$ 273,538.00
CONTINGENCY (10%)				\$ 27,400.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 300,938.00



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EXHIBIT C

ENGINEER'S OPINION OF PROBABLE COSTS

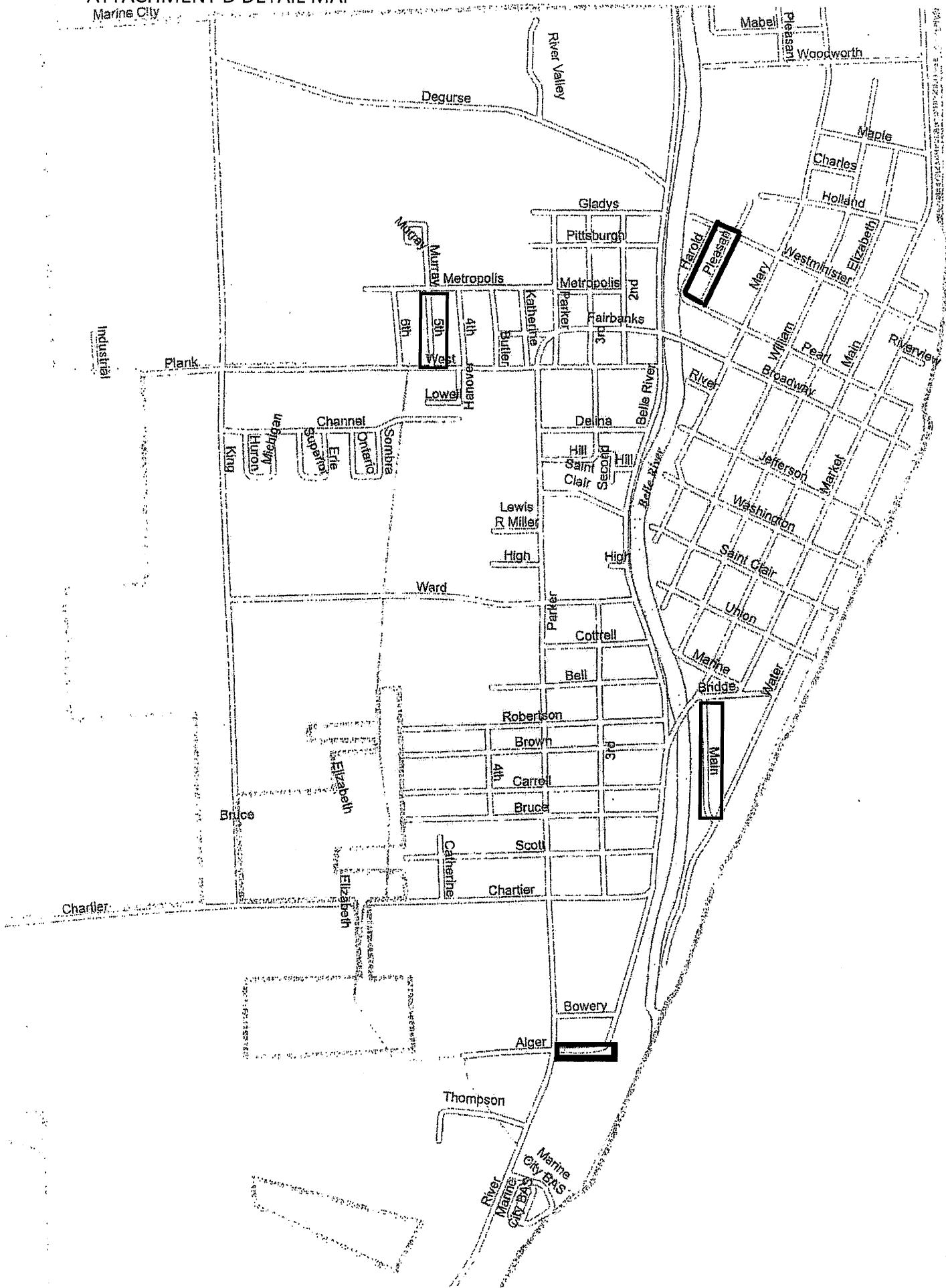
PROJECT: 2021 FIFTH STREET IMPROVEMENTS
WORK: 630 LF WATERMAIN REPLACEMENT & ROAD RECONSTRUCTION
ESTIMATE TYPE: BUDGETARY

April 29, 2021

DESCRIPTION OF WORK ITEM	UNIT	ESTIMATED QUANTITY	UNIT PRICE	ESTIMATED TOTAL AMOUNT
MOBILIZATION (5% MAX)	LS	1	\$ 7,800.00	\$ 7,800.00
TRAFFIC CONTROL	LS	1	\$ 2,500.00	\$ 2,500.00
AUDIO-VISUAL	LS	1	\$ 3,000.00	\$ 3,000.00
SAW CUT TRENCH	LF	1260	\$ 2.50	\$ 3,150.00
PAVEMENT REMOVAL	CY	40	\$ 15.00	\$ 600.00
AGGREGATE STONE BASE 21A	TN	60	\$ 35.00	\$ 2,100.00
HMA LEVELING COURSE	TN	83	\$ 110.00	\$ 9,130.00
HMA WEARING COURSE 5e3	TN	75	\$ 110.00	\$ 8,250.00
RESTORATION	LS	2	\$ 4,200.00	\$ 8,400.00
INLET FILTERS	EA	7	\$ 50.00	\$ 350.00
4" RECONNECT OR TAP	EA	1	\$ 3,700.00	\$ 3,700.00
8"X12" TAPPING SLEEVE WITH VALVE	EA	1	\$ 4,500.00	\$ 4,500.00
8" DUCTILE WATERMAIN	LF	630	\$ 95.00	\$ 59,850.00
CUT AND CAP EX. 4" WATERMAIN TO ABANDON	EA	2	\$ 2,900.00	\$ 5,800.00
8"X12" TAPPING SLEEVE	EA	2	\$ 4,500.00	\$ 9,000.00
REMOVE AND REPLACE EX. VALVE BOX	EA	3	\$ 1,100.00	\$ 3,300.00
RECONNECT WATER SERVICES	EA	11	\$ 2,200.00	\$ 24,200.00
FIRE HYDRANT ASSEMBLY WITH VALVE AND BOX	EA	1	\$ 5,000.00	\$ 5,000.00
SEWER LEAD REPAIR	EA	11	\$ 350.00	\$ 3,850.00
SUB TOTAL CONSTRUCTION COST				\$ 164,480.00
CONTINGENCY (10%)				\$ 16,448.00
TOTAL ESTIMATED CONSTRUCTION COST				\$ 180,928.00

ATTACHMENT D DETAIL MAP

Marine City



ATTACHMENT E MAINTENANCE PLAN

City of Marine City Maintenance Plan for Water Mains

Water mains will be flushed twice a year in April and October. Hydrants will be flushed a minimum of 15 minutes. Hydrants shall be pumped out in the fall and a non-hazardous antifreeze added. Valves in the system shall be exercised every 2 years.

ATTACHMENT F COMMUNITY DEVELOPMENT NARRATIVE

Located on the west bank of the St. Clair River, the City of Marine City is an international border town situated within St. Clair County, with a population of approximately 4,100 residents. The City houses six schools for a combined student enrollment of approximately 1900 students. The percentage of children served free and reduced price lunches within the Marine City public school system is 40% of the student base compared to the school district average of 33% and Belle River Elementary and Riverview East Alternative High School are Title 1 schools with Marine City High School and Middle Schools both qualifying as Title 1 targeted assistance eligible schools where at least 40% of the student base is considered to be low income.

Statistically, according to the American Community Survey 2015, the median household income for the City of Marine City was \$40,240.00 with a poverty rate of 16.7% which reflects a noticeable difference when compared to the State of Michigan median household income average of \$52,668 with a poverty rate of 15%.

ATTACHMENT GI, GII, GIII

These will be completed after the public hearing.

ATTACHMENT H - CERTIFICATION BY THE APPLICANT UGLG FORM

The UGLG hereby certifies that it:

1. Possesses legal authority to submit a grant application;
2. Has in a timely manner:
 - b. furnished its citizens information concerning the amount of funds available and being applied for, and the proposed community development and housing activities to be undertaken, including the estimated amount proposed to be used for activities that will benefit persons of low and moderate income and the plans for minimizing displacement of persons as a result of proposed activities and for assisting persons actually displaced;
3. published a public notice (a copy of which is attached) in such manner to afford citizens an opportunity to examine and submit comments on the proposed application and community development and housing activities;
4. held one or more public hearings to obtain the views of citizens on the proposed application and community development and housing needs; and
5. made the proposed application available to the public;
6. Will conduct and administer the grant in conformity with Public Law 88-352 and Public Law 90-284, and will affirmatively further fair housing;
7. Has developed the proposed application so as to give maximum feasible priority to activities which will benefit low and moderate income families or aid to the prevention or elimination of slum or blight; or to meet other community development needs having a particular urgency because existing conditions pose a serious and immediate threat to health or welfare of the community where other financial resources are not available to meet such needs;
8. Has developed a community development plan that identifies community development and housing needs and specifies both short and long term community development objectives that have been developed in accordance with the primary objective and requirements of the Title I Housing and Community Development Act of 1974, as amended;
9. Will not attempt to recover any capital costs of public improvements assisted in whole or in part with Title I funds by assessing any amount against properties owned and occupied by persons of low and moderate income, including any fee charged or assessment made as a condition of obtaining access to such public improvements, unless (A) Title I funds are used to pay the proportion of such fee or assessment that related to capital costs of such public improvement that are financed from revenue sources other than Title I funds; or (B) for purposes of assessing any amounts against properties owned and occupied by persons of low and moderate income who are not persons of very low income, and (name of local unit) certifies that it lacks sufficient Title I funds to comply with the requirements of clause (A);
10. Will adopt a policy of prohibiting the use of excessive force by law enforcement agencies within its jurisdiction against any individuals engaged in nonviolent civil rights demonstrations; and enforcing applicable State and local laws against physically barring entrance to or exit from a facility or location which is the subject of such nonviolent civil rights demonstrations within its jurisdictions;
11. No federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement;
12. If any funds other than federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with a federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions;

13. The undersigned shall require that the language of this certification be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, and contracts under grants, loans, and cooperative agreements) and that all sub recipients shall certify and disclose accordingly;
14. Will comply with other provisions of Title I of the Housing and Community Development Act of 1987, as amended, and with other applicable laws.

Signature and Title of Authorized UGLG

Official Date

ATTACHMENT I -STATEMENT OF ASSURANCES FORM

The UGLG hereby assures and certifies that it has complied or shall comply with Title I of the Housing and Community Development Act of 1974, as amended (42 U.S.C. 5301), and related statutes and implementing rules, regulations, and guidelines applicable to projects financed under the Michigan CDBG program. Specific assurances and certifications include but are not limited to the following:

1. Compliance with grant and financial management guidelines in 2 CFR Part 200, et al.; Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards; Final Rule.
2. Compliance with Civil Rights and Equal Opportunity statutes as set forth in Title I of the Civil Rights Act of 1964 (Public Law 88-352), Title VIII of the Civil Rights Act of 1968 (Public Law 90-284), the Michigan Civil Rights Act 453 of 1976, the Michigan Fair Employment Practices Act (MCL 423, 301-423, 311), related statutes and implementing rules and regulations.
3. Compliance with Labor Standards statutes as set forth in the Davis-Bacon Fair Labor Standards Act (40 U.S.C. 276a-276a-5), related statutes and implementing rules and regulations.
4. Compliance with Lead Based Paint Poisoning Prevention Act (42 U.S.C. 4831).
5. Compliance with the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970 (42 U.S.C. 4630) and implementing regulations.
6. Compliance with OMB Circular No. A-133, Audits of States, Local Governments and Non-Profit Organizations and implementing rules and regulations.
7. Compliance with Section 504 of the Rehabilitation Act of 1973, as amended, and implementing rules and regulations 24 CFR Part 8.
8. Authorized state officials and representatives will have access to all books, accounts, records, reports, files, and other papers, things, or property pertaining to the project in order to make audits, examinations, excerpts and transcripts; each contract or subcontract also shall provide for such success to relevant data and records pertaining to the development and implementation of the project.

The UGLG agrees to assume all of the responsibilities for environmental review, decision making and action as specified and required under the National Environmental Policy Act of 1969 (42 U.S.C. 4321) and Section 104 (f) of Title I of the Housing and Community Development Act and implementing regulations 24 CFR Part 58.

Signature and Title of Authorized UGLG

Official Date

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
Alger Street	4" to 8"	1949	2	3	2	6	939	2039	\$65,730.00
Bell Street (West of S. Parker)	2" to 6"	1987	2	3	2	6	910		\$63,700.00
Bell Street (East of S. Parker)	6" to 6"	1998	2	3	2	6	350	2088	\$24,500.00
Bell Street (S. Third to S. Belle River)	6" to 6"	2020	1	1	1	1	475	2110	\$30,875.00
N. Belle River (Degurse Ave. to North City Limits)	10" to 10"	1998	2	3	2	6	1463	2088	\$160,930.00
N. Belle River (Degurse Ave. to Fairbanks)	6" to 6"	1949	2	3	2	6	1393	2039	\$97,510.00
S. Belle River (Fairbanks to Chartier)	6" to 12"	1949	2	3	2	6	6455	2039	\$871,425.00
S. Belle River (Chartier to Alger)	4" to 8"	2039	2	3	2	6	1299	2039	\$123,405.00
Bowery Street	6" to 6"	1960	2	3	2	6	482	2050	\$33,740.00
Bridge Street (S. Main St. to S. Water St.)	4" to 6"	1949	2	3	2	6	554	2039	\$38,780.00
Bridge Street (S. Market St. to S. Water St.)	10" to 10"	1999	2	3	2	6	294	2089	\$32,340.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
Broadway (S. Water St. to N. Belle River)	6"to 12"	1955	2	3	2	6	1738	2045	\$234,630.00
Brown Street (S. Parker to West City Limits)	6"to 8"	1978	2	3	2	6	1094	2068	\$103,930.00
Brown Street (S. Parker to S. Belle River Ave)	6"to 8"	1978	2	3	2	6	946	2068	\$89,870.00
Bruce Street	4" to 8"	1949	2	3	2	6	1967	2039	\$186,865.00
Butler	4" to 8"	1949	2	3	2	6	626	2039	\$59,470.00
Bulter (Metroplies to West Blvd)	12" to 12"	1978	2	3	2	6	626	2039	\$84,510.00
Carroll Street	4" to 8"	1949	2	3	2	6	1987	2039	\$188,765.00
Charles Street	12" to 12"	1949	2	3	2	6	371	2039	\$50,085.00
Chartier (M-29 to King)	12" to 12"	1995	2	3	2	6	1910	2085	\$257,850.00
Chartier @ King going south to Plaza	12" to 12"	1980	2	3	2	6	3500	2070	\$472,500.00
Chartier M-29 to Third	6" to 8"	1994	2	3	2	6	431	2084	\$40,945.00
Cottrell Street	10" to 12"	1938	3	3	3	9	838	2028	\$113,130.00
Degurse Ave	12" to 12"	1997	2	3	2	6	3700	2087	\$499,500.00
Delina Street	6" to 8"	1978	2	3	2	6	847	2068	\$80,465.00
N Elizabeth Broadway to Westminster	6" to 8"	1949	2	3	2	6	909	2039	\$193,705.00
N Elizabeth Westminster to Holland	4" to 8"	1949	2	3	2	6	614	2039	\$58,330.00
S. Elizabeth	6" to 8"	1949	2	3	2	6	2208	2039	\$209,760.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
Fifth Street	2" to 8"	1949	3	3	3	9	616	2039	\$60,000.00
Fourth Street	6" to 6"	1987	2	3	2	6	616	2077	\$43,120.00
S. Fourth	4" to 6"	1949	2	3	2	6	800	2039	\$56,000.00
Gladys Street	6" 6"	1987	2	3	2	6	851	2077	\$16,254.00
Hanover	2" to 6"	1970	3	3	3	9	275	2060	\$19,250.00
Harold Street	4" to 8"	1949	2	3	2	6	582	2039	\$40,740.00
High Street	8" to 8"	1949	2	3	2	6	499	2039	\$47,405.00
Hill Street	6" to 8"	1978	2	3	2	6	887	2068	\$84,265.00
Holland (M-29 to N. Elizabeth)	8" to 8"	1947	3	3	2	6	307	2037	\$29,165.00
Holland (M-29 to N. Elizabeth)	12" to 12"	1947	2	3	2	6	307	2037	\$41,445.00
Holland (N.Elizabeth to N. Mary)	6" to 8"	1949	2	3	2	6	933	2038	\$88,635.00
Industrail way	12" to 12"	2003	2	3	2	6	800	2093	\$108,000.00
Jefferson (S. Main to S. Water)	12" to 12"	1948	2	3	3	9	810	2038	\$109,350.00
Jefferson (S. Main to Belle River)	6" to 8"	1947	2	3	2	6	1002	2037	\$95,190.00
King Road (Marine City Highway to Chartier)	12" to 12"	1978	2	3	2	6	7000	2068	\$945,000.00
Lowell Street	2" to 6"	1970	3	3	3	9	242	2060	\$23,275.00
Mabel	6" to 6"	1949	2	3	2	6	1104	2039	\$77,280.00
Mabel (new sub)	6" to 6"	1984	2	3	2	6	700	2074	\$49,000.00
N. Main	12" to 12"	2003	2	3	2	6	3109	2093	\$419,715.00
S. Main (Jefferson to Broadway)	12" to 12"	1948	2	3	2	6	617	2038	\$83,295.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
S. Main (Jefferson to Union)	6" to 12"	1949	2	3	2	6	1555	2039	\$209,925.00
S. Main (Union to Bridge)	4" to 8"	1949	2	3	2	6	658	2039	\$88,830.00
S. Main (Bridge to S. Water)	2" to 8"	1949	2	3	2	6	1000	2039	\$93,000.00
Maple Street	4" to 8"	1949	2	3	2	6	874	2039	\$83,030.00
Marine Street	4" to 6"	1949	2	3	2	6	551	2039	\$38,570.00
Mariner's Landing (King Road to 200 S. Parker)	12" to 12"	1996	2	3	3	9	2000	2086	\$270,000.00
N. Market (Broadway to Westminster)	8" to 12"	1949	2	3	2	6	907	2039	\$122,445.00
N. Market (Westminster to Main)	2" to 6"	1949	2	3	3	9	488	2039	\$34,160.00
S. Market (Broadway to Washington)	6" to 12"	1978	2	3	2	6	1006	2068	\$135,810.00
S. Market (Washington to Union)	10" to 12"	1949	3	4	3	12	764	2039	\$103,140.00
S. Market (Union to Bridge)	10" to 10"	2000	2	3	2	6	438	20090	\$48,180.00
N. Mary (Charles to NCL)	10" to 12"	1948	2	3	2	6	1335	2038	\$180,225.00
N Mary (Broadway to Holland)	4" to 8"	1948	2	3	2	6	1370	2038	\$130,150.00
S. Mary	4" to 8"	1949	2	3	2	6	1522	2039	\$144,590.00
Metropolis (Belle River to King)	12" to 12"	1973	2	3	2	6	3400	2063	\$495,000.00
Murray Court	6" to 8"	1976	2	3	2	6	902	2066	\$85,690.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
N. Parker	4" to 8"	1949	2	3	2	6	920	2039	\$87,400.00
S. Parker (West Blvd to Ward)	6" to 12"	1949	2	3	2	6	1838	2039	\$248,130.00
S.Parker (Ward to Chartier)	16" to 16"	1978	2	3	2	6	2263	2068	\$339,450.00
S. Parker (Chartier to SCL)	12" to 12"	2003	2	3	2	6	4650	2093	\$627,750.00
Pearl (N. Water to Belle River)	4" to 8"	1955	2	3	2	6	1984	2045	\$188,480.00
Pearl St (N. Main to Belle River)	12" to 12"	1973	2	3	3	9	1449	2063	\$195,615.00
Pittsburg	6" to 8"	1949	2	3	2	6	998	2039	\$94,810.00
Plank (King to WCL)	10" to 12"	1992	2	3	2	6	600	2082	\$81,000.00
Pleasant	4" to 8"	1949	2	3	2	6	898	2039	\$85,310.00
Pleasant (Mabel to NCL)	2" to 6"	1987	2	3	2	6	268	2077	\$18,760.00
River	2" to 6"	1960	2	3	2	6	214	2050	\$14,980.00
River Valley	8" to 8"	1995	2	3	2	6	804	2085	\$76,380.00
Robertson	4" to 8"	1949	2	3	2	6	2027	2039	\$192,565.00
Scott	4" to 8"	1949	2	3	2	6	835	2039	\$79,325.00
Scott	10" to 12"	1949	2	3	2	6	835	2039	\$112,725.00
Scott (M-29 to WCL)	6" to 8"	1970	2	3	2	6	1092	2060	\$103,740.00
Second	4" to 8"	1949	2	3	2	6	1185	2039	\$112,575.00
Short Cut	6" to 8"	1981	2	3	2	6	1039	2071	\$98,705.00
Sixth	4" to 8"	1949	2	3	2	6	612	2039	\$58,140.00
East St. Clair (William to Mary)	4" to 8"	1949	2	3	2	6	400	2039	\$38,000.00
W. St Clair	6" to 6"	2020	1	1	2	2	697	2110	\$48,790.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
N. Third	4" to 8"	1949	2	3	2	6	1196	2039	\$113,620.00
S. Third	4" to 8"	1949	2	3	2	6	2957	2039	\$280,915.00
Thompson Drive	6" to 8"	1962	2	3	2	6	268	2052	\$25,460.00
Union (S. Market to Belle River)	10" to 12"	1938	3	4	3	12	900	2028	\$121,500.00
Ward (Parker to Belle River)	4" to 8"	1949	2	3	2	6	716	2039	\$68,020.00
Ward (Parker to King)	6" to 12"	1950	3	3	3	9	2055	2040	\$277,425.00
Ward (Parker to Bike Path)	8" to 8"	1998	2	3	2	6	379	2088	\$36,005.00
Washington (S. William to S. Mary)	2" to 6"	2012	2	3	2	6	274	2102	\$19,180.00
Washington (S. Water to Market)	10" to 12"	1937	3	4	3	12	262	2027	\$35,370.00
N Water	4" to 6"	1949	2	3	2	6	281	2039	\$19,670.00
S. Water (Bridge to S. Main)	10" 10"	1999	2	3	2	6	1080	2089	\$118,800.00
S Water (S. Main to point)	4"to 8"	1955	2	3	2	6	1191	2045	\$113,145.00
S Water (Broadway to Bridge)	6" to 12"	1945	2	3	2	6	2143	2035	\$289,305.00
S. Water (Water Plant to Jefferson)	12" to 12"	1939	2	3	3	9	500	2029	\$67,500.00
S Water (Water Plant to Washington)	12" to 12"	1939	2	3	3	9	600	2029	\$81,000.00
W Blvd (M-29 to Belle River)	4" to 8"	1949	2	3	2	6	948	2039	\$90,060.00

ATTACHMENT J CAPITAL IMPROVEMENT PLAN

Street Name	Water Main Size and to Replace.	Installation Date	Condition	POF	COF	Criticality Rating	Feet to be Replaced	Project Completion Date	2020 Replacement Cost
W Blvd (M-29 to King)	4" & 6" to 8"	1949	3	3	2	6	2416	2039	\$229,520.00
W Blvd to D.P.W. under Bike Path	12" to 12"	1973	2	3	2	6	2250	2063	\$303,750.00
Westminster	8" to 12"	1938	3	3	3	9	2062	2028	\$278,370.00
N William (Maple North)	2" to 6"	1960	2	3	2	6	467	2050	\$32,690.00
N William (Broadway to Maple)	4" to 8"	1949	2	3	2	6	2011	2039	\$191,045.00
S William	4" to 8"	1949	2	3	2	6	1922	2039	\$182,590.00
Woodworth (S. Mary to M- 29)	4" to 8"	1949	3	3	2	6	750	2039	\$71,250.00
Woodworth (S. Mary to Belle River)	6" to 8"	1987	2	3	2	6	948	2077	\$90,060.00
TOTAL 2019 COST:									\$15,205,254.00
TOTAL FEET REPLACED:									133,937

NOTE:

- 1) Cost is for pipe only.
- 2) Ductile iron average life is 90-100 years. City is using 90yrs for replacement dates.
- 3) All pipe will be replaced with class 54 - 6 4 ductile iron pipe
- 4) POF is based on number of breaks on main and any other issues.
- %) COF is based on number of people affected by the loss of the main.

Asset Rating Table 2

Column D	
Condition	Assessment
Condition Rating	Description
5	Asset Unserviceable - Over 50% of asset requires replacement
4	Significant deterioration - significant renewal/upgrade required (20 -40%)
3	Moderate deterioration - Significant maintenance required (10 -20%)
2	Minor Deterioration - Minor maintenance required (5%)
1	New of Excellent Condition - Only normal maintenance required

Column E	
Probability of	Failure
Performance Rating	Description
5	Imminent - Likely to occur in the life of the item
4	Probable - Will occur several times in the life of an item
3	Occasional - Likely to occur some- time in the life of an item
2	Remote - Unlikely but possible to occur in the life of an item
1	Improbable - So unlikely, it can be assumed occurrence may not be experienced

Column F	
Consequence of	Failure *
Performance Rating	Description
5	Catastrophic disruption
4	Major disruption
3	Moderate disruption
2	Minor disruption
1	Insignificant disruption

* consider safety/social, economic/financial, environmental

ATTACHMENT K ANTI-DISPLACEMENT AND RELOCATION ASSISTANCE PLAN

This is not required since this project will not involve any displacements.

ST. CLAIR COUNTY HEALTH DEPARTMENT

Our Community. Our Environment.

3415 28th Street Port Huron MI 48060

ANNETTE MERCATANTE MD, MPH
MEDICAL HEALTH OFFICER

GREG BROWN
ADMINISTRATOR

ADVISORY BOARD OF HEALTH

MARIE J. MULLER
CHAIRPERSON

JOHN F. JONES
VICE CHAIRPERSON

ARNOLD KOONTZ
SECRETARY

MONICA STANDEL

CHERYL SMITH, R.N.

HOWARD HEIDEMANN
CO. COMMISSIONER

Divisions

ADMINISTRATION
P 810.987.5300
F 810.985.2150

DENTAL CLINIC
P 810.984.5197
F 810.984.0747

EMERGENCY PREPAREDNESS
P 810.987.5300
F 810.987.0630

ENVIRONMENTAL HEALTH
P 810.987.5306
F 810.985.5533

HEALTH EDUCATION
P 810.987.5300
F 810.985.2150

NURSING DIVISION
P 810.987.5300
F 810.985.4487

TEEN HEALTH
P 810.987.1311
F 810.987.0651

WIC PROGRAM
P 810.987.8222
F 810.966.2898

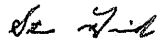
May 5, 2021

Subject: CDBG Grant Proposal

To Whom It May Concern:

The City of Marine City is applying for the CDBG grant to replace water mains within the city. The water mains to be replaced are in residential areas that have inadequate capacity for fire protection and low water pressure. The current water mains on these streets are 2" and 4". These would be replaced with 8" mains. Larger water mains will benefit the streets and the surrounding areas with greater flow and in turn improve the capacity for fire protection and increase the water pressure.

The St. Clair County Health Department strongly supports the project and favorable consideration of the grant application.



Steve Demick
Environmental Health Director
St. Clair County Health Department



www.schealth.co

[f/schdm](https://www.facebook.com/schdm) | [i/schdm](https://www.instagram.com/schdm)

ATTACHMENT L EVIDENCE OF NEED

David Vandenbossche
St. Clair County Commissioner District 7
214 S. Belle River Ave.
Marine City, MI 48039
810-459-2710
Email: Dvandenbossche@stclaircounty.org

To Whom It May Concern:

The City of Marine City is applying for the CDBG grant to replace water mains on four streets within the City. The streets that the mains are to be replaced are in residential areas that have inadequate capacity for fire protection and low water pressure. The current mains on these streets range from 2" to 4". These mains would be replaced with 8" mains. Larger mains will have an effect on these streets and surrounding area by means of increasing water pressure and the capacity of flow for fire protection.

Sincerely,

A handwritten signature in black ink, appearing to read 'D Vandenbossche', written in a cursive style.

David Vandenbossche
St. Clair County Commissioner District 7



MARINE CITY FIRE DEPARTMENT

200 South Parker Street • Marine City, Michigan 48039
810-765-8840 • Fax 810-765-5199

To Whom it may concern;

I am writing this letter in support of the City of Marine City applying for the CDBG grant for the replacement of the water mains on the following street. S Main St, Pleasant St, Alger St, and Fifth St. These streets do not have large enough water mains for fire protection due to low volume of water. These streets only have 2" – 4" mains currently and would considerably benefit this area and community immensely with this Grant to replaced the mains with 8" mains.

At this time, we currently use Water Tenders for these areas due to lack of water volume, with the addition to these streets being updated, this could possibly raise our ISO rating for the City of Marine City.

Thank you for any consideration

Sincerely,

A handwritten signature in dark ink, appearing to read "Joseph Slankster". The signature is fluid and cursive, with the first name "Joseph" being more prominent than the last name "Slankster".

Joseph Slankster
Fire Chief
Marine City Area Fire Authority

PLEASE HELP PREVENT FIRES

ATTACHMENT M PROJECT PLANS AND SPECIFICATIONS

These are currently being developed by our engineering firm Project Control Engineering, Inc.