



State of Ohio
Public Works Commission
Application for Financial Assistance

IMPORTANT: Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

Applicant

Applicant: City of Vermillion Subdivision Code: 043-79716
 District Number: 5 County: Erie Date: 09/05/2019
 Contact: Tony Valerius Phone: (440) 204-2424
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)
 Email: tonyvalerius@vermillion.net FAX: (440) 204-2411

Project

Project Name: Liberty Avenue 12" Watermain Replacement, Phase 1 Zip Code: 44089

Subdivision Type <small>(Select one)</small>	Project Type <small>(Select single largest component by \$)</small>	Funding Request Summary <small>(Automatically populates from page 2)</small>
<input type="checkbox"/> 1. County	<input type="checkbox"/> 1. Road	Total Project Cost: <u>593,189 .00</u>
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>236,000 .00</u>
<input type="checkbox"/> 3. Township	<input checked="" type="checkbox"/> 3. Water Supply	2. Loan: <u>0 .00</u>
<input type="checkbox"/> 4. Village	<input type="checkbox"/> 4. Wastewater	3. Loan Assistance/ Credit Enhancement: <u>0 .00</u>
<input type="checkbox"/> 5. Water (6119 Water District)	<input type="checkbox"/> 5. Solid Waste	Funding Requested: <u>236,000 .00</u>
	<input type="checkbox"/> 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested <small>(Select one)</small>	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> State Capital Improvement Program	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> Local Transportation Improvement Program	Grant:	Amount: _____ .00
<input type="checkbox"/> Revolving Loan Program	LTIP:	Amount: _____ .00
<input type="checkbox"/> Small Government Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
District SG Priority: _____		

For OPWC Use Only

STATUS: _____	Grant Amount: _____ .00	Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP
Project Number: _____	Loan Amount: _____ .00	Date Construction End: _____
	Total Funding: _____ .00	Date Maturity: _____
Release Date: _____	Local Participation: _____ %	Rate: _____ %
OPWC Approval: _____	OPWC Participation: _____ %	Term: _____ Yrs

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services

Preliminary Design:	<u>0</u> .00		
Final Design:	<u>45,553</u> .00		
Construction Administration:	<u>45,553</u> .00		
Total Engineering Services:	a.) <u>91,106</u> .00	<u>20</u> %	
Right of Way:	b.) <u>0</u> .00		
Construction:	c.) <u>455,530</u> .00		
Materials Purchased Directly:	d.) _____ .00		
Permits, Advertising, Legal:	e.) <u>1,000</u> .00		
Construction Contingencies:	f.) <u>45,553</u> .00	<u>10</u> %	
Total Estimated Costs:	g.) <u>593,189</u> .00		

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) _____ .00		
Local Revenues:	b.) <u>357,189</u> .00		
Other Public Revenues:	c.) _____ .00		
ODOT / FHWA PID: _____	d.) _____ .00		
USDA Rural Development:	e.) _____ .00		
OEPA / OWDA:	f.) _____ .00		
CDBG:	g.) _____ .00		
<input type="checkbox"/> County Entitlement or Community Dev. "Formula"			
<input type="checkbox"/> Department of Development			
Other: _____	h.) _____ .00		
Subtotal Local Resources:	i.) <u>357,189</u> .00	<u>60</u> %	

OPWC Funds (Check all requested and enter Amount)

Grant: <u>100</u> % of OPWC Funds	j.) <u>236,000</u> .00		
Loan: <u>0</u> % of OPWC Funds	k.) _____ .00		
Loan Assistance / Credit Enhancement:	l.) <u>0</u> .00		
Subtotal OPWC Funds:	m.) <u>236,000</u> .00	<u>40</u> %	
Total Financial Resources:	n.) <u>593,189</u> .00	<u>100</u> %	

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	_____ 593,189 .00	_____ 100 %
2.2 Total Portion of Project New / Expansion:	_____ 0 .00	_____ 0 %
2.3 Total Project:	_____ 593,189 .00	_____ 100 %

A Farmland Preservation letter is required for any impact to farmland

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>04/01/2020</u>	End Date: <u>09/11/2020</u>
3.2 Bid Advertisement and Award	Begin Date: <u>10/09/2020</u>	End Date: <u>11/20/2020</u>
3.3 Construction	Begin Date: <u>01/04/2021</u>	End Date: <u>05/28/2021</u>

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed.

Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 25 Years Age: 1955 (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT _____ Year _____ Projected ADT _____ Year _____

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ 45.00 Proposed \$ _____

Number of households served: 365

Residential Wastewater Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Stormwater: Number of households served: _____

4.3 Project Description

- A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 500 character limit.

The Project is located in the City of Vermilion, County of Erie and Lorain, along Liberty Avenue. The project will begin at Vermilion Road (West Terminus) and continue east to South Shore Court (East Terminus).

- B: PROJECT COMPONENTS (Describe the specific work to be completed; the engineer's estimate does not replace this requirement) 1,000 character limit.

Liberty Avenue is currently being serviced by a 65-year old 12" watermain on the south side of the road for approximately 1,900 LF. The City of Vermilion intends to replace this 12" watermain. The existing line will be abandoned in place and any water services will be reconnected to the new main. The watermain will be approximately 1,900 LF of 12" C909, 75 LF of 10" C909, and 340 LF of 8" C909. In order to service the existing residential homes in Linwood, Minnie Wawa Street, Ewa Yea Street, and Nantucket Place, 310 LF of 8" waterline will also be bored under Liberty Avenue, and will be protected in a 16" steel casing. All driveway and roadway pavement will be replaced in kind and all disturbed tree lawns will be re-graded and seeded.

- C: PHYSICAL DIMENSIONS (Describe the physical dimensions of the existing facility and the proposed facility. Include length, width, quantity and sizes, mgd capacity, etc in detail.) 500 character limit.

The project will include abandoning 1,900 LF of existing 12" waterline; installation of 1,900 LF of 12" C909 watermain; 6 line valves; 4 hydrant assemblies; and 340 LF of 8" watermain of which 310 LF will be bored under Liberty Avenue. The project will also include restoration of 1,378 SY of grass areas/treelawns, 662 SY of asphalt and concrete pavement, and 219 SY of sidewalk replacement.

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

Name: Jim Forthofer
Title: Mayor
Address: 5511 Liberty Avenue

City: Vermilion State: OH Zip: 44089
Phone: (440) 204-2402
FAX: (440) 204-2411
E-Mail: JimForthofer@vermilion.net

5.2 Chief Financial Officer (Can not also serve as CEO)

Name: Amy L. Hendricks
Title: Director of Finance
Address: 5511 Liberty Avenue

City: Vermilion State: OH Zip: 44089
Phone: (440) 204-2425
FAX: (440) 204-2423
E-Mail: amyhendricks@vermilion.net

5.3 Project Manager

Name: Tony Valerius
Title: Director of Public Services
Address: 5511 Liberty Avenue

City: Vermilion State: OH Zip: 44089
Phone: (440) 204-2424
FAX: (440) 204-2411
E-Mail: tonyvalerius@vermilion.net

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.
- A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- Farmland Preservation Review - The Governor's Executive Order 98-IV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.
- Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.
- Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Jim Forthofer, Mayor

Certifying Representative (Printed form, Type or Print Name and Title)



Original Signature / Date Signed

9.5.19

Liberty Avenue 12” Watermain Replacement, Phase 1

City of Vermilion, Ohio

Index of Attachments

Authorizing Legislation

Chief Financial Officer’s Certification of Local Funds

Detailed Cost Estimate/Useful Life Statement

Project Location Map

Project Schematic

Project Narrative

Ohio EPA Letter Regarding Partial Resolution of Violation

City of Vermilion 10-Year Watermain Replacement Program

District 5 Capital Improvement Projects Questionnaire Round 34

RECORD OF ORDINANCES

DARRETT BROTHERS - DAYTON, OHIO

Form 8220S

Ordinance No. 2019R-¹³

Passed _____

A RESOLUTION AUTHORIZING THE MAYOR TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT PROGRAM AND/OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED.

WHEREAS, the City of Vermilion of Lorain and Erie County, Ohio met this 12th day of August 2019 in special session with the following members present:

- John Gabriel, Ward One
- Frank Loucka, Ward Two
- Steve Holovacs, Ward Three
- Barb Brady, Ward Four
- Brian Holmes, Ward Five
- Monica Stark, Council at Large
- Steve Herron, Council President

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, the City of Vermilion is planning to make capital improvements to the Liberty Avenue Water Line Project (From Vermilion Road East to South Shore Court); and

WHEREAS, the infrastructure improvement herein above described is considered to be a priority need for the community and is a qualified project under the OPWC programs,

BE IT RESOLVED by the Council of the City of Vermilion, Counties of Erie and Lorain, State of Ohio:

SECTION 1: That the Mayor of the City of Vermilion, Ohio is hereby authorized to apply to the OPWC for funds as described above; and

SECTION 2: That the Mayor is further authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance; and

THAT, this City of Vermilion hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Board; and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Revised Code.

WHEREFORE, this Resolution is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health, safety, and welfare for the further reason that the City needs to apply and pursue all grants available; wherefore this Resolution shall be in full force and effect from and immediately after its passage and approval by the Mayor.

PASSED: 8/12, 2019

ATTEST: 8/13, 2019

APPROVED: 8/13, 2019

Steve Herron
Steve Herron, President of Council

Gwen Fisher
Gwen Fisher, Clerk of Council

Jim Forthofer
Jim Forthofer, Mayor

THE CITY OF VERMILION



James Forthofer, Mayor

CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS / LOAN REPAYMENT LETTER

September 5, 2019

I, Amy Hendricks, Finance Director of the City of Vermilion, hereby certify that the City of Vermilion has the amount of \$357,189 in the Water Fund (601) and that this amount will be used to pay the local share for the Liberty Avenue 12" Watermain Replacement, Phase 1 Project when it is required.

A handwritten signature in blue ink that reads "Amy L. Hendricks". The signature is written in a cursive, flowing style.

Amy L. Hendricks
Finance Director
City of Vermilion, Ohio
5511 Liberty Avenue
Vermilion, Ohio 44089
Phone: (440) 204-2425
Fax: (440) 204-2423
E-mail: amyhendricks@vermilion.net

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 1
CITY OF VERMILION
DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

August 29, 2019

LINE ITEM	ODOT ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	TOTAL UNIT COST	TOTAL COST
WATERLINE REPLACEMENT						
1	202/638	EXISTING WATERMAIN ABANDONED IN PLACE AND CAPPED WITH BULKHEADS AT ALL CUT ENDS (BEGINNING AT VERMILION ROAD AND ENDING AT SOUTH SHORE COURT)	1.00	LUMP	\$ 7,500.00	\$ 7,500.00
2	202/638	HYDRANT ASSEMBLY AND VALVE REMOVED AND DELIVERED TO CITY	4.00	EACH	\$ 650.00	\$ 2,600.00
3	202/638	EXISTING 12" WATER VALVE ASSEMBLY REMOVED	1.00	EACH	\$ 325.00	\$ 325.00
4	638	12" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL AND ALL BENDS	1900.00	L.F.	\$ 85.00	\$ 161,500.00
5	638	10" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL, NEAT SAWCUT THROUGH PAVEMENT AND ALL BENDS	75.00	L.F.	\$ 80.00	\$ 6,000.00
6	638	8" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL, NEAT SAWCUT THROUGH PAVEMENT AND ALL BENDS	30.00	L.F.	\$ 75.00	\$ 2,250.00
7	638	8" C-909 WATERLINE BORED IN 16" STEEL CASING - 4 LOCATIONS (INCL. EXCAVATION, BEDDING, PREMIUM BACKFILL, BENDS & FITTINGS, BORING PITS AND COUPLING CONNECTIONS)	310.00	L.F.	\$ 275.00	\$ 85,250.00
8	638	6" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL, NEAT SAWCUT THROUGH PAVEMENT AND ALL BENDS	10.00	L.F.	\$ 80.00	\$ 800.00
9	638	4" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL, NEAT SAWCUT THROUGH PAVEMENT AND ALL BENDS	20.00	L.F.	\$ 70.00	\$ 1,400.00
10	638	HYDRANT ASSEMBLY, INCLUDING TEE AND 6" HYDRANT VALVE, COMPLETE IN PLACE	4.00	EACH	\$ 5,000.00	\$ 20,000.00
11	638	12" LINE VALVE AND VALVE BOX COMPLETE IN PLACE	6.00	EACH	\$ 1,600.00	\$ 9,600.00
12	638	8"X4" REDUCER, COMPLETE IN PLACE	2.00	EACH	\$ 600.00	\$ 1,200.00
13	638	8"X6" REDUCER, COMPLETE IN PLACE	1.00	EACH	\$ 600.00	\$ 600.00
14	638	12"X10" REDUCER, COMPLETE IN PLACE	1.00	EACH	\$ 750.00	\$ 750.00
15	638	6" LINE VALVE AND VALVE BOX COMPLETE IN PLACE	2.00	EACH	\$ 1,150.00	\$ 2,300.00
16	638	8" LINE VALVE AND VALVE BOX COMPLETE IN PLACE	5.00	EACH	\$ 1,500.00	\$ 7,500.00
17	638	12"X12"X8" TEE, COMPLETE IN PLACE	5.00	EACH	\$ 650.00	\$ 3,250.00
18	638	12"X12"X6" TEE, COMPLETE IN PLACE	2.00	EACH	\$ 650.00	\$ 1,300.00
19	638	8"X8"X8" TEE, COMPLETE IN PLACE	1.00	EACH	\$ 550.00	\$ 550.00
20	638	WATER LATERAL RECONNECTION, (INCLUDING CURB BOXES AND RECONNECTION TO WATERMAIN)	8.00	EACH	\$ 1,500.00	\$ 12,000.00
21	638	HYDROSTATIC TESTING	2345.00	L.F.	\$ 1.00	\$ 2,345.00
WATERLINE REPLACEMENT TOTAL						\$ 329,020.00

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 1
 CITY OF VERMILION
 DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

August 29, 2019

LINE ITEM	ODOT ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	TOTAL UNIT COST	TOTAL COST
PAVEMENT RESTORATION						
22	202	PAVEMENT REMOVAL, INCL NEAT SAWCUT AND OFFSITE DISPOSAL (T=9" AVERAGE ASSUMED)	234.00	S.Y.	\$ 10.00	\$ 2,340.00
23	204	SUBGRADE COMPACTION	234.00	S.Y.	\$ 1.00	\$ 234.00
24	301	ASPHALT CONCRETE BASE, PG64-22, T=10" AVERAGE	62.00	C.Y.	\$ 225.00	\$ 13,950.00
25	304	LIMESTONE AGGREGATE BASE, T=8" AVERAGE, AS NEEDED FOR AGGREGATE BASE RESTORATION	50.00	C.Y.	\$ 45.00	\$ 2,250.00
26	304	LIMESTONE AGGREGATE BASE, T=6" AVERAGE, AS NEEDED FOR AGGREGATE BASE RESTORATION	2.00	C.Y.	\$ 45.00	\$ 90.00
27	452	NON-REINFORCED CONCRETE PAVEMENT, MS T=8"	11.00	S.Y.	\$ 205.00	\$ 2,255.00
28	407	TACK COAT, TRACKLESS TACK (.06GAL/SQ YD AVERAGE)(2 APPLICATIONS)	27.00	GAL	\$ 10.00	\$ 270.00
29	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22, T=1-3/4"	11.00	C.Y.	\$ 300.00	\$ 3,300.00
30	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22, T=1-1/4"	8.00	C.Y.	\$ 300.00	\$ 2,400.00
PAVEMENT RESTORATION TOTAL						\$ 27,089.00
ASPHALT DRIVE RESTORATION						
31	202	PAVEMENT REMOVAL, T=VARIES	166.00	S.Y.	\$ 10.00	\$ 1,660.00
32	204	SUBGRADE COMPACTION	166.00	S.Y.	\$ 1.00	\$ 166.00
33	301	ASPHALT CONCRETE BASE, PG 64-22, T=3"	14.00	C.Y.	\$ 275.00	\$ 3,850.00
34	407	TACK COAT, TRACKLESS TACK (.06GAL/SQ YD AVERAGE)	20.00	GAL	\$ 10.00	\$ 200.00
35	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22, T=1-3/4"	8.00	C.Y.	\$ 300.00	\$ 2,400.00
36	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 PG64-22, T=1 1/4"	6.00	C.Y.	\$ 300.00	\$ 1,800.00
ASPHALT DRIVE RESTORATION TOTAL						\$ 10,076.00

**LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 1
CITY OF VERMILION
DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT**

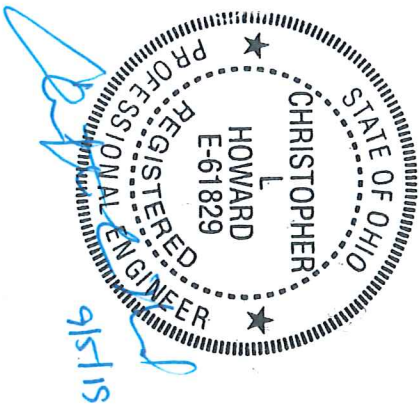
LINE ITEM	ODOT ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	TOTAL UNIT COST	TOTAL COST
CONCRETE DRIVE RESTORATION						
37	202	PAVEMENT REMOVAL, T=VARIES	262.00	S.Y.	\$ 10.00	\$ 2,620.00
38	204	SUBGRADE COMPACTION	262.00	S.Y.	\$ 1.00	\$ 262.00
39	452	NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, T=6"(MODERATE SET)	262.00	S.Y.	\$ 55.00	\$ 14,410.00
CONCRETE DRIVE RESTORATION TOTAL						\$ 17,292.00
SIDEWALK RESTORATION						
40	202	WALK REMOVAL, T=4" AVG.	1972.00	S.F.	\$ 1.00	\$ 1,972.00
41	204	SUBGRADE COMPACTION	219.00	S.Y.	\$ 1.00	\$ 219.00
42	608	CONCRETE WALK, MS (T=4")	1972.00	S.F.	\$ 6.00	\$ 11,832.00
43	608	ADA RAMPS, COMPLETE IN PLACE	7.00	EA	\$ 500.00	\$ 3,500.00
SIDEWALK RESTORATION TOTAL						\$ 17,523.00
MISCELLANEOUS						
44	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1.00	LUMP	\$ 5,000.00	\$ 5,000.00
45	624	MOBILIZATION	1.00	LUMP	\$ 15,000.00	\$ 15,000.00
46	SPEC	REMOVAL OF MAILBOX AND REERECTION	5.00	E.A.	\$ 150.00	\$ 750.00
47	614	MAINTENANCE OF TRAFFIC	1.00	LUMP	\$ 20,000.00	\$ 20,000.00
48	659	RESTORATION (INCL. TOPSOIL, SEEDING AND MULCHING)	1,378.00	S.Y.	\$ 10.00	\$ 13,780.00
MISCELLANEOUS TOTAL						\$ 54,530.00

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 1
 CITY OF VERMILION
 DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

August 29, 2019

LINE ITEM	ODOT ITEM	ITEM DESCRIPTION	ESTIMATED QUANTITY	UNIT	TOTAL UNIT COST	TOTAL COST
LIBERTY AVENUE WATERMAIN REPLACEMENT SUBTOTAL					\$	455,530.00
10% CONTINGENCY (TO BE USED AS AUTHORIZED BY THE CITY OF VERMILION)					\$	45,553.00
LIBERTY AVENUE WATERMAIN REPLACEMENT GRAND TOTAL					\$	501,083.00

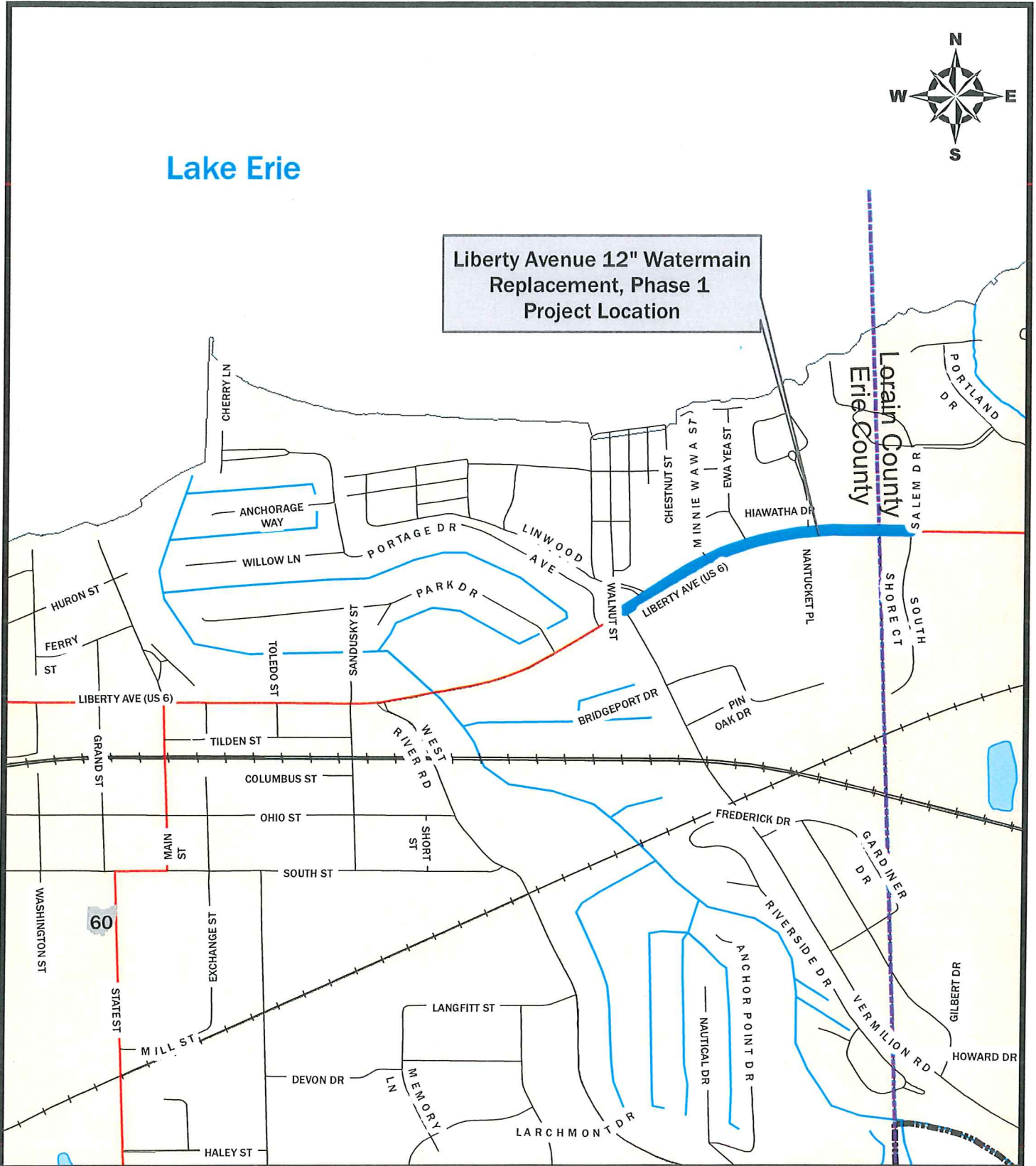
THE ESTIMATED USEFUL LIFE OF THE LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 1 PROJECT IS 25 YEARS





Liberty Avenue 12" Watermain Replacement, Phase 1 Project Location Map

Vermilion, Ohio





Liberty Avenue 12" Watermain Replacement, Phase 1 Vermilion, Ohio

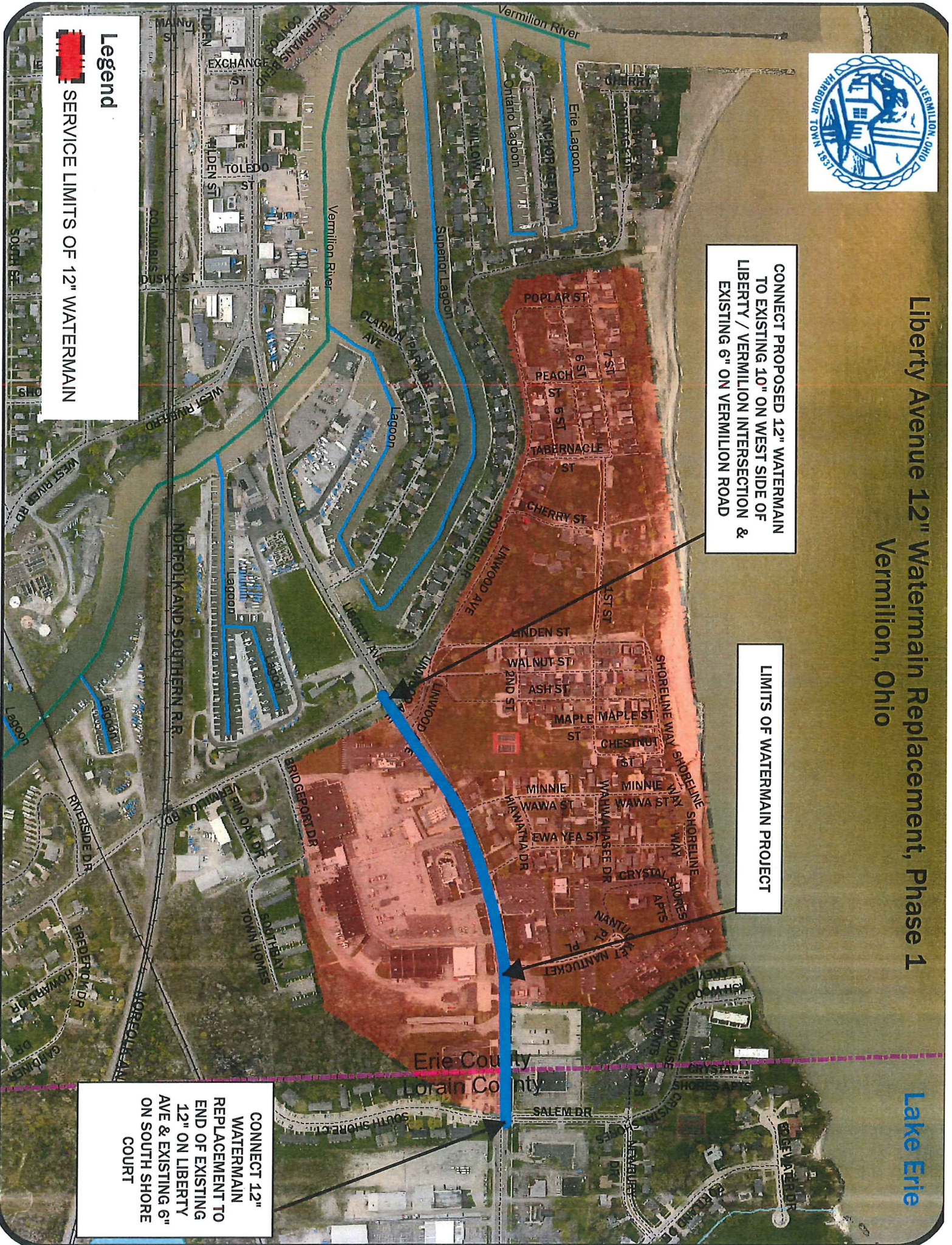
Lake Erie

CONNECT PROPOSED 12" WATERMAIN TO EXISTING 10" ON WEST SIDE OF LIBERTY / VERMILION INTERSECTION & EXISTING 6" ON VERMILION ROAD

LIMITS OF WATERMAIN PROJECT

CONNECT 12" WATERMAIN REPLACEMENT TO END OF EXISTING 12" ON LIBERTY AVE & EXISTING 6" ON SOUTH SHORE COURT

Legend
SERVICE LIMITS OF 12" WATERMAIN



Liberty Avenue 12" Watermain Replacement, Phase 1

Project Narrative

The project limits of the Liberty Avenue 12" Watermain Replacement, Phase 1 project begins at Vermilion Road and terminates at South Shore Court. The project is located almost entirely on the eastern side of the City in Erie County, with a small section extending into Lorain County. Currently, there is an existing 65-year old 12" waterline that runs along the south side of Liberty Avenue for approximately 1,900'. Since 2003, the City has had to repair twelve (12) watermain breaks within these project limits, most recently within the last month.

The City of Vermilion has been ordered by the Ohio EPA to resolve pressure problems in the distribution system to allow the City to increase the volume of water stored in the elevated water tower (see attached letter dated July 11, 2019, Item 4 of Outstanding Significant Deficiencies).

In response to the OEPA, the City of Vermilion had a Water Distribution System Steady State Analysis performed. The Steady State Analysis showed that the existing Highbridge Road water tower could be filled to its maximum storage height with acceptable pressure increases in the City system. However, the reality is that without replacing some of the watermains in the system the additional pressure increases would cause water main breaks within the system.

In addition to the Steady State Analysis, the City was required to provide a proposed 10-year Watermain Replacement Program and Schedule (see attached). As shown in the 10-year Water Main Replacement Program, the Liberty Avenue watermain from Vermilion Road to South Shore Court is on the priority list for 2020. The number of households directly served by this watermain replacement consists of 40 commercial businesses and 325 residential dwellings.

The proposed project will include the abandoning in place of the existing 12" waterline along Liberty Avenue and installing a new 12" C909 Waterline along the southside of Liberty Avenue from Vermilion Road to South Shore Court. It also includes 4 bores under Liberty Avenue to provide services to properties along the north side.

This project will have no impact to farmland.



Mike DeWine, Governor
Jon Husted, Lt. Governor
Laurie A. Stevenson, Director

July 11, 2019

Re: Vermillion City
Notice of Violation (NOV)
Related Correspondence
Drinking Water
Erie County
PWS ID: OH2201511

Mr. Anthony Valerius
Vermillion City
5511 Liberty Avenue
Vermillion, Ohio 44089

Subject: Partial Resolution of Violation - Facility ID#2253917, COMM

Dear Mr. Valerius:

Thank you for your May 24, 2019, May 31, 2019, and June 24, 2019, responses to Ohio EPA's January 17, 2019, Notice of Violation (NOV) letter regarding the sanitary survey conducted on December 5 and 6, 2018. I have reviewed this documentation and determined that Vermillion has adequately resolved the following violations discovered during the December 5 and 6, 2018 sanitary survey. Violations #7, #9, and #10 from the January 17, 2019, NOV letter were resolved in the March 21, 2019, Partial Resolution of Violation letter. Vermillion's response and their status with respect to each of the remaining violations are listed below.

Partial Resolution of Violation

1. Letter citation #2. On multiple visits during 2017, Dixon completed an inspection and evaluation of the integrity of the structure of the whole water treatment plant building including the flocculation basins, sedimentation basins, filter gallery, clearwells, and the area of the high service pumps. Dixon recommended that the deteriorating concrete manways and vault at Clearwell #4 be removed and replaced and that the termination of the membrane roof to the exterior wall be repaired. Ohio EPA required that Vermillion provide a schedule for completing the repairs.

On February 15, 2019, this office was notified that the manways and vault at Clearwell #4 were repaired.

On June 24, 2019, Ohio EPA received Vermillion's response which stated that the membrane roof on Clearwell #4 was repaired and included photographic documentation. Therefore, this violation has been resolved.

2. Letter citation #5 and OAC Rule 3745-85-01, "Each community system...shall prepare and maintain a written contingency plan.

When routine methods of delivery or treatment are compromised, the contingency plan shall provide for the protection of public health to the extent possible, through actions including but not limited to the notification of users, including the direct notification of critical users, the provision of alternate sources of water and the restoration of service."

On May 31, 2019, Vermilion submitted a copy of the contingency plan with all the required revisions. Therefore, this violation has been resolved.

3. Letter citation #6 and OAC Rule 3745-81-50(B)(5), "Each public water system shall identify repeat monitoring locations in the sample siting plan. Such plans are subject to review and revision by the director... the system shall monitor with at least one repeat sample from the sampling tap where the original total coliform-positive sample was taken, and at least one repeat sample at a tap within five service connections upstream and at least one repeat sample at a tap within five service connections downstream of the original sampling site."

In accordance with OAC Rule 3745-81-50(B)(5)(a), "A system may propose repeat monitoring locations to the director that the system considers to be representative of a pathway for contamination of the distribution system. A system may elect to specify either alternative fixed locations or criteria for selecting repeat sampling sites on a situational basis in a standard operating procedure (SOP) in the system's sample siting plan. The system shall design the SOP to focus the repeat samples at locations that best verify and determine the extent of potential contamination of the distribution system area based on specific situations."

On May 24, 2019, Vermilion submitted a copy of the sample siting plan to this office to this office. The sample siting plan contained all of the required information. Therefore, this violation has been resolved.

Outstanding Significant Deficiencies

4. Letter citation #1. During the 2015 survey, the City only utilized approximately 1/3 of the volume of the elevated tower for finished water storage due to problems with pressure in the distribution system. The City was required to resolve pressure problems to allow for the increase in the volume of water stored in the elevated tower to reduce the risk of pressure loss and increase the flexibility in plant operations. The City was also required to submit a scope of work necessary to restore the distribution system to a reliable condition.

On September 29, 2017, Ohio EPA received a letter and three exhibits from the former Vermilion City Engineer, Ms. Lynn S. Miggins, P.E. The documentation included a 25-year water main replacement schedule for waterline repairs. As part of this water main replacement program, the City has replaced the water main on Main Street from the Beachwell to Liberty Avenue, has completed the Highbridge Road water main replacement project, and is planning the Adams Street waterline replacement project for 2019. The City increased water rates in 2017 and again in December 2018. Reportedly, loan money that has been obtained and the December 2018, water rate adjustment are both solely intended to fund distribution system improvements.

The City has increased utilization of the elevated water tower to approximately 2/3 full. However, the city experienced an unacceptably high number of water main breaks in 2018 (an estimated 45), potentially due to increased pressure from the elevated water tower storage. Also, recent unaccounted for water loss has been highly variable. The percentage of unaccounted water loss was as low as 9% at the beginning of 2018 but was unacceptably high through the remainder of the year (the exact percentage has not been calculated). Although storage in the elevated tower has increased, the distribution system is still unreliable and in need of improvements.

On February 15, 2019, Ohio EPA received Vermilion's response which stated that the City is in the process of performing a Steady-State Analysis of the water distribution system using the EPANET Program. This analysis is expected to take two months to complete and will be used to develop a 10-year main repair/replacement program. The City committed to completing the analysis and development of the repair/replacement program by July 31, 2019.

(a) As of March 18, 2019, the information provided by Vermilion was not sufficient to resolve this significant deficiency. Therefore, this significant deficiency has not been resolved.

(b) Submit documentation of the results of the Steady-State Analysis and a copy of the main repair/replacement program to this office by July 31, 2019.

5. Letter citation #3 and OAC Rule 3745-83-01(H)(1), "The owner and operator shall ensure that all facilities and equipment necessary for the treatment and distribution of water shall be maintained, at a minimum so as to function as intended."

Vermilion City does not have a valve exercising program. Working valves are critical components of a reliable water system. This lack of maintenance could result in a major disruption of service.

- (a) As of March 18, 2019, the information provided by Vermilion was not sufficient to resolve this significant deficiency. Therefore, this significant deficiency has not been resolved.
 - (b) On February 15, 2019, Ohio EPA received Vermilion's response which stated that the City is committed to purchasing a valve exercising machine within the first half of 2019 and is currently gathering GPS coordinates of each valve so that they can be mapped into a GIS program for tracking purposes. The City committed to developing a formal, written five-year valve exercising plan by September 1, 2019.
 - (c) **By September 1, 2019, submit a written description of the program to this office for review.**
 - (d) **By September 1, 2019, submit the date to this office when Vermilion began exercising valves.**
 - (e) **By September 1, 2019, submit documentation to this office of at least one critical valve exercise.**
6. Letter citation #4 and OAC Chapter 3745-87, Asset Management Program, "In order to ensure the long-term viability of public water systems, all public water systems shall demonstrate the managerial, technical, and financial capability of the public water system to comply with this chapter and rules adopted thereunder. Demonstration of capability shall be made through a written description of an asset management program that is acceptable to the director."
- (a) As of March 18, 2019, the information provided by Vermilion was not sufficient to resolve this significant deficiency. Therefore, this significant deficiency has not been resolved.
 - (b) On February 15, 2019, Ohio EPA received Vermilion's response which stated that the asset management plan is currently being formulated and will be fully implemented by September 1, 2019.
 - (c) **Submit a written description of the asset management program to this office by September 1, 2019.**

Failure to correct a significant deficiency violation in accordance with a schedule accepted by the Director represents a treatment technique violation and the water system would be required to issue a Tier 2 public notice to their water consumers.

Outstanding Notice of Violation

7. Letter citation #8 and OAC 3745-95-09(A)(1) "Yard hydrants with weep holes used for human consumption installed on a public water system are prohibited unless the weep holes are sealed."

(a) As of May 24, 2019, the information provided by Vermilion was not sufficient to resolve this violation. Therefore, this violation has not been resolved.

(b) On February 15, 2019, Ohio EPA received Vermilion's response which stated that use of all known yard hydrants within the distribution system has been discontinued.

(c) The use of any known yard hydrants in the distribution system has been discontinued; however, the backflow risk from these devices still exists.

(d) Select one of the following actions to address the risk for each yard hydrant:

- **Remove the yard hydrant and line serving it;**
- **Replace the hydrant with a sanitary yard hydrant that does not have weep holes;**
- **Seal the weep holes and make provisions to drain the line for the winter (only if the hydrant provides water for human consumption); or**
- **Install a reduced pressure principle backflow prevention device on the line that serves the hydrant and clearly label the hydrant as "non-potable" or "not for human consumption." Annual testing of the backflow device is required. [OAC Rule 3745-95-09]**

(e) Vermilion submitted a plan for addressing yard hydrants on April 17, 2019. The plan committed to replacing the yard hydrant at the lift station with a sanitary yard hydrant by June 1, 2019 and replacing all municipally owned yard hydrants by September 1, 2019. The City will address all privately-owned yard hydrants in the distribution system as they are identified.

(f) On May 24, 2019, Ohio EPA received photographic documentation of the former yard hydrant at the lift station being replaced with a sanitary yard hydrant.

Mr. Anthony Valerius
July 11, 2019
Page 5

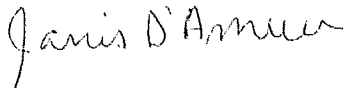
(g) Submit a statement that all municipally owned yard hydrants haven been removed or replaced by September 1, 2019.

Conclusion

Please be advised that violations cited above will continue until the violations have been properly resolved. Failure to comply with Chapter 6109 of the Ohio Revised Code and rules promulgated thereunder may result in an administrative or civil penalty of up to \$25,000 per day for each violation. It is imperative that you return to compliance. If circumstances delay the resolution of violations, Vermilion City is requested to submit written correspondence of the steps that will be taken to attain compliance.

Should you have any questions, please feel free to contact me by phone at (419) 373-3108 or email at janis.damico@epa.ohio.gov.

Sincerely,



Janis D'Amico
Environmental Specialist
Division of Drinking and Ground Waters

/cle

pc: James Forthofer, Mayor
Eugene Baker, ORC
Erie County Health Department.

ec: Andy Barienbrock, Manager, DDAGW-CO
Laura Sullivan, Supervisor, DDAGW-NWDO
Natalie Bickhart, DDAGW-CO
Justin Bowerman, DDAGW-NWDO
Eugene Baker, ORC
Tony Valerius, Service Director
Lara Schramm, DDAGW-NWDO

PROPOSED 10-YEAR WATER MAIN REPLACEMENT PROGRAM
CITY OF VERMILION

July 31, 2019

WATER MAIN REPLACEMENT PROJECTS	LIMITS OF PROJECT	SIZE	LENGTH	MATERIAL	UNIT COST	TOTAL COST
SANFORD STREET, PHASE 1	HOLLYVIEW DRIVE TO SOUTHWIEW COURT	6" UPSIZED TO 8"	2,000	C909	\$ 228.00	\$ 456,000.00
LIBERTY AVENUE, PHASE 1	VERMILION ROAD TO SOUTH SHORE COURT	12" REPLACEMENT	1,900	C909	\$ 260.00	\$ 494,000.00
LIBERTY AVENUE, PHASE 2	SOUTH SHORE COURT TO NIAGARA ROAD	12" REPLACEMENT	2,500	C909	\$ 300.00	\$ 750,000.00
LIBERTY AVENUE, PHASE 3	ADAMS STREET TO DECATUR STREET	6" UPSIZED TO 12"	2,300	C909	\$ 359.00	\$ 710,700.00
LIBERTY AVENUE, PHASE 4	ALDRICH ROAD TO OVERLOOK ROAD	12" REPLACEMENT	2,200	C909	\$ 318.00	\$ 699,600.00
LIBERTY AVENUE, PHASE 5	OVERLOOK ROAD TO WOODSIDE AVENUE	12" REPLACEMENT	2,100	C909	\$ 326.00	\$ 684,600.00
ALDRICH ROAD	BERKLEY ROAD TO EDGEWATER DRIVE	4" & 6" UPSIZED TO 8"	1,800	C909	\$ 265.00	\$ 477,000.00
DECATUR STREET	SOUTH STREET TO SOUTHERN RAILROAD TRACK	4" UPSIZED TO 8"	550	C909	\$ 265.00	\$ 145,750.00
DOUGLAS STREET	SOUTH STREET TO HALEY STREET	8" REPLACEMENT	1,800	C909	\$ 273.00	\$ 491,400.00
WEST RIVER ROAD	LIBERTY AVENUE TO SOUTH STREET	10" & 12" REPLACEMENT	1,170	C909	\$ 311.00	\$ 363,870.00
EDGEWATER DRIVE, PHASE 1	ALDRICH ROAD TO OVERLOOK ROAD	6" UPSIZED TO 8"	2,500	C909	\$ 290.00	\$ 725,000.00
EDGEWATER DRIVE, PHASE 2	OVERLOOK ROAD TO EAST SIDE OF SHOWSE PARK	6" UPSIZED TO 8"	2,500	C909	\$ 298.00	\$ 745,000.00
HAZLEWOOD DRIVE	LIBERTY AVENUE TO BOYNTON ROAD	4" UPSIZED TO 8"	2,000	C909	\$ 304.00	\$ 608,000.00
TOTAL ESTIMATED REPLACEMENT COST						\$ 7,350,920.00

NOTE:
ESTIMATED COSTS INCLUDE ENGINEERING DESIGN (10%), CONSTRUCTION ADMINISTRATION AND INSPECTION (10%) AND INFLATION (PER ODOT'S INFLATION CALCULATOR)

PREPARED BY:



PROPOSED 10-YEAR WATER MAIN REPLACEMENT PROGRAM
CITY OF VERMILION

July 31, 2019

WATER MAIN REPLACEMENT PROJECTS	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
SANFORD STREET, PHASE 1	\$ 456,000.00										
LIBERTY AVENUE, PHASE 1	\$ 494,000.00										
LIBERTY AVENUE, PHASE 2		\$ 750,000.00									
LIBERTY AVENUE, PHASE 3			\$ 710,700.00								
LIBERTY AVENUE, PHASE 4				\$ 699,600.00							
LIBERTY AVENUE, PHASE 5					\$ 684,600.00						
ALDRICH ROAD						\$ 477,000.00					
DECATUR STREET						\$ 145,750.00					
DOUGLAS STREET							\$ 491,400.00				
WEST RIVER ROAD								\$ 363,870.00			
EDGEWATER DRIVE, PHASE 1									\$ 725,000.00		
EDGEWATER DRIVE, PHASE 2										\$ 745,000.00	
HAZLEWOOD DRIVE											\$ 608,000.00
ESTIMATED PROJECT COST PER YEAR	\$ 950,000.00	\$ 750,000.00	\$ 710,700.00	\$ 699,600.00	\$ 684,600.00	\$ 622,750.00	\$ 491,400.00	\$ 363,870.00	\$ 725,000.00	\$ 745,000.00	\$ 608,000.00

PREPARED BY:



**DISTRICT 5
CAPITAL IMPROVEMENT PROJECTS
QUESTIONNAIRE
ROUND 34**

Name of Applicant: City of Vermilion, Ohio

Project Title: Liberty Avenue 12" Watermain Replacement, Phase 1

The following questions are to be answered for each application submitted for State Issue II SCIP, LTIP and Loan Projects. Please provide specific information using the best documentation available to you. Justification of your responses to these questions will be required if your project is selected for funding, so please provide correct and accurate responses. **Communities and Townships under 5,000 in population should also complete the Small Government Criteria.**

1. What percentage of the project in repair A= __%, replacement B=100%, expansion C= __%, and new D= __%? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= __% C+D= __%

Repair/Replacement = Repair or Replacement of public facilities owned by the government (any subdivision of the state).

New/Expansion = Replacement of privately owned wells, septic systems, private water or wastewater systems, etc.

2. Give the physical condition rating:

Closed or Not Operating: The condition is unusable, dangerous and unsafe. The primary components have failed. The infrastructure is not functioning at all.

Critical:

The condition is causing or contributing to a serious non-compliance situation and is threatening the intended design level of service. The infrastructure is functioning at seriously diminished capacity. Imminent failure is anticipated within 18 months. Repair and/or replacement is required to eliminate the critical condition and meet current design standards. **(For Road Projects structural repair items would represent a minimum of 25% of the total Project Cost).**

Poor: The condition is substandard and requires repair/replacement in order to return to the intended level of service and comply with current design standards. Infrastructure contains a major deficiency and is functioning at a diminished capacity.

Fair: The condition is average, not good or poor. The infrastructure is still functioning as originally intended. Minor deficiencies exist requiring repair to continue to function as originally intended and/or to meet current design standards.

Good: The condition is safe and suitable to purpose. Infrastructure is functioning as

originally intended, but requires minor repairs and/or upgrades to meet current design standards.

Excellent: The condition is new, or requires no repair. Or, no supporting documentation has been submitted.

* **In order to receive points provide supporting documentation (e.g. photos, a narrative, maintenance history, or third party findings) to justifying the rating.**

3. If the proposed project is not approved what category would best represent the impact on the general health and/or public safety?

ROADS

Extremely Critical: Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Major Access Road.*

Critical: Resurfacing, Restoration and Rehabilitation (3R) of a Major Access Road.*

Major: Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor Access Road.*

Moderate: Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*

Minimal: Preventative Maintenance of a Major Access Road.

No Impact: Preventative Maintenance of a Minor Access Road.

Projects that have a variety of work will be scored in the LOWEST category of work contained in the Construction Estimate.

Road/Street Classifications:

Major Access Road: Roads or streets that have a dual function of providing access to adjacent properties and providing through or connecting service between other roads.

Minor Access Road: Roads or streets that primarily provide access to adjacent properties without through continuity, such as cul-de-sacs or loop roads or streets.

Preventative Maintenance: Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.

*(3R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. (Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3" of additional pavement, ect...)

*(4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, **overlays with greater than 3" of additional pavement**, etc.).

BRIDGES SUFFICIENCY RATING

- Extremely Critical: 0-25, or a General Appraisal rating of 3 or less.
- Critical: 27-50, or a General Appraisal rating of 4.
- Major: 51-65 or a General Appraisal rating of 5 or 6.
- Moderate: 66-80 or a General Appraisal rating of 7.
- Minimal: 81-100 or a General Appraisal rating of more than 7.
- No Impact: Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

- Extremely Critical: Environmental Protection Agency (EPA) orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
- Critical: Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
- Major: Replace deficient appurtenances. Update existing processes due to EPA recommendations.
- Moderate: Increase capacity to meet current needs or update processes to improve effluent quality.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

- Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order.
- Critical: Improvements to meet Environmental Protection Agency (EPA) Safe Drinking Water Regulations and/or NPDES Orders.
- Major: Replace deficient appurtenances. Update existing processes due to EPA recommendations.
- Moderate: Increase capacity to meet current needs or update processes to improve water quality.
- Minimal: New/Expansion project to meet a specific development proposal.

No Impact: New/Expansion to meet future or projected needs.

COMBINED SEWER SEPARATIONS (May be construction of either new storm or sanitary sewer as long as the result is two separate sewer systems.)

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.

Critical: Separate, due to chronic backup or flooding in basements.

Major: Separate, due to documented water quality impairment, or due to EPA recommendations.

Moderate: Separate, due to specific development proposal within or upstream of the combined system area.

Minimal: Separate, to conform to current design standards.

No Impact: No positive health effect.

STORM SEWERS

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order.

Critical: Chronic flooding (structure damage).

Major: Inadequate capacity (land damage).

Moderate: Inadequate capacity with no associated damage.

Minimal: New/Expansion to meet current needs.

No Impact: New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical: Structurally deficient or functionally obsolete. Deterioration has already caused a safety Critical: hazard to the public.

Critical: Inadequate capacity with land damage and the existing or high probability of property damage.

Major: Inadequate capacity (land damage).

Moderate: Inadequate capacity with no associated damage.

Minimal: New/Expansion to meet current needs.

No Impact: New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical: EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.

Critical: Replace, due to chronic pipe failure, chronic backup or flooding in basements. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.

Major: Replace, due to inadequate capacity or infiltration, or due to EPA recommendations.

Moderate: Rehabilitate to increase capacity to meet current needs or to reduce inflow and infiltration.

Minimal: New/Expansion project to meet a specific development proposal.

No Impact: New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

Extremely Critical: Structurally deficient. Deterioration has already caused a safety/health hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.

Critical: Inadequate capacity with actual or a high probability of property damage. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.

Major: EPA recommendations, or, reduces a probable health and/or safety problem.

Moderate: Rehabilitate to increase capacity to meet current needs.

Minimal: New/Expansion to meet a specific development proposal.

No Impact: New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

Extremely Critical: Structurally deficient. Deterioration has already caused a safety hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.

Critical: Inadequate capacity with the inability to maintain pressure required for fire flows.

Major: Replace due to inadequate capacity or EPA recommendations.

- Moderate: Rehabilitate to increase capacity to meet current needs.
- Minimal: New/Expansion to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

WATER LINES/WATER TOWERS

- Extremely Critical: Solve low water pressure or excessive incidents of main breaks in project area.
- Critical: Replace, due to deficiency such as excessive corrosion, etc.
- Major: Replace undersized water lines as upgrading process.
- Moderate: Increase capacity to meet current needs.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

OTHER

- Extremely Critical: There is a present health and/or safety threat.
- Critical: The project will provide immediate health and/or safety benefit.
- Major: The project will reduce a probable health and/or safety problem.
- Moderate: The project will delay a health and/or safety problem.
- Minimal: A possible future health and/or safety problem mitigation.
- No Impact: No health and/or safety effect.

NOTE: Combined projects that can be rated in more than one subset may be rated in the other category at the discretion of the District 5 Executive Committee. In general, the majority of the cost or scope of the project shall determine the category under which the project will be scored.

(Submittals without supporting documentation will receive 0 Points for this question.)

Extremely Critical ____, Critical ____, Major ____, Moderate ____, Minimal ____, No Impact ____. Explain your answer.

(Additional narrative, charts and/or pictures should be attached to questionnaire)

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost.

A.) Amount of Local Funds = \$ 357,189

B.) Total Project Cost = \$ 593,189

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A/B)= 60 %

Note: Local funds should be considered funds derived from the applicant budget or loans funds to be paid back through local budget, assessments, rates or tax revenues collected by the applicant.

5. Identify the amount of other funding sources to be used on the project, excluding State Issue II or LTIP Funds, as a percentage of the total project cost.

Grants ___% Gifts ___%, Contributions ___%

Other ___% (explain) _____, Total 0 %

Note: Grant funds and other revenues not contributed or collected through taxes by the applicant should be considered other funds. The Scope of Work for each Funding Source must be the same.

6. Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply.

- _____ \$500,001 or More
- _____ \$400,001-\$500,000
- _____ \$325,001-\$400,000
- _____ \$275,001-\$325,000
- X \$175,001-\$275,000
- _____ \$175,000 or Less

There are times when the District spends all of the grant money and has loan money remaining. When this happens, the district makes a loan offer in the amount of the requested grant to the communities that were not funded. The offers are made in the order of scoring. We need to know if you are not successful in obtaining grant dollars for your project if you would be interested in loan money:

YES X NO _____

(This will only be considered if you are not funded with grant money and there is remaining loan money.) Please note: if you answer "no" you will not be contacted, only if you answer "yes" will an offer be made in the event that there is loan money remaining.

7. If the proposed project is funded, will its completion directly result in the creation of permanent full-time

equivalent (FTE) jobs (FTE jobs shall be defined as 35 hours/week) ? Yes ___ No X. If yes, how many jobs within eighteen months? ___ Will the completed project retain jobs that would otherwise be permanently lost? Yes ___ No X. If yes, how many jobs _____ **will be created/retrained** within 18 months **following the completion of the improvements?**

(Supporting documentation in the form of letter from affected industrial or commercial enterprises that specify full time equivalent jobs that will be retained or created directly by the installation or improvement of Public infrastructure. Additional items such as; 1) newspaper articles or other media news accounts, 2) public meeting minutes, and/or 3) a letter from the County Economic Development Director or State of Ohio Economic Development Professional that alludes to the requirement for the infrastructure improvement to support the business. Submittals without supporting documentation will receive 0 points for this question.)

8. What is the total number of existing users that will directly benefit from the proposed project if completed? 365 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **325 Residential Dwellings & 40 Commercial Businesses**

9. Is subdivision's population less than 5,000 Yes ___ No X

If yes, continue. You may want to design your project per Small Government Project Evaluation Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small Government Funding. The Small Government Criteria is available on the OPWC website at <http://www.pwc.state.oh.us/Meth.SG.PDF> If No, skip to Question 11.

10. **OHIO PUBLIC WORKS COMMISSION SMALL GOVERNMENT PROGRAM GUIDELINES**

All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning enough points for District Funding from SCIP or LTIP Funds, are then rated using the Small Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application.

Only infrastructure that is village- or township- owned is eligible for assistance. The following policies have been adopted by the Small Government Commission:

- District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.

- Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at <http://www.pwc.state.oh.us/SmallGovernment.html>**
- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. **It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.**

If you desire to have your Round 33 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 33 by accessing the OPWC Website at <http://www.pwc.state.oh.us/Meth.SG.PDF>. Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 32.

11. MANDATORY INFORMATION, DISTRICT 5, DISCRETIONARY RANKING POINTS

List all specific user fees: Amount or
ROAD & BRIDGE PROJECTS:(OHIO REVISED CODE) Percentage

Permissive license fee	4504.02 or 4504.06	<u>\$233,250</u>
	4504.15 or 4504.17	_____
	4504.16 or 4504.171	_____
	4504.172	_____
	4504.18	_____

Special property taxes 5555.48 _____
5555.49 _____

Municipal Income Tax 1.5%

County Sales Tax _____

Others Fire Operating Levy - \$295,000
Fire Capital Levy - \$295,000
Park Levy - \$157,000

(DO NOT INCLUDE SCHOOL TAXES)

SPECIFIC PROJECT AREA INFORMATION.

Median household income \$54,730

Monthly utility rate: Water \$45.00

Sewer \$45.31

Other Stormwater - \$5.50

List any special user fees or assessment (be specific)

POLITICAL SUBDIVISION= City of Vermilion

COUNTY= Erie

DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)= _____

(25-20-15)

Date: 9.15.19

Signature: 

Title: Mayor

Address: 5511 Liberty Avenue, Vermilion, Ohio 44089

Phone: 440-204-2402

FAX: 440-204-2411

Email: jimforthofer@vermilion.net

LIBERTY AVEUNE 12" WATERMAIN REPLACEMENT, PHASE 1 CITY OF VERMILION, OHIO

District 5

Capital Improvement Project

Priority Rating Sheet, Round 34

										Revised 04/23/19						
										PROJECT NUMBER						
COUNTY:																
PROJECT:																
EST. COST:																
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS							"A" x "B"	Priority Factors					No.
			0	2	4	6	8	10	0		2	4	6	8	10	
1	1	(Repair or Replace) vs. (New or Expansion)	0	2	4	6	8	10	10	0% + Repair or Replacement	20% + Repair or Replacement	40% + Repair or Replacement	60%+ Repair or Replacement	80%+ Repair or Replacement	100%+ Repair or Replacement	1
2	1.5	Existing Physical Condition: Must submit substantiating documentation and CIR (100% New or Expansion = 0 Points)	0	2	4	6	8	10	12	Excellent	Good	Fair	Poor	Critical	Closed or Not Operating	2
3	2	Public Health and/or Public Safety Concerns Submittals without supporting documentation will receive 0 points for this question.	0	2	4	6	8	10	20	No Impact	Minimal	Moderate	Major	Critical	Extremely Critical	3
4	2	Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget assessments, rates or tax revenues) *	0	2	4	6	8	10	20	0%+	10%+	20%+	30%+	40%+	50%+	4
5	1	OTHER FUNDING SOURCES (Excluding Issue II Funds) (Grants and other revenues not contributed or collected through taxes by the applicant, including Gifts, Contributions, etc. - must submit copy of award or status letter.)	0	2	4	6	8	10	0	0%+	10%+	20%+	30%+	40%+	50%+	5
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS							"A" x "B"	Priority Factors					No.
			-9	-8	0	8	9	10	-9		-8	0	8	9	10	
6	2	OPWC Grant and Loan Funding Requested; Please refer to Item 6 on Questionnaire for Clarification.	-9	-8	0	8	9	10	18	Grant or Loan Only \$500,001	\$400,001 to \$500,000	\$325,001 to \$400,000	\$275,001 to \$325,000	\$175,001 to \$275,000	\$175,000 or less	6
	2		-9	-8	0	8	9	10		Grant/Loan Combination \$750,000	\$600,001 to \$750,000	\$487,501 to \$600,000	\$412,501 to \$487,500	\$262,501 to \$412,500	\$262,500 or less	6
When scoring a project that is only grant or only loan, Please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score.																
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS							"A" x "B"	Priority Factors					No.
			0	2	4	6	8	10	0		2	4	6	8	10	
7	1	Will the Proposed Project Create Permanent jobs or retain jobs that would otherwise be permanently lost (Written Documentation Required)	0	2	4	6	8	10	0	0+ jobs	7+ jobs	15+ jobs	25+ jobs	50+ jobs	100+ jobs	8
8	1	Benefits to Existing Users such as households, (Equivalent dwelling units), traffic Counts, etc.	0	2	4	6	8	10	4	0+	100+	350+	500+	750+	1000+	9
9		SUBTOTAL RANKING POINTS (MAX = 115)									Other Info: Does this project have a significant impact on productive farmland? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> Attach impact statement if yes. Is the Applicant ready to proceed to bids after State Approval within 6 months? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					
10		COUNTY PRIORITY POINTS (25-20 15)														
11		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=12)														
12		GRAND TOTAL RANKING POINTS														

* Applicants must certify local share contribution. Specify, all funding sources to be utilized as local share at the time of application submittal.