



September 11, 2020

Mr. Steve Poggiali
Regional Planning Director
Erie County Services Center
2900 Columbus Avenue
Sandusky, Ohio 44870

Re: Liberty Avenue 12" Watermain Replacement, Phase 2
City of Vermilion, Ohio

Dear Mr. Poggiali:

On behalf of the City of Vermilion, we respectfully submit this year's Ohio Public Works Commission Round 35 SCIP Application to you for the above referenced project. The application was prepared according to our understanding of the project.

If we can be of further assistance in this matter, please contact me.

Respectfully,

BRAMHALL ENGINEERING AND SURVEYING COMPANY
City of Vermilion Consulting Engineers

A handwritten signature in blue ink, appearing to read 'Chris Howard', is written over the printed name of Christopher L. Howard.

Christopher L. Howard, P.E., CPESC
City Engineer

Cc: Mayor Jim Forthofer
Tony Valerius, Director of Public Services



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 Vermilion Subdivision Code: 043-79716
 District Number: 5 County: Lorain Date: 09/10/2020
 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@vermilion.net FAX: (440) 204-2411

Project

Project Name: Liberty Avenue 12" Watermain Replacement, Phase 2 Zip Code: 44089

Subdivision Type	Project Type	Funding Request Summary
<small>(Select one)</small>	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>
<input type="checkbox"/> 1. County	<input type="checkbox"/> 1. Road	Total Project Cost: <u>744,890 .00</u>
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>325,000 .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>325,000 .00</u>
	<input type="checkbox"/> 6. Stormwater	

District Recommendation (To be completed by the District Committee)

Funding Type Requested	SCIP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<small>(Select one)</small>		
<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:	_____	0	.00	
Final Design:	_____	57,222	.00	
Construction Administration:	_____	57,222	.00	
Total Engineering Services:	a.) _____	114,444	.00	20 %
Right of Way:	b.) _____	0	.00	
Construction:	c.) _____	572,224	.00	
Materials Purchased Directly:	d.) _____		.00	
Permits, Advertising, Legal:	e.) _____	1,000	.00	
Construction Contingencies:	f.) _____	57,222	.00	10 %
Total Estimated Costs:	g.) _____	744,890	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) _____		.00	
Local Revenues:	b.) _____	419,890	.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.) _____	419,890	.00	56 %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>100</u> % of OPWC Funds	j.) _____	325,000	.00	
Loan: <u>0</u> % of OPWC Funds	k.) _____		.00	
Loan Assistance / Credit Enhancement:	l.) _____	0	.00	
Subtotal OPWC Funds:	m.) _____	325,000	.00	44 %
Total Financial Resources:	n.) _____	744,890	.00	100 %

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:	<u>744,890</u> .00	<u>100</u> %
2.2 Total Portion of Project New / Expansion:	<u>0</u> .00	<u>0</u> %
2.3 Total Project:	<u>744,890</u> .00	<u>100</u> %

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>05/10/2021</u>	End Date: <u>10/08/2021</u>
3.2 Bid Advertisement and Award	Begin Date: <u>10/29/2021</u>	End Date: <u>12/06/2021</u>
3.3 Construction	Begin Date: <u>01/10/2022</u>	End Date: <u>05/27/2022</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: 472

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 Lorain, along Liberty Avenue. The project will begin at South Shore Court (West Terminus) and continue east to Niagara Road (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 for approximately 2,700 LF. The City of Vermilion intends to replace this 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 2,700 LF of 12" C909, as well as an 100' section of 12" with 24" steel casing pipe to be bored under Liberty Avenue at Niagara Road. 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 2,700 LF of existing 12" waterline; installation of 2,700 LF of 12" C909 watermain; 8 line valves; 10 hydrant assemblies; and 100' LF of 12" watermain which will be bored under Liberty Avenue. The project will also include restoration of 2,100 SY of grass areas/treelawns, 467 SY of asphalt and concrete pavement, and 235 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 Service
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

Liberty Avenue 12” Watermain Replacement, Phase 2

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 35

RECORD OF ORDINANCES

BARRETT BROTHERS - DAYTON, OHIO

Form 6220S

Ordinance No. 2020R-10

Passed

8-17

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 17th day of August 2020, in regular session with the following members present:

- Emily Skahen, 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 Phase II Project; 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: 8/17, 2020

ATTEST: 8-17, 2020

APPROVED: 8-17, 2020

Steve Herron
Steve Herron, President of Council

Gwen Fisher
Gwen Fisher, Clerk of Council

Jim Forthofer
Jim Forthofer, Mayor

Ms. Stark introduced the following Resolution and moved its adoption;
Mr. Holmes seconded the motion for the adoption of said Resolution; and the roll call being called upon its adoption, the voted resulted as follows:

Roll Call: 7 yeas
Adopted: 8-17-2020

THE CITY OF VERMILION



James Forthofer, Mayor

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

September 10, 2020

I, Amy Hendricks, Finance Director of the City of Vermilion, hereby certify that the City of Vermilion has the amount of \$419,890 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 2 Project when it is required.

A handwritten signature in blue ink that reads "Amy L. Hendricks". The signature is fluid and cursive.

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

September 9, 2020

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 2 - SOUTH SHORE COURT TO NIAGARA ROAD
CITY OF VERMILION
DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

REF. ODOT NO. ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL ESTIMATE COST
WATERLINE REPLACEMENT					
1	202/638 EXISTING WATERMAIN ABANDONED IN PLACE AND CAPPED WITH BULKHEADS AT ALL CUT ENDS (BEGINNING AT SOUTH SHORE COURT AND ENDING AT NIAGARA ROAD)	1.00	LUMP	\$ 7,500.00	\$ 7,500.00
2	202/638 HYDRANT ASSEMBLY AND VALVE REMOVED AND DELIVERED TO CITY	3.00	EACH	\$ 650.00	\$ 1,950.00
3	202/638 EXISTING 12" WATER VALVE ASSEMBLY REMOVED	3.00	EACH	\$ 350.00	\$ 1,050.00
4	638 12" C909 WATERLINE, INCLUDING EXCAVATION, OFFSITE DISPOSAL, BEDDING, PREMIUM BACKFILL AND ALL BENDS	2650.00	L.F.	\$ 85.00	\$ 225,250.00
5	638 12" C909 WATERLINE BORED IN 24" STEEL CASING (INCLUDING EXCAVATION, BEDDING, PERMIMUM BACKFILL, BENDS, BORING PITS AND COUPLING CONNECTIONS)	100.00	L.F.	\$ 500.00	\$ 50,000.00
6	638 8" C909 WATERLINE BORED IN 16" STEEL CASING (INCLUDING EXCAVATION, BEDDING, PERMIMUM BACKFILL, BENDS, BORING PITS AND COUPLING CONNECTIONS)	100.00	L.F.	\$ 350.00	\$ 35,000.00
7	638 HYDRANT ASSEMBLY, INCLUDING TEE AND 6" HYDRANT VALVE, COMPLETE IN PLACE	10.00	EACH	\$ 5,000.00	\$ 50,000.00
8	638 12" LINE VALVE AND VALVE BOX COMPLETE IN PLACE	10.00	EACH	\$ 2,000.00	\$ 20,000.00
9	638 8" LINE VALVE AND VALVE BOX COMPLETE IN PLACE	4.00	EACH	\$ 2,000.00	\$ 8,000.00
10	638 12"X8" REDUCER, COMPLETE IN PLACE	1.00	EACH	\$ 1,000.00	\$ 1,000.00
11	638 12"X12"X12" TEE, COMPLETE IN PLACE	3.00	EACH	\$ 1,000.00	\$ 3,000.00
12	638 8"X8"X8" TEE, COMPLETE IN PLACE	1.00	EACH	\$ 1,000.00	\$ 1,000.00
13	638 12"X12"X8" TEE, COMPLETE IN PLACE	2.00	EACH	\$ 1,000.00	\$ 2,000.00
14	638 WATER LATERAL RECONNECTION, (INCLUDING CURB BOXES AND RECONNECTION TO WATERMAIN)	12.00	EACH	\$ 1,500.00	\$ 18,000.00
15	638 HYDROSTATIC TESTING	2850.00	L.F.	\$ 1.00	\$ 2,850.00
WATERLINE REPLACEMENT TOTAL					\$ 426,600.00

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 2 - SOUTH SHORE COURT TO NIAGARA ROAD
 CITY OF VERMILION
 DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

REF. ODOT NO. ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL ESTIMATE COST
PAVEMENT RESTORATION					
16 202	PAVEMENT REMOVAL, INCL NEAT SAWCUT AND OFFSITE DISPOSAL (T=9" AVERAGE ASSUMED)	71.00	S.Y.	\$ 10.00	\$ 710.00
17 204	SUBGRADE COMPACTION	71.00	S.Y.	\$ 1.00	\$ 71.00
18 301	ASPHALT CONCRETE BASE, PG64-22, T=10" AVERAGE	20.00	C.Y.	\$ 225.00	\$ 4,500.00
19 304	LIMESTONE AGGREGATE BASE, T=8" AVERAGE, AS NEEDED FOR AGGREGATE BASE RESTORATION	16.00	C.Y.	\$ 45.00	\$ 720.00
20 407	TACK COAT, TRACKLESS TACK (.06GAL/SQ.YD AVERAGE)(2 APPLICATIONS)	9.00	GAL	\$ 10.00	\$ 90.00
21 441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22, T=1-3/4"	3.00	C.Y.	\$ 300.00	\$ 900.00
22 441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448) PG64-22, T=1-1/4"	2.00	C.Y.	\$ 300.00	\$ 600.00
PAVEMENT RESTORATION TOTAL					\$ 7,591.00
ASPHALT DRIVE RESTORATION					
23 202	PAVEMENT REMOVAL, T=VARIES	369.00	S.Y.	\$ 10.00	\$ 3,690.00
24 204	SUBGRADE COMPACTION	369.00	S.Y.	\$ 1.00	\$ 369.00
25 301	ASPHALT CONCRETE BASE, PG 64-22, T=3"	31.00	C.Y.	\$ 275.00	\$ 8,525.00
26 407	TACK COAT, TRACKLESS TACK (.06GAL/SQ.YD AVERAGE)	44.00	GAL	\$ 10.00	\$ 440.00
27 441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG64-22, T=1-3/4"	18.00	C.Y.	\$ 300.00	\$ 5,400.00
28 441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 PG64-22, T=1 1/4"	13.00	C.Y.	\$ 300.00	\$ 3,900.00
ASPHALT DRIVE RESTORATION TOTAL					\$ 22,324.00

September 9, 2020

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 2 - SOUTH SHORE COURT TO NIAGARA ROAD
 CITY OF VERMILION
 DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

REF. NO.	ODOT ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL ESTIMATE COST
CONCRETE DRIVE RESTORATION						
29	202	PAVEMENT REMOVAL, T=VARIES	100.00	S.Y.	\$ 10.00	\$ 1,000.00
30	204	SUBGRADE COMPACTION	100.00	S.Y.	\$ 1.00	\$ 100.00
31	452	NON-REINFORCED CONCRETE PAVEMENT, CLASS QC MS, T=6"(MODERATE SET)	100.00	S.Y.	\$ 60.00	\$ 6,000.00
CONCRETE DRIVE RESTORATION TOTAL						\$ 7,100.00
GRAVEL DRIVE RESTORATION						
32	204	SUBGRADE COMPACTION	36.00	S.Y.	\$ 1.00	\$ 36.00
33	304	LIMESTONE AGGREGATE BASE, T=6" AVERAGE	6.00	C.Y.	\$ 45.00	\$ 270.00
GRAVEL DRIVE RESTORATION TOTAL						\$ 306.00
SIDEWALK RESTORATION						
34	202	WALK REMOVAL, T=4" AVG.	2116.00	S.F.	\$ 5.00	\$ 10,580.00
35	204	SUBGRADE COMPACTION	235.00	S.Y.	\$ 1.00	\$ 235.00
36	608	CONCRETE WALK, MS (T=4")	2116.00	S.F.	\$ 9.00	\$ 19,044.00
37	608	ADA RAMPS, COMPLETE IN PLACE	7.00	EA	\$ 700.00	\$ 4,900.00
SIDEWALK RESTORATION TOTAL						\$ 34,759.00

LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 2 - SOUTH SHORE COURT TO NIAGARA ROAD
 CITY OF VERMILION
 DETAILED COST ESTIMATE/USEFUL LIFE STATEMENT

September 9, 2020

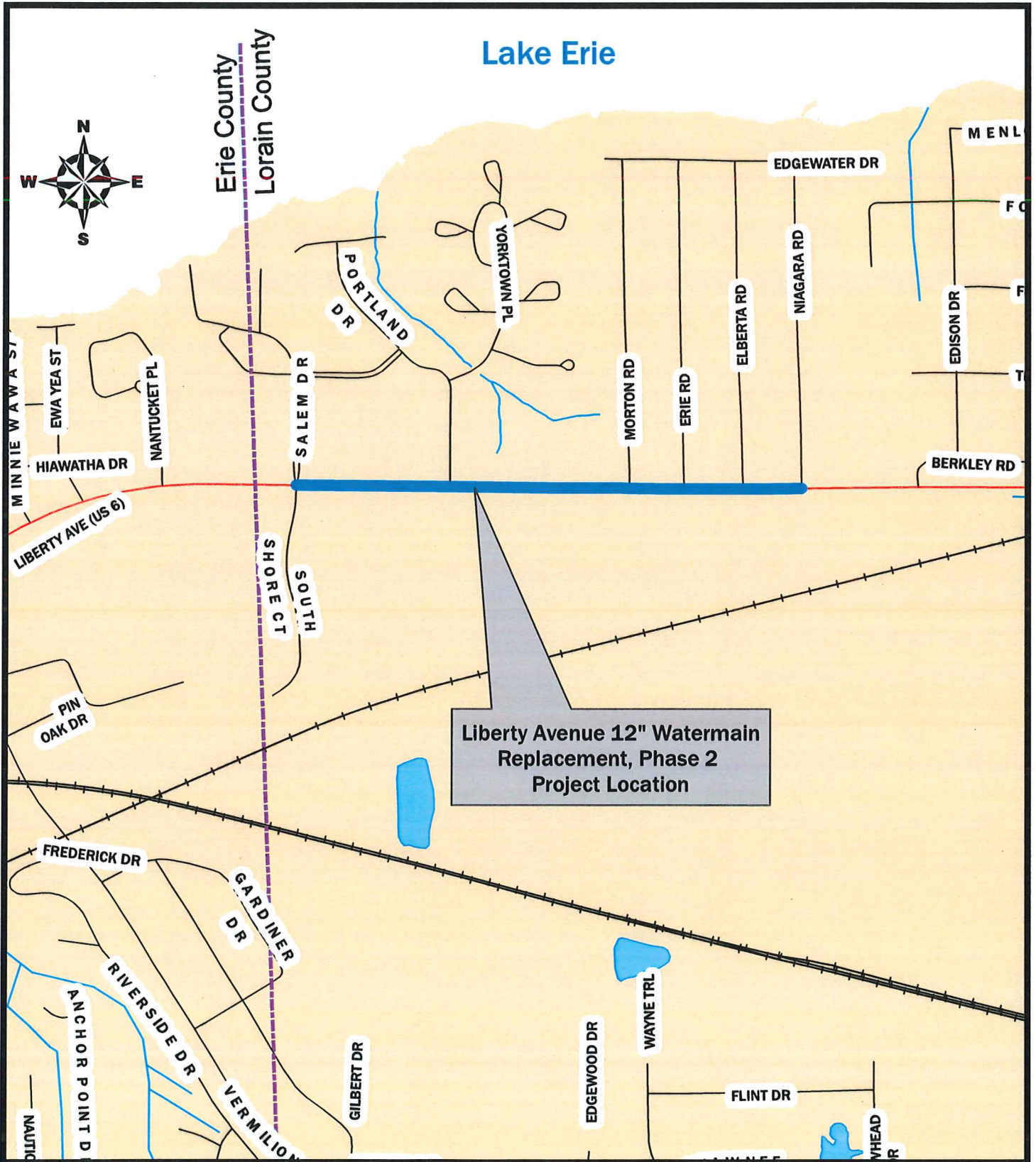
REF. NO.	ODOT ITEM	DESCRIPTION	ESTIMATED QUANTITY	UNIT	ESTIMATED UNIT PRICE	TOTAL ESTIMATE COST
MISCELLANEOUS						
38	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1.00	LUMP	\$ 7,000.00	\$ 7,000.00
39	624	MOBILIZATION	1.00	LUMP	\$ 20,000.00	\$ 20,000.00
40	SPEC	REMOVAL OF MAILBOX AND REERECTION	6.00	EA.	\$ 150.00	\$ 900.00
41	614	MAINTENANCE OF TRAFFIC	1.00	LUMP	\$ 25,000.00	\$ 25,000.00
42	659	RESTORATION (INCL. TOPSOIL, SEEDING AND MULCHING)	2,095.00	S.Y.	\$ 10.00	\$ 20,950.00
MISCELLANEOUS TOTAL						\$ 73,850.00
LIBERTY AVENUE WATERMAIN REPLACEMENT SUBTOTAL						\$ 572,224.40
10% CONTINGENCY (TO BE USED AS AUTHORIZED BY THE CITY OF VERMILION)						\$ 57,222.40
LIBERTY AVENUE WATERMAIN REPLACEMENT GRAND TOTAL						\$ 629,446.40

THE ESTIMATED USEFUL LIFE OF THE LIBERTY AVENUE 12" WATERMAIN REPLACEMENT, PHASE 2 PROJECT IS 25 YEARS





Liberty Avenue 12" Watermain Replacement, Phase 2 Project Location Map Vermilion, Ohio

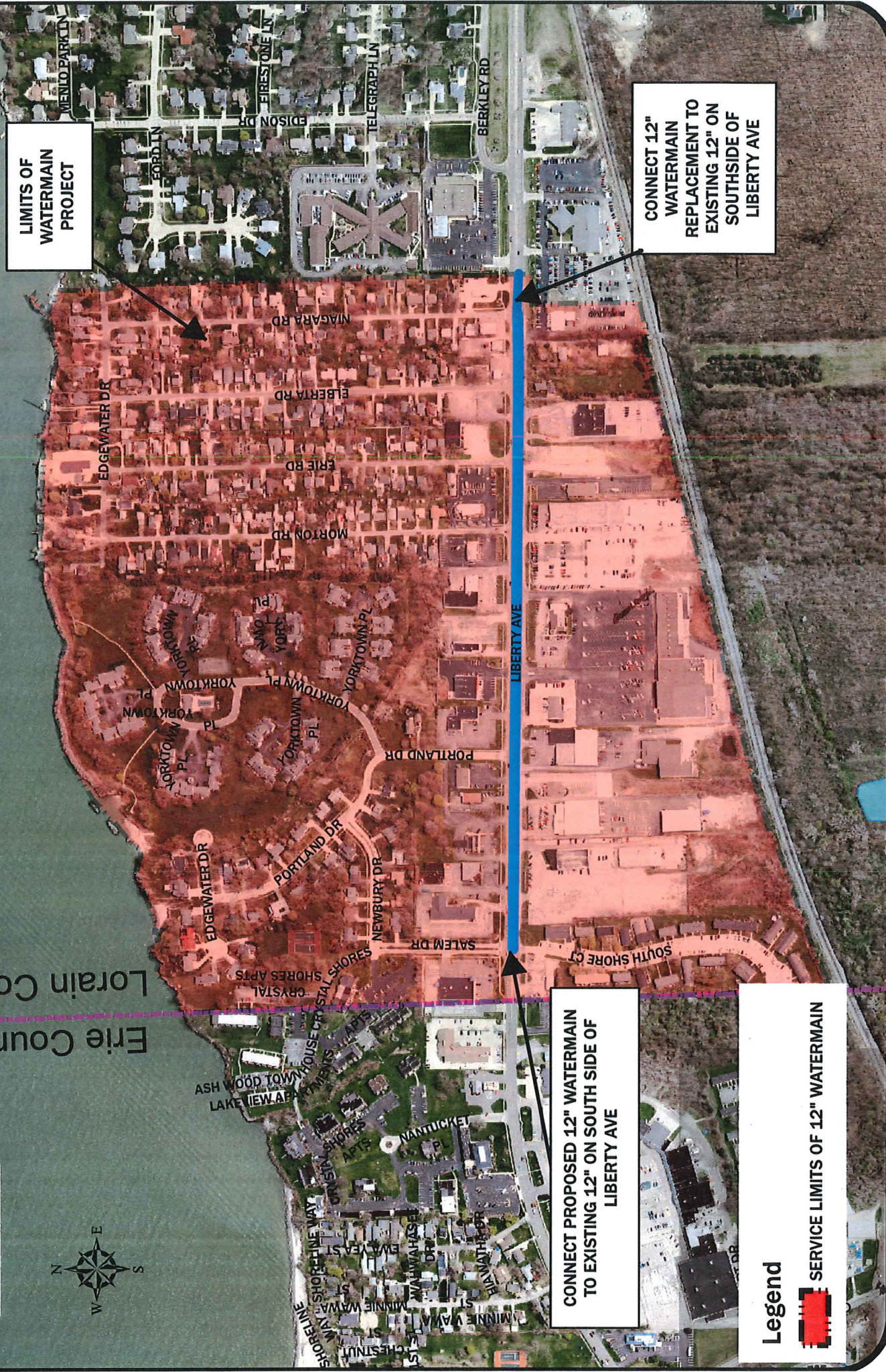




Liberty Avenue 12" Watermain Replacement, Phase 2 Vermilion, Ohio

Lake Erie

Erie County
Lorain County



LIMITS OF WATERMAIN PROJECT

CONNECT 12" WATERMAIN REPLACEMENT TO EXISTING 12" ON SOUTHSIDE OF LIBERTY AVE

CONNECT PROPOSED 12" WATERMAIN TO EXISTING 12" ON SOUTH SIDE OF LIBERTY AVE

Legend



SERVICE LIMITS OF 12" WATERMAIN

Liberty Avenue 12" Watermain Replacement, Phase 2

Project Narrative

The project limits of the Liberty Avenue 12" Watermain Replacement, Phase 2 project begins at South Shore Court and terminates at Niagara Road. The project is located entirely in Lorain County. Currently, there are two 65-year old water lines on each side of the roadway for approximately 2,700 feet. A 12" waterline runs along the south side and an 8" waterline runs along the north side of Liberty Avenue. This project includes the replacement of the 12" only. Since 2003, the City has had to repair nine (9) breaks on the 12" watermain within these project limits.

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 South Shore Court to Niagara Road is on the priority list for 2021. The number of households directly served by this watermain replacement consists of approximately 36 commercial businesses and 436 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 south side from South Shore Court to Niagara Road. It also includes 2 bores under Liberty Avenue to provide connection between the watermains.

This project will have no impact to farmland.



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

July 11, 2019

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

Mr. Anthony Valerius
Vermilion City
5511 Liberty Avenue
Vermilion, 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 Vermilion 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. Vermilion'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 Vermilion 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 Vermilion'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.

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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.

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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.**

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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.

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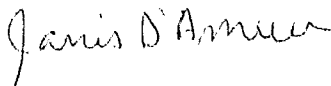
(g) Submit a statement that all municipally owned yard hydrants haven been removed or replaced by September 1, 2019.

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

July 31, 2019

PROPOSED 10-YEAR WATER MAIN REPLACEMENT PROGRAM
CITY OF VERMILION

WATER MAIN REPLACEMENT PROJECTS	LIMITS OF PROJECT	SIZE	LENGTH	MATERIAL	UNIT COST	TOTAL COST
SANFORD STREET, PHASE 1	HOLLYVIEW DRIVE TO SOUTHVIEW 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	\$ 355.00	\$ 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:



July 31, 2019

PROPOSED 10-YEAR WATER MAIN REPLACEMENT PROGRAM
CITY OF VERMILION

	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
WATER MAIN REPLACEMENT PROJECTS											
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 35**

Name of Applicant: City of Vermilion, Ohio
Project Title: Liberty Ave. Watermain Replacement, Phase 2

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= __% **ORC Reference(s):164.06(B)(1); 164.14(E)(10)**

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.

2a. Existing Physical Condition of Infrastructure **ORC Reference(s):164.06(B)(2);164.14(E)(9);164.14(E)(2); 164.14(E)(8)**

Points	Category	Description	Examples
10	Failing	Infrastructure has reached a point where it requires replacement, reconstruction or reconfiguration to fulfill its purpose	-Intersection Reconfiguration due to accident problem- Structural paving of 3.5" or greater of additional pavement - Pavement Widening to meet ODOT L&D Standards - Complete Pavement Reconstruction -Water or Sewer Line Replacement - Water or Sewer Plant Replacement - Widening graded shoulder width to ODOT L&D Standard -Complete Bridge or Culvert replacement
8	Poor	The condition is substandard and requires repair or restoration in order to return to the intended level of service and comply with current design standards. Infrastructure contains deficiency and is functioning at a diminished capacity.	-Multiple course of paving - Structural Culvert Lining - Bridge Deck Replacement - Replacement of a significant part of a water or sewer plant - Single course of paving with 25% base repair-Widening graded shoulder width to less than ODOT L&D Standard

6	Fading	The condition requires reconditioning to continue to function as originally intended.	-Single course of paving -Sewer Lining Projects -Water tower painting -Replacement of pumps, hydrants, valves, filters, etc in existing water and sewer systems-Widening aggregate berm on existing graded shoulder width
4	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	
2	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	
0	Excellent	The condition is new or requires no repair. Or, no supporting documentation has been submitted	

2b. Age of Infrastructure **ORC Reference(s):164.06(B)(2)**

Life	20	30	50
Project Type	Road	Wastewater and Water Treatment	Bridge/Culvert, Sanitary Sewer, Water Supply, Storm Water, Solid Waste
Points			
0	0-4 Years	0-6 Years	0-10 Years
1	5-8 Years	7-12 Years	11-20 Years
2	9-12 Years	13-18 Years	21-30 Years
3	13-16 Years	19-24 Years	31-40 Years
4	17-20 Years	25-30 Years	41-50 Years
5	20+ Years	30+ Years	50+ Years

3. Health and Safety Rating: **ORC Reference(s):164.06(B)(4),164.14(E)(1); 164.14(E)(10)**

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 3.5" of additional pavement, etc....)**

*(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 3.5" 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. **ORC Reference 164.06(B)(6); ORC 164.06(B)(3)**

A.) Amount of Local Funds = \$ 419,890
 B.) Total Project Cost = \$ 744,890

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A ÷ B) = 56 %

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 SCIP or LTIP Funds, as a percentage of the total project cost. **ORC Reference(s): 164.06(B)(7); 164.14(E)(4)**

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. **ORC Reference(s): 164.14(E)(10); 164.06(B)(5)**

_____	\$500,001 or More
_____	\$400,001-\$500,000
_____	\$325,001-\$400,000
<u> X </u>	\$275,001-\$325,000
_____	\$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?**

ORC Reference(s): 164.14(E)(3);164.14(E)(10)

(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? 472 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **ORC Reference 164.14(E)(7); 164.06(B)(10)**
436 Residential Dwellings & 36 Commercial Businesses

9. Economic Distress Criteria **ORC Reference 164.06(B)(8)**

What is the Local Median Household Income as a percentage of the District Median Household Income?
 97.92 %. Please utilize the Economic Distress Scoring Criteria based on ACS 2013-2017 Data provided in Exhibit A.

10. Readiness to Proceed Criteria **ORC Reference 164.06(B)(9); ORC 164.14(E)(5)**

Please categorize the status of planning and design elements for the project.

- Plans have not begun yet (0 Points)
- Preliminary Engineering Complete (1 Point)
- Final Design Complete (2 Points)

11. Base Score Total for Questions 1-10= 86

12. County Subcommittee Priority Points= _____
(25-20-15 Points for each of the SCIP and LTIP Project Categories)

13. **DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)**

13a. A **District Discretionary Point** may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. (Include documentation to support the claim of significance)
(Maximum of 1 Point at the discretion of the District Executive Committee) _____

ORC Reference 164.14(E)(7)

13b. A **District Discretionary Point** may be awarded to projects that demonstrate that the entity has maximized local financial resources including assessments. Provide a Fund Status Report and/or the water and sanitary waste utility rate structures are at least 2.5% of area median household income for combined systems and 1.5% of the area median household income for water and sanitary only systems. Please provide rate ordinances for water and sanitary sewer to be considered for discretionary points. (Maximum of 1 Point at the discretion of the District 5 Executive Committee) _____ **ORC Reference 164.06(B)(3)**

14. **Grand Total of Points** _____

15. Is subdivision's population less than 5,000 Yes No 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

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2035%20Methodology.pdf?ver=2019-08-07-071749-143>

16. **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

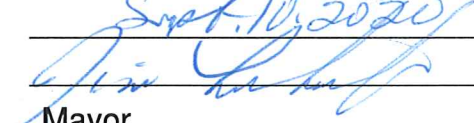
Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application. **Only infrastructure that is village- or township- owned is eligible for assistance.** The following 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 <https://www.pwc.ohio.gov/Programs/Infrastructure-Programs/Small-Government>**
- 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 35 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 35 by accessing the OPWC Website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2035%20Methodology.pdf?ver=2019-08-07-071749-143>

Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 35.

Date: Sept. 10, 2020
Signature: 
Title: Mayor
Address: 5511 Liberty Avenue, Vermilion, Ohio 44089
Phone: 440-204-2402
FAX: 440-204-2411
Email: jimforthofer@vermilion.net

District 5
Capital Improvement Project
Priority Rating Sheet, Round 35

COUNTY: Erie		PROJECT: Liberty Ave. Watermain Replacement, Phase 2										PROJECT NUMBER:					
EST. COST:																	
No.	WEIGHT FACTOR	"A" 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)							10	0% +	20% +	40% +	60% +	80% +	100% +	1	
										Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement		
2A	1	EXISTING PHYSICAL CONDITION <small>Please refer to Criteria #2 of the Round 35 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0 Points)</small>							10	0	2	4	6	8	10	2A	
										Excellent	Good	Fair	Fading	Poor	Falling		
2B	1	AGE							5	Type						2B	
										Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	
										Wastewater	0-6 Yrs	7-12 Yrs	13-18 Yrs	19-24 Yrs	25-30 Yrs	30+ Yrs	
										Bridges/Culvert, Sanitary Sewer, Water Supply, Storm Water, Solid Waste	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	60+ Yrs	
3	2	PUBLIC HEALTH AND/OR SAFETY CONCERNS <small>Submittals without supporting documentation will receive 0 points for this question.</small>							20	0	2	4	6	8	10	3	
										No Impact	Minimal	Moderate	Major	Critical	Extremely Critical		
4	2	LOCAL MATCHING FUNDS <small>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) *</small>							20	0	2	4	6	8	10	4	
										0%	10%	20%	30%	40%	60%		
5	1	OTHER FUNDING (Excluding Issue II Funds) <small>(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.)</small>							0	0%	10%	20%	30%	40%	50%	6	
6		OPWC GRANT AND LOAN FUNDS REQUESTED <small>Please refer to Criteria #6 of the Round 35 Methodology for clarification.</small>							16	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.						6	
	2	Grant or Loan Only	-9	-8	0	8	9	10		-9	-8	0	8	9	10	6	
	2	Grant/Loan Combination	-9	-8	0	8	9	10		\$500,001 or more	\$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	
										\$750,000 or more	\$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	
7	1	JOB CREATION/RETENTION <small>Indicate full time equivalent jobs, include supporting documentation in the form of a commitment letter from business or third party entity.</small>							0	0-8 Jobs	7-14 Jobs	15-24 Jobs	25+ Jobs			7	
8	1	BENEFIT TO EXISTING USERS (households or traffic counts) <small>Expressed, unexpressed, or inferred connections. Traffic Counts within two years with certified documentation, etc.</small>							4	0	2	4	6	8	10	8	
										0-99 Users	100 - 349 Users	350 - 499 Users	500 - 749 Users	750 - 1000 Users	1000+ Users		
9	1	ECONOMIC DISTRESS <small>Local Mill as a percentage of the District Median MHI</small>							1	0	1	2				9	
										100%+	80%-100%	Less Than 80%					
10	1	READINESS TO PROCEED								0	1	2				10	
										Plans Not Begun Yet	Preliminary Engineering Complete	Final Design Complete					
11		SUBTOTAL RANKING POINTS (MAX = 115)							86	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"/>							
12		COUNTY SUBCOMMITTEE PRIORITY POINTS (25-20-15)															
13A		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=1)								District Discretionary Point may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. Include documentation to support the claim of significance.							
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=1)								District Discretionary Point may be awarded to projects that demonstrate that the entity has maximized financial resources including assessments and utility rate structure.							
14		GRAND TOTAL RANKING POINTS															

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