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**BRAMHALL**  
ENGINEERING &  
SURVEYING COMPANY

September 7, 2018

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

Re: Highbridge Road Reconstruction Project  
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 33 SCIP Application to you for the above referenced project. The application was prepared according to our understanding of the project.

The Resolution authorizing the Mayor to submit an application to the Ohio Public Works Commission will be forwarded to your office on September 11th, after the next City Council Meeting on September 10<sup>th</sup>.

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

Respectfully,

BRAMHALL ENGINEERING AND SURVEYING COMPANY  
City of Vermilion Consulting Engineers

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: <u>City of Vermilion</u>	Subdivision Code: <u>043-79716</u>
	District Number: <u>5</u> County: <u>Erie</u>	Date: <u>09/07/2018</u>
	Contact: <u>Tony Valerius</u> <small>(The individual who will be available during business hours and who can best answer or coordinate the response to questions)</small>	Phone: <u>(440) 204-2424</u>
	Email: <u>tonyvalerius@vermillion.net</u>	FAX: <u>(440) 204-2411</u>

Project	Project Name: <u>Highbridge Road Reconstruction</u>		Zip Code: <u>44089</u>
	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 checked="" type="checkbox"/> 2. City <input type="checkbox"/> 3. Township <input type="checkbox"/> 4. Village <input type="checkbox"/> 5. Water (6119 Water District)	<input checked="" type="checkbox"/> 1. Road <input type="checkbox"/> 2. Bridge/Culvert <input type="checkbox"/> 3. Water Supply <input type="checkbox"/> 4. Wastewater <input type="checkbox"/> 5. Solid Waste <input type="checkbox"/> 6. Stormwater	Total Project Cost: <u>826,738 .00</u> 1. Grant: <u>325,000 .00</u> 2. Loan: <u>162,500 .00</u> 3. Loan Assistance/ Credit Enhancement: <u>0 .00</u> Funding Requested: <u>487,500 .00</u>

**District Recommendation** (To be completed by the District Committee)

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

**For OPWC Use Only**

<u>STATUS</u>	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



### 1.3 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>826,738</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>826,738</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>07/01/2019</u>	End Date: <u>12/01/2019</u>
3.2 Bid Advertisement and Award	Begin Date: <u>02/01/2020</u>	End Date: <u>04/01/2020</u>
3.3 Construction	Begin Date: <u>04/15/2020</u>	End Date: <u>08/30/2020</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: 1970 (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 1,800      Year 2016      Projected ADT 2,000      Year 2036

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

Residential Water Rate      Current \$ \_\_\_\_\_      Proposed \$ \_\_\_\_\_

Number of households served: 0

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.

This project begins at the intersection of Brownhelm Station Road and extends north to the southern end of the new pavement constructed as part of the LOR-Highbridge Road Bridge (PID 88998) project.

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

This project includes replacement of the existing deteriorated asphalt roadway with new asphalt pavement, as well as re-establishing roadside ditches for proper drainage. Ancillary items include driveway apron reconstruction, drive pipe installation, roadway culvert extension, traffic control, maintenance of traffic, and final seeding and mulching of the roadside at the completion of construction.

- 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.

Approximately 1,290 linear feet of existing asphalt pavement will be replaced with a new asphalt pavement build-up. The lanes will be 11' wide with 4' paved shoulders. There is one 24" culvert that will be replaced, as well as two catch basins.

## 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

Highbridge Road Reconstuction Project

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 Narrative

Project Photo Log

District 5 Capital Improvement Projects Questionnaire Round 33



RECORD OF RESOLUTIONS

RESOLUTION NO. 2018R-8

ADOPTED: 9.10.18

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 10th day of September 10, 2018, in regular 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 Highbridge Road Reconstruction Project (south of bridge to Brownhelm Station Road); 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

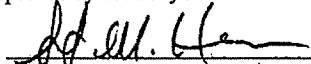
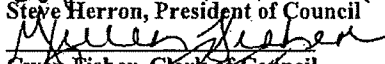

THAT, this City of Vermilion hereby finds and determines that all formal actions relative to the adoption of this Resolution were taken in an open meeting of this Board; and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open 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: 9/10, 2018

ATTEST: 9.10, 2018

APPROVED: 9.11, 2018

  
 Steve Herron, President of Council  
  
 Gwen Fisher, Clerk of Council  
  
 Jim Forthofer, Mayor

Mr. Frank Loucka introduced the following Resolution and moved its adoption:  
 Mr. Brian 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: 6 Yeas  
 Adopted: 9.10.2018

# THE CITY OF VERMILION



James Forthofer, Mayor

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

September 7, 2018

I, Amy Hendricks, Finance Director of the City of Vermilion, hereby certify that the City of Vermilion has the amount of \$339,238 in the Road Improvement Levy Fund (200) and/or the Permissive Use Tax Fund (203) and that this amount will be used to pay the local share for the Highbridge Road Reconstruction Project when it is required.

I, Amy Hendricks, Finance Director of the City of Vermilion, hereby certify that the City of Vermilion has / will have / will collect the amount of \$162,500 in the Road Improvement Levy Fund (200) and/or the Permissive Use Tax Fund (203) and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Highbridge Road Reconstruction Project over a 20 year term.

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

CITY OF VERMILION - HIGHBRIDGE ROAD RECONSTRUCTION  
 BROWNHelm STATION ROAD (NOT INCLUDING INTERSECTION) TO NEW BRIDGE PAVEMENT  
 1290 LINEAL FEET - (2) 11' LANES WITH 4' SHOULDERS

Detailed Engineer's Estimate and Useful Life Statement

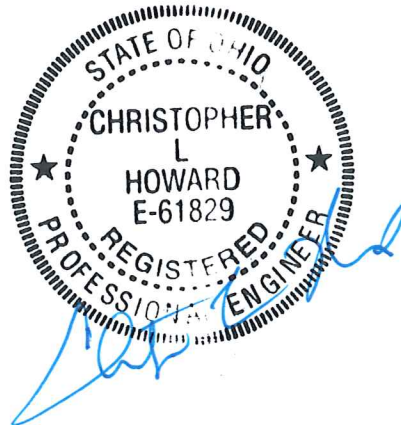
REF NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ENGINEER'S ESTIMATE
<b>ROADWAY</b>						
1	201	CLEARING AND GRUBBING		LUMP	\$ 20,000.00	\$ 20,000.00
2	202	HEADWALL REMOVED	EACH	2	\$ 700.00	\$ 1,400.00
3	202	PAVEMENT REMOVED	SY	2,810	\$ 12.00	\$ 33,720.00
4	202	PIPE REMOVED, 24" AND UNDER	FT	300	\$ 20.00	\$ 6,000.00
5	202	CATCH BASIN REMOVED	EACH	2	\$ 450.00	\$ 900.00
6	203	EXCAVATION	CY	3,153	\$ 9.00	\$ 28,377.00
7	203	EMBANKMENT	CY	1,099	\$ 8.00	\$ 8,792.00
8	203	GRANULAR MATERIAL, TYPE B (T=12" FOR UNDERCUT)	CY	1,449	\$ 45.00	\$ 65,205.00
9	204	SUBGRADE COMPACTION	SY	4,517	\$ 1.60	\$ 7,227.20
10	204	EXCAVATION OF SUBGRADE (T=12" FOR UNDERCUT)	CY	1,449	\$ 14.00	\$ 20,286.00
11	204	GEOTEXTILE FABRIC (FOR UNDERCUT)	SY	4,347	\$ 1.50	\$ 6,520.50
SECTION TOTAL ROADWAY :					\$	198,427.70
<b>EROSION CONTROL</b>						
12	659	TOPSOIL (T=4")	CY	400	\$ 22.00	\$ 8,800.00
13	659	SEEDING AND MULCHING	SY	3,600.00	\$ 1.00	\$ 3,600.00
14	659	REPAIR SEEDING AND MULCHING	SY	180	\$ 1.00	\$ 180.00
15	832	COMMERCIAL FERTILIZER	TON	0.50	\$ 600.00	\$ 300.00
16	659	WATER	MGAL	19	\$ 6.00	\$ 114.00
17		POST CONSTRUCTION BMP		LUMP	\$ 5,000.00	\$ 5,000.00
18	832	EROSION CONTROL	EACH	3,000	\$ 1.00	\$ 3,000.00
SECTION TOTAL EROSION CONTROL :					\$	20,994.00
<b>DRAINAGE</b>						
19	602	CONCRETE MASONRY (CULVERT REPLACEMENT)	CY	0.92	\$ 1,500.00	\$ 1,380.00
20	611	12" CONDUIT, TYPE B	FT	50	\$ 80.00	\$ 4,000.00
21	611	12" CONDUIT, TYPE C	FT	50	\$ 68.00	\$ 3,400.00
22	611	12" CONDUIT, TYPE D (DRIVE PIPES)	FT	350	\$ 58.00	\$ 20,300.00
22	611	24" CONDUIT, TYPE A (CULVERT REPLACEMENT)	FT	40	\$ 125.00	\$ 5,000.00
23	611	CATCH BASIN, NO. 2-2B	EACH	2	\$ 1,800.00	\$ 3,600.00
SECTION TOTAL DRAINAGE :					\$	37,680.00
<b>PAVEMENT</b>						
24	301	ASPHALT CONCRETE BASE, PG64-22 (T=6")	CY	739	\$ 190.00	\$ 140,410.00
25	304	AGGREGATE BASE (T=6")	CY	763	\$ 60.00	\$ 45,780.00
26	407	NON-TRACKING TACK COAT (0.05 GAL/SY - SURFACE; 0.06 GAL/SY - INTERMEDIATE)	GAL	478	\$ 6.00	\$ 2,868.00
27	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22 (T=1 1/4")	CY	150	\$ 200.00	\$ 30,000.00
28	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448) (T=1 3/4")	CY	211	\$ 180.00	\$ 37,980.00
29	452	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC1 (DRIVEWAYS)	SY	170	\$ 89.00	\$ 15,130.00
SECTION TOTAL PAVEMENT :					\$	272,168.00
<b>WATERWORK</b>						
30	638	FIRE HYDRANT AND GATE VALVE REMOVED	EACH	2	\$ 1,500.00	\$ 3,000.00
31	638	FIRE HYDRANT ASSEMBLY, INCL. FITTINGS	EACH	2	\$ 5,800.00	\$ 11,600.00
32	638	MISCELLANEOUS WATER WORK		LUMP	\$ 18,000.00	\$ 18,000.00
SECTION TOTAL WATERWORK :					\$	32,600.00

CITY OF VERMILION - HIGHBRIDGE ROAD RECONSTRUCTION  
 BROWNHELM STATION ROAD (NOT INCLUDING INTERSECTION) TO NEW BRIDGE PAVEMENT  
 1290 LINEAL FEET - (2) 11' LANES WITH 4' SHOULDERS

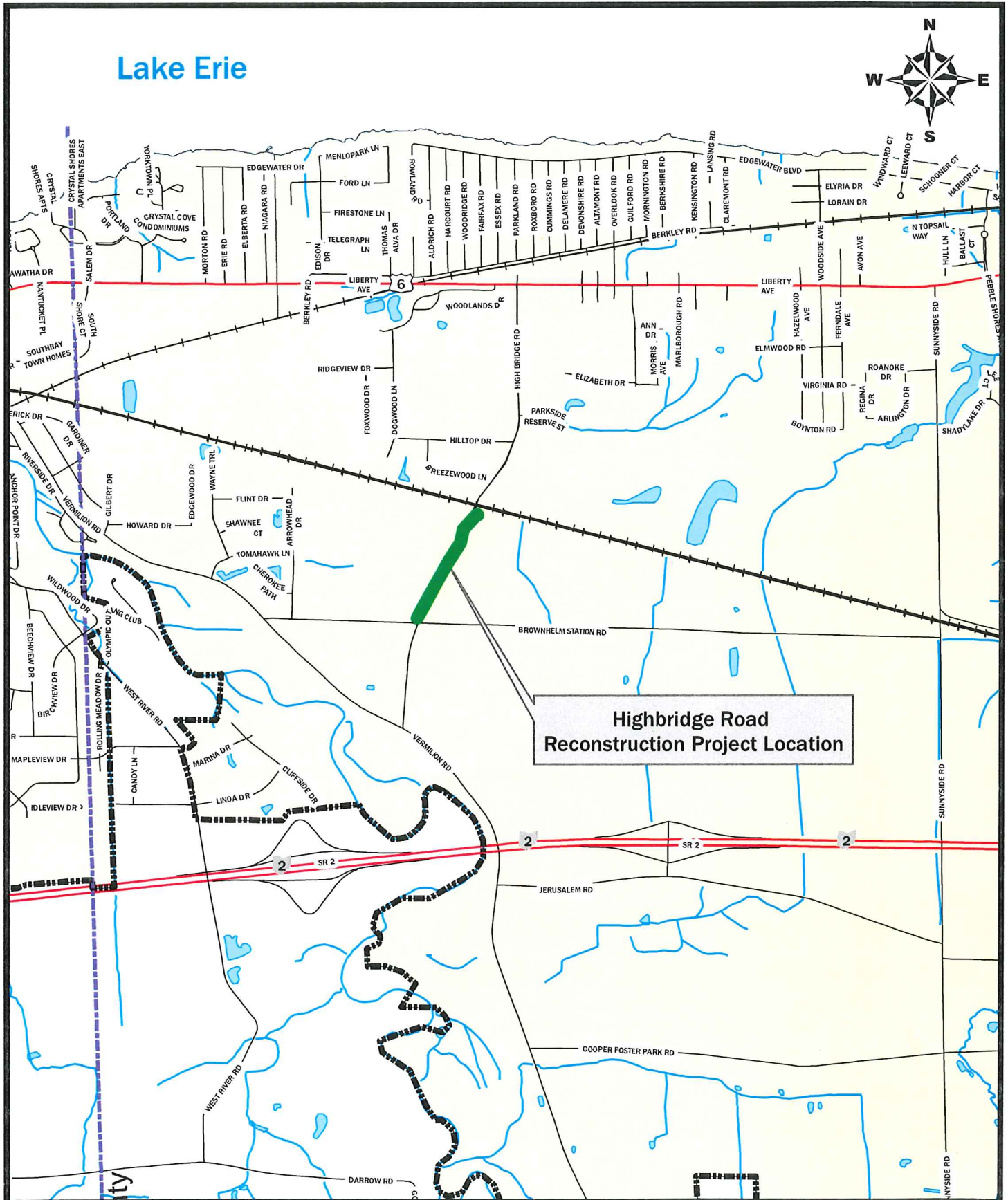
Detailed Engineer's Estimate and Useful Life Statement

REF NO.	ITEM NUMBER	ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY	ESTIMATED UNIT PRICE	ENGINEER'S ESTIMATE
TRAFFIC CONTROL						
33	630	GROUND MOUNTED SUPPORT, NO. 3 POST	FT	30	\$ 10.00	\$ 300.00
34	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	EACH	3	\$ 25.00	\$ 75.00
35	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	EACH	2	\$ 65.00	\$ 130.00
36	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	EACH	2	\$ 20.00	\$ 40.00
37	642	EDGE LINE, 4"	MILE	0.48	\$ 2,400.00	\$ 1,152.00
38	642	CENTER LINE	MILE	0.24	\$ 4,800.00	\$ 1,152.00
39	642	STOP LINE	FT	13	\$ 5.00	\$ 65.00
SECTION TOTAL TRAFFIC CONTROL :					\$	2,914.00
INCIDENTALS						
40	103	PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYMENT BOND		LUMP	\$ 7,000.00	\$ 7,000.00
41	614	MAINTAINING TRAFFIC		LUMP	\$ 20,000.00	\$ 20,000.00
42		UTILITY POLE REPLACEMENT	EACH	3	\$ 2,000.00	\$ 6,000.00
42	619	FIELD OFFICE, TYPE A	MNTH	3	\$ 1,800.00	\$ 5,400.00
41	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING		LUMP	\$ 7,000.00	\$ 7,000.00
42	624	MOBILIZATION		LUMP	\$ 25,000.00	\$ 25,000.00
SECTION TOTAL INCIDENTAL :					\$	70,400.00
SUBTOTAL:					\$	635,183.70
10% CONTINGENCY:					\$	63,518.37
TOTAL ESTIMATE:					\$	698,702.07

The estimated useful life of the Highbridge Road Reconstruction Project is 20 years.



# Highbridge Road Reconstruction Project Location Map Vermilion, Ohio



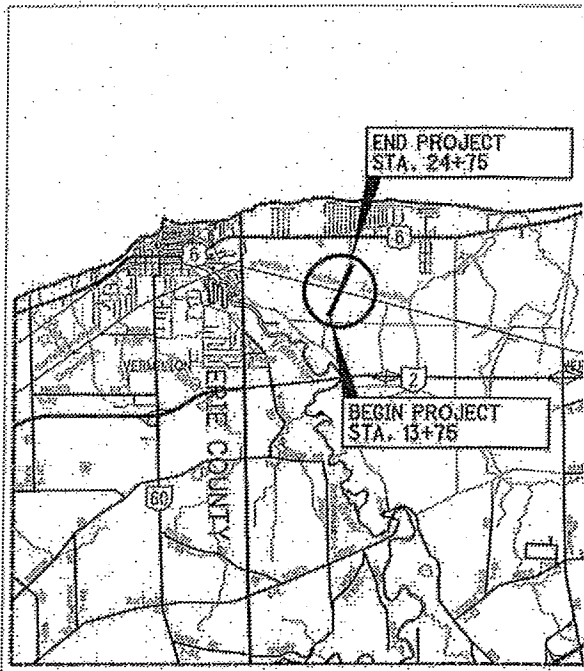
## Project Narrative

Highbridge Road is a south to north route bordered by Vermilion Road on its southern terminus and U.S. 6 at the northern terminus. Upon removal of the bridge over the Norfolk Southern Railroad tracks in the 1980s, Highbridge Road no longer functioned as a through road due to the inability to cross over the railroad. This resulted in the northern and southern sections of Highbridge Road serving essentially as an access road for the residences located north and south of the railroad, as well as the City's water tower located south of the bridge.

In 2010, the City of Vermilion applied for and received funding through ODOT's Municipal Bridge Program to replace the bridge over the NS RR tracks. The bridge will be opened to traffic in September 2018, and Highbridge Road will once again serve as a through street. The existing pavement on Highbridge Road has deteriorated significantly over the years. While this was less of a concern when the roadway only served for local access, now that the roadway will function as a through route between two major roads (Vermilion Road and U.S. 6), the pavement condition needs to be addressed to accommodate the increased traffic. The roadway has deteriorated to an extent that rehabilitation is not feasible and total replacement is required.

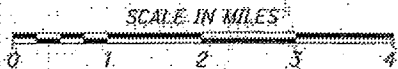
The section of pavement from Brownhelm Station Road to the new bridge is in the worst condition and least suited to handle the increased traffic. The photo log attachment shows the deteriorated condition of the existing roadway.

With the replacement of the bridge over the railroad tracks, and upon replacement of this pavement, this roadway can once again function as an important north-south route. Vehicular traffic will be able to avoid the 1.5 mile drive around to Sunnyside Road or Vermilion Road to cross the railroad tracks, and instead utilize this more direct route.



LOCATION MAP

LATITUDE: 41°24'59.66" LONGITUDE: 82°19'39.63"



- PORTION TO BE IMPROVED
- INTERSTATE HIGHWAY \_\_\_\_\_
  - STATE & FEDERAL ROUTES \_\_\_\_\_
  - COUNTY & TOWNSHIP ROADS \_\_\_\_\_
  - OTHER ROADS \_\_\_\_\_

DESIGN DESIGNATION

CURRENT ADT (2016)	1800
DESIGN YEAR ADT (2036)	2001
DESIGN HOURLY VOLUME (2036)	200
DIRECTIONAL DISTRIBUTION	55%
TRUCKS (24 HOUR B&C)	1%
DESIGN SPEED	30
LEGAL SPEED	25
DESIGN FUNCTIONAL CLASSIFICATION:	
URBAN LOCAL	
NHS PROJECT	N/A

DESIGN EXCEPTIONS

NONE

UNDERGROUND UTILITIES

CONTACT BOTH SERVICES  
CALL TWO WORKING DAYS  
BEFORE YOU DIG

CALL  
1-800-362-2764  
(TOLL FREE)

OHIO UTILITIES PROTECTION SERVICE  
NON-MEMBERS  
MUST BE CALLED DIRECTLY

OIL & GAS PRODUCERS PROTECTIVE  
SERVICE CALL: 1-800-925-0988

PLAN PREPARED BY:

**KS**  
KS ASSOCIATES  
KS Associates, Inc.  
280 Burrus Road, Suite 120  
Elgin, OH 44032  
P. 440 368-4733  
F. 440 368-4700  
www.ksohio.com

PROJECT DESCRIPTION

REPLACEMENT OF THE HIGHBRIDGE ROAD BRIDGE OVER THE NORFOLK-SOUTHERN RAILROAD INCLUDING RECONSTRUCTION OF APPROXIMATELY 0.2 MI. OF HIGHBRIDGE ROAD, APPROXIMATELY 0.5 MILES SOUTH OF LIBERTY AVENUE (US 61) IN THE CITY OF VERMILION, LORAIN COUNTY, OHIO.

PROJECT EARTH DISTURBED AREA: 2.19 ACRES  
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.10 ACRES  
NOTICE OF INTENT EARTH DISTURBED AREA: 2.29 ACRES

2016 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING CHANGES AND SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVED THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED: *[Signature]*  
DATE: 2/27/17 MAYOR, CITY OF VERMILION

APPROVED: *[Signature]*  
DATE: 2/27/17 SERVICE DIRECTOR, CITY OF VERMILION

APPROVED: *[Signature]* P.E.  
DATE: 2/27/17 CITY ENGINEER, CITY OF VERMILION

FEDERAL PROJECT NO: E100733

FBI NO: 88998

CONSTRUCTION PROJECT NO:

RAILROAD INVOLVEMENT: NORFOLK SOUTHERN

HIGHBRIDGE RD

KS Associates, Inc. 280 Burrus Road, Suite 120 Elgin, OH 44032 P. 440 368-4733 F. 440 368-4700 www.ksohio.com

# Highbridge Road Reconstruction Existing Conditions Pictures Vermilion, Ohio





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Revised: April 17, 2018

**DISTRICT 5  
CAPITAL IMPROVEMENT PROJECTS  
QUESTIONNAIRE  
ROUND 33**

Name of Applicant: City of Vermilion, Ohio  
Project Title: Highbridge Road Reconstruction Project

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= 100% 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).** 100 % structural repair.

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, microsurfacing, 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.

\*(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, 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 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.

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(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 = \$ 501,738  
B.) Total Project Cost = \$ 826,738

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A/B)= 61 %

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
<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?**

(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? 1,800 ADT (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) Per the LOR-Highbridge Road Bridge (PID 88998) Improvement Plans

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 protects” 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>\$236,416</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 1.0% (Erie)

Others Fire Operating Levy - \$268,930  
Fire Capital Levy - \$268,930  
Park Levy - \$134,468

(DO NOT INCLUDE SCHOOL TAXES)

SPECIFIC PROJECT AREA INFORMATION.

Median household income \$50,499

Monthly utility rate: Water \$44.02

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: 9/6/18

Signature: [Signature]

Title: Mayor

Address: 5511 Liberty Avenue, Vermilion, Ohio 44089

Phone: 440-204-2402

FAX: 440-204-2411

Email: jimforthofer@vermilion.net