

OFFICE OF  
ERIE COUNTY ENGINEER  
2700 COLUMBUS AVENUE  
SANDUSKY, OH 44870



**ROUND 33 OPWC SCIP & LTIP**  
**APPLICATION**

***HABER ROAD STRUCTURE V-105***  
***REPLACEMENT***

August 30, 2018

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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: ERIE COUNTY ENGINEER'S OFFICE Subdivision Code: 043-00043

District Number: 5 County: ERIE Date: 08/24/2018

Contact: MATT ROGERS, P.E. Phone: (419) 627-7711  
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: MROGERS@ERIECOUNTY.OH.GOV FAX: (419) 625-9622

**Project**

Project Name: HABER ROAD STRUCTURE V-105 REPLACEMENT Zip Code: 44089

Subdivision Type	Project Type	Funding Request Summary	
(Select one)	(Select single largest component by \$)	(Automatically populates from page 2)	
<input checked="" type="checkbox"/> 1. County	<input type="checkbox"/> 1. Road	Total Project Cost:	<u>346,000 .00</u>
<input type="checkbox"/> 2. City	<input checked="" type="checkbox"/> 2. Bridge/Culvert	1. Grant:	<u>173,000 .00</u>
<input type="checkbox"/> 3. Township	<input 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>173,000 .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
(Select one)		
<input type="checkbox"/> State Capital Improvement Program	RLP Loan - Rate: _____ % Term: _____ Yrs	Amount: _____ .00
<input type="checkbox"/> Local Transportation Improvement Program	Grant:	Amount: _____ .00
<input type="checkbox"/> Revolving Loan Program	LTIP:	Amount: _____ .00
<input type="checkbox"/> Small Government Program	Loan Assistance / Credit Enhancement:	Amount: _____ .00
District SG Priority: _____		

**For OPWC Use Only**

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

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

**1.1 Project Estimated Costs**

**Engineering Services**

Preliminary Design:	<u>1,000</u> .00		
Final Design:	<u>25,000</u> .00		
Construction Administration:	<u>33,000</u> .00		
Total Engineering Services:	a.) <u>59,000</u> .00	<u>23</u> %	
Right of Way:	b.) <u>30,000</u> .00		
Construction:	c.) <u>256,000</u> .00		
Materials Purchased Directly:	d.) <u>0</u> .00		
Permits, Advertising, Legal:	e.) <u>1,000</u> .00		
Construction Contingencies:	f.) _____ .00	<u>0</u> %	
Total Estimated Costs:	g.) <u>346,000</u> .00		

**1.2 Project Financial Resources**

**Local Resources**

Local In-Kind or Force Account:	a.) <u>49,000</u> .00		
Local Revenues:	b.) <u>124,000</u> .00		
Other Public Revenues:	c.) _____ .00		
ODOT / FHWA PID: _____	d.) _____ .00		
USDA Rural Development:	e.) _____ .00		
OEPA / OWDA:	f.) _____ .00		
CDBG:	g.) _____ .00		
<input type="checkbox"/> County Entitlement or Community Dev. "Formula"			
<input type="checkbox"/> Department of Development			
Other: _____	h.) _____ .00		
Subtotal Local Resources:	i.) <u>173,000</u> .00	<u>50</u> %	

**OPWC Funds (Check all requested and enter Amount)**

Grant: <u>100</u> % of OPWC Funds	j.) <u>173,000</u> .00		
Loan: <u>0</u> % of OPWC Funds	k.) _____ .00		
Loan Assistance / Credit Enhancement:	l.) <u>0</u> .00		
Subtotal OPWC Funds:	m.) <u>173,000</u> .00	<u>50</u> %	
Total Financial Resources:	n.) <u>346,000</u> .00	<u>100</u> %	

### 1.3 Availability of Local Funds

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

### 2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	_____ 346,000 .00	_____ 100 %
2.2 Total Portion of Project New / Expansion:	_____ 0 .00	_____ 0 %
2.3 Total Project:	_____ 346,000 .00	_____ 100 %

A Farmland Preservation letter is required for any impact to farmland

### 3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>11/01/2018</u>	End Date: <u>05/31/2019</u>
3.2 Bid Advertisement and Award	Begin Date: <u>06/01/2019</u>	End Date: <u>07/18/2019</u>
3.3 Construction	Begin Date: <u>07/19/2019</u>	End Date: <u>11/30/2019</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: 50 Years      Age: 1962 (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 150      Year 2018      Projected ADT 150      Year 2038

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: 0

Stormwater: Number of households served: 0

## 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.

On Haber Road over Edson Creek, 0.21 miles west of SR 60, on the southern corporation of the City of Vermillion. Project zip code is 44089.

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

Removal and replacement of the existing bridge. Removal of all existing bridge components and replacement with a new bridge consisting of:

- Cast in-place concrete wingwalls and footings.
- Installation of a pre-cast 4-sided reinforced concrete box culvert.
- Placement of rock channel protection.
- Placement of suitable bridge railings if required.
- Construction of roadway, pavement, and channel approaches to the proposed structure.
- Related incidental work in conjunction with the above (storm sewers, utility relocations, embankment work, etc.) to ensure a complete, functioning project.

- 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 existing bridge is a single span prestressed box beam bridge. Span is 23'-11". Width is 27' f/f railing. Abutments consist of built-up precast concrete units filled with aggregate and native soils. ODOT general appraisal rating is 5. Sufficiency rating is 49.6%

Proposed bridge: precast 4-sided concrete box culvert, 20' span x 5' rise, approximately 52' long (or as determined by hydraulic analysis) concrete wingwalls and footings.

## 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: PETE DANIEL  
Title: ADMINISTRATOR  
Address: 2900 COLUMBUS AVENUE  
  
City: SANDUSKY State: OH Zip: 44870  
Phone: (419) 627-7676  
FAX: (419) 627-6877  
E-Mail: PDANIEL@ERIECOUNTY.OH.GOV

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

Name: RICHARD H JEFFREY  
Title: AUDITOR  
Address: 247 COLUMBUS AVENUE  
  
City: SANDUSKY State: OH Zip: 44870  
Phone: (419) 627-7746  
FAX: (419) 627-7740  
E-Mail: RJEFFREY@ERIECOUNTY.OH.GOV

### 5.3 Project Manager

Name: MATT ROGERS, P.E.  
Title: PROJECT ENGINEER  
Address: 2700 COLUMBUS AVENUE  
  
City: SANDUSKY State: OH Zip: 44870  
Phone: (419) 627-7711  
FAX: (419) 625-9622  
E-Mail: MROGERS@ERIECOUNTY.OH.GOV

## 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.

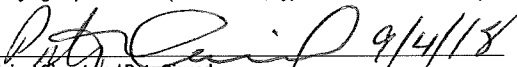
## 7.0 Applicant Certification

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.**

PETE DANIEL, ADMINISTRATOR

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

  
Original Signature / Date Signed



**COOPERATIVE AGREEMENT**

Erie County, Ohio [COUNTY] and the City of Vermilion, Ohio, [CITY] enter into a cooperative agreement to submit an application to the Ohio Public Works Commission [COMMISSION] for the following project:

***Haber Road Structure V-105 Replacement***

Should the COMMISSION, after due consideration and in accordance with its procedures, award grant funding for the project stated above in the amount of fifty (50) percent of the total project cost, subject to the limits specified in the grant agreement, the COUNTY and the CITY agree to the following provisions:

The COUNTY will provide funds equal to twenty-five (25) percent of the total project cost. Such funds will come from the COUNTY's Motor Vehicle and Gas Tax Fund.

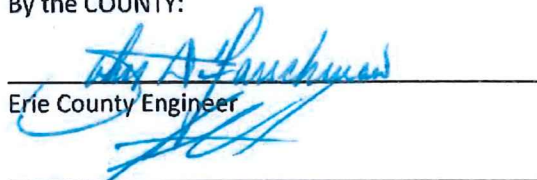
The CITY will provide funds equal to twenty-five (25) percent of the total project cost. Such funds will come from the CITY's Road Improvement Levy Fund.

The CITY authorizes the COUNTY to serve as lead applicant and to sign all necessary documents.

The COUNTY agrees to pay its twenty-five (25) percent of the cost as invoices are due, at the end of the project, or as otherwise agreed upon with the CITY.

The CITY agrees to pay its twenty-five (25) percent of the cost as invoices are due, at the end of the project, or as otherwise agreed upon with the COUNTY.

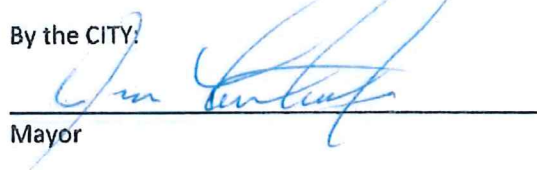
By the COUNTY:

  
\_\_\_\_\_  
Erie County Engineer

9-06-2018  
Date

  
\_\_\_\_\_  
Erie County Commissioners

September 6, 2018  
Date

By the CITY:  
  
\_\_\_\_\_  
Mayor

September 6, 2018  
Date

**RESOLUTION NO. 18-348**

**RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF  
ERIE COUNTY, OHIO, FOR THE PURPOSE OF ENTERING INTO A  
COOPERATIVE AGREEMENT WITH THE CITY OF VERMILION  
FOR THE SUBMISSION OF AN OHIO PUBLIC WORKS COMMISSION  
APPLICATION**

The Board of County Commissioners of Erie County, Ohio, met this 6th day of September 2018, in regular session with the following members present:

Patrick J. Shenigo, Mathew R. Old, and William J. Monaghan.

Mr. Monaghan introduced the following resolution and moved its adoption.

**BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF  
ERIE COUNTY, OHIO:**

**THAT**, this Board enters into a cooperative agreement with the City of Vermilion for the purpose of applying to the Ohio Public Works Commission for funding to replace Haber Road Structure V-105; and

**THAT**, Erie County is authorized to serve as the lead applicant and sign all necessary documents and contracts; and

**THAT**, Erie County will provide funds in the amount of fifty percent (50%) of the total cost of the project; and

**THAT**, this Board of County Commissioners 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.

Mr. Old seconded the motion for the adoption of said resolution; and the roll being called upon its adoption, the vote resulted as follows:

**Roll Call:** Mr. Monaghan, Aye; Mr. Old, Aye; Mr. Shenigo, Aye

**Adopted:** September 6, 2018

**CERTIFICATE**

I, Carolyn L. Hauenstein, Clerk of the Board of County Commissioners of Erie County, Ohio, hereby do certify that the above is a true and correct copy of resolution adopted by said Board under said date, and as same appears in Commissioners' Journal Volume #215.

Carolyn L. Hauenstein Clerk  
Board of County Commissioners  
of Erie County, Ohio

Approved by County Administrator

Peter S. Daniel  
10 Peter S. Daniel

**ERIE COUNTY ENGINEER'S OFFICE  
ENGINEER'S ESTIMATE OF COST**

**HABER ROAD STRUCTURE V-105 REPLACEMENT  
CITY OF VERMILION & VERMILION TOWNSHIP, ERIE COUNTY**

Item	Quantity	Unit	Description	Unit Price	Total
<b>ROADWAY</b>					
201	1.00	L.S.	Clearing And Grubbing, As Per Plan	\$ 4,000.00	\$ 4,000.00
202	100.00	Ft.	Conduit Plugged and Filled	\$ 5.00	\$ 500.00
203	302.00	C.Y.	Excavation	\$ 16.00	\$ 4,832.00
203	65.00	C.Y.	Embankment	\$ 16.00	\$ 1,040.00
204	428.00	S.Y.	Subgrade Compaction	\$ 3.00	\$ 1,284.00
204	1.00	Hr.	Proof Rolling	\$ 250.00	\$ 250.00
204	100.00	S.Y.	Geotextile Fabric, As Per Plan	\$ 7.50	\$ 750.00
Spec.	1.00	Ea.	Mailbox Support, Single	\$ 150.00	\$ 150.00
			<b>Subtotal</b>		<b>\$ 12,806.00</b>
<b>EROSION CONTROL</b>					
601	70.00	C.Y.	Rock Channel Protection, Type C, With Aggregate Filter	\$ 85.00	\$ 5,950.00
653	48.00	C.Y.	Topsoil, Furnished And Placed	\$ 75.00	\$ 3,600.00
659	656.00	S.Y.	Seeding And Mulching, Class 1	\$ 3.50	\$ 2,296.00
659	0.08	Ton	Commercial Fertilizer	\$ 1,500.00	\$ 120.00
832	1.00	L.S.	Storm Water Pollution Prevention Plan	\$ 3,000.00	\$ 3,000.00
832	4,000.00	Ea.	Erosion Control	\$ 1.00	\$ 4,000.00
			<b>Subtotal</b>		<b>\$ 18,966.00</b>
<b>DRAINAGE</b>					
603	25.00	Ft.	4" Conduit, Type C, 707.45	\$ 12.00	\$ 300.00
603	25.00	Ft.	6" Conduit, Type C, 707.45	\$ 14.00	\$ 350.00
603	25.00	Ft.	8" Conduit, Type C, 707.45	\$ 16.00	\$ 400.00
603	50.00	Ft.	12" Conduit, Type C, 706.02	\$ 55.00	\$ 2,750.00
604	1.00	Ea.	Catch Basin, No. 2-2B	\$ 1,200.00	\$ 1,200.00
			<b>Subtotal</b>		<b>\$ 5,000.00</b>
<b>PAVEMENT</b>					
301	39.00	C.Y.	Asphalt Concrete Base	\$ 200.00	\$ 7,800.00
304	72.00	C.Y.	Aggregate Base	\$ 55.00	\$ 3,960.00
407	38.00	Gal.	Tack Coat (0.075 Gal./S.Y.)	\$ 5.25	\$ 199.50
407	23.00	Gal.	Tack Coat For Intermediate Course (0.04 Gal./S.Y.)	\$ 5.25	\$ 120.75
411	5.00	C.Y.	Stabilized Crushed Aggregate	\$ 75.00	\$ 375.00
448	22.00	C.Y.	Asphalt Concrete Intermediate Course, Type 2, PG64-22	\$ 250.00	\$ 5,500.00
448	16.00	C.Y.	Asphalt Concrete Surface Course, Type 1, PG64-22	\$ 300.00	\$ 4,800.00
			<b>Subtotal</b>		<b>\$ 22,755.25</b>

<b>WATER WORK</b>					
638	100.00	Ft.	8" Water Main, PVC Pipe and Fittings, AWWA C-900 DR 18	\$ 55.00	\$ 5,500.00
638	30.00	Ft.	8" Water Main, HDPE Pipe and Fittings, DR 11, As Per Plan	\$ 100.00	\$ 3,000.00
638	2.00	Ea.	8" Cutting-In Sleeve, Valve, and Valve Box	\$ 2,500.00	\$ 5,000.00
<b>Subtotal</b>					<b>\$ 13,500.00</b>
<b>STRUCTURES UNDER 20' SPAN</b>					
202	1.00	L.S.	Structure Removed, Greater Than 20' Span	\$ 5,000.00	\$ 5,000.00
503	1.00	L.S.	Cofferdams and Excavation Bracing, As Per Plan	\$ 3,000.00	\$ 3,000.00
503	1.00	L.S.	Unclassified Excavation	\$ 5,000.00	\$ 5,000.00
509	6,000.00	Lbs.	Epoxy Coated Reinforcing	\$ 1.50	\$ 9,000.00
511	37.00	C.Y.	Class C Concrete, Footing	\$ 350.00	\$ 12,950.00
511	11.00	C.Y.	Class C Concrete, Headwall Not Including Footing	\$ 575.00	\$ 6,325.00
512	35.00	S.Y.	Sealing of Concrete Surfaces (Epoxy Urethane)	\$ 25.00	\$ 875.00
512	176.00	S.Y.	Type 2 Waterproofing	\$ 25.00	\$ 4,400.00
518	38.00	C.Y.	Porous Backfill with Filter Fabric, As Per Plan	\$ 53.25	\$ 2,023.50
518	84.00	Ft.	6" Pipe, 707.41, Including Specials	\$ 14.00	\$ 1,176.00
518	6.00	Ft.	6" Pipe, 707.45, Including Specials	\$ 14.00	\$ 84.00
603	52.00	Ft.	20' x 5' Conduit, Type A, 706.05	\$ 1,500.00	\$ 78,000.00
<b>Subtotal</b>					<b>\$ 127,833.50</b>
<b>MAINTAINING TRAFFIC</b>					
502	1.00	L.S.	Structure for Maintaining Traffic	\$ 15,000.00	\$ 15,000.00
611	1.00	Ea.	Catch Basin, No. 2-2B	\$ 1,200.00	\$ 1,200.00
614	1.00	L.S.	Maintaining Traffic	\$ 3,039.25	\$ 3,039.25
615	400.00	S.Y.	Pavement for Maintaining Traffic, Class B	\$ 75.00	\$ 30,000.00
<b>Subtotal</b>					<b>\$ 49,239.25</b>
<b>MISCELLANEOUS</b>					
103.05	1.00	L.S.	Premium For Contract Performance And Maintenance Bond	\$ 2,400.00	\$ 2,400.00
623	1.00	L.S.	Construction Layout Stakes, As Per Plan	\$ 3,500.00	\$ 3,500.00
<b>Subtotal</b>					<b>\$ 5,900.00</b>

<b>CONSTRUCTION COST ESTIMATE</b>	<b>\$ 256,000.00</b>
<b>PRELIMINARY ENGINEERING</b>	<b>\$ 1,000.00</b>
<b>FINAL DESIGN</b>	<b>\$ 25,000.00</b>
<b>RIGHT-OF-WAY (INCLUDING UTILITY RELOCATIONS)</b>	<b>\$ 30,000.00</b>
<b>PERMITS, ADVERTISING, LEGAL:</b>	<b>\$ 1,000.00</b>
<b>CONSTRUCTION ADMINISTRATION (INSPECTION, TESTING, AND CONSTRUCTION ENGINEERING)</b>	<b>\$ 33,000.00</b>

**TOTAL PROJECT COST \$ 346,000.00**

**Certification:**

I hereby certify that the estimated useful life of the above-referenced improvements is 50 years.

Certified by: \_\_\_\_\_

Date: \_\_\_\_\_

*[Handwritten Signature]*

*08-28-2018*



**RESOLUTION NO. 18-350**

**RESOLUTION OF THE BOARD OF COUNTY COMMISSIONERS OF ERIE COUNTY, OHIO, FOR THE PURPOSE OF AUTHORIZING THE COUNTY ADMINISTRATOR TO SUBMIT AN APPLICATION TO THE OHIO PUBLIC WORKS COMMISSION AND TO EXECUTE CONTRACTS AS REQUIRED FOR PROJECTS PROPOSED BY THE ERIE COUNTY ENGINEER**

The Board of County Commissioners of Erie County, Ohio, met this 6th day of September, 2018, in regular session with the following members present:

Patrick J. Shenigo, Mathew R. Old, and William J. Monaghan.

Mr. Monaghan introduced the following resolution and moved its adoption.

**BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ERIE COUNTY, OHIO:**

**THAT**, this Board hereby authorizes the County Administrator to submit an Ohio Public Works Commission application for the Haber Road V-105 bridge replacement, Columbus Avenue P-209 bridge replacement, and the Perkins Avenue resurfacing project, for the Erie County Engineer, and to execute contracts; and

**THAT**, this Board of County Commissioners 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.

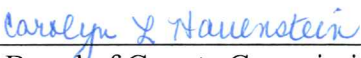
Mr. Old seconded the motion for the adoption of said resolution; and the roll being called upon its adoption, the vote resulted as follows:

**Roll Call:** Mr. Monaghan, Aye; Mr. Old, Aye; Mr. Shenigo, Aye

**Adopted:** September 6, 2018

**CERTIFICATE**

I, Carolyn L. Hauenstein, Clerk of the Board of County Commissioners of Erie County, Ohio, hereby do certify that the above is a true and correct copy of resolution adopted by said Board under said date, and as same appears in Commissioners' Journal Volume #215.

  
Clerk  
Board of County Commissioners  
of Erie County, Ohio

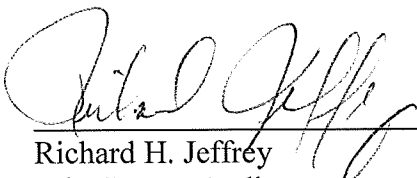
Approved by County Administrator

  
Peter S. Daniel

FISCAL OFFICER'S CERTIFICATE

I, Richard H. Jeffrey, Auditor of Erie County, hereby certify that Erie County has the amount of \$173,000 in the Motor Vehicle and Gas Tax Fund account and that this amount will be used to pay the local share for the Haber Road Structure V-105 Replacement project when it is required.

Signed this 29<sup>th</sup> day of August, 2018.

  
Richard H. Jeffrey  
Erie County Auditor

# 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 \$86,500 in the Road Improvement Fund (200) and that this amount will be used to pay the local share for the Haber Road Bridge Replacement Project when it is required.

Amy L. Hendricks  
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Revised: April 17, 2018

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

Name of Applicant: ERIE COUNTY ENGINEER'S OFFICE

Project Title: HABER ROAD STRUCTURE V-105 REPLACEMENT

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= 0 %, replacement B=100%, expansion C= 0 %, and new D= 0 %? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= 100% C+D= 0 %

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

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

2. Give the physical condition rating:

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

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

Poor:

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

Fair:

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



Good: The condition is safe and suitable to purpose. Infrastructure is functioning as originally intended, but requires minor repairs and/or upgrades to meet current design standards.

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

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

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

## ROADS

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

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

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

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

Minimal: Preventative Maintenance of a Major Access Road.

No Impact: Preventative Maintenance of a Minor Access Road.

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

### *Road/Street Classifications:*

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

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

*Preventative Maintenance: Non Structural Pavement work such as chip sealing, cape sealing, 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 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 X\_\_, Major \_\_\_\_, Moderate \_\_\_\_, Minimal \_\_\_\_, No Impact \_\_\_\_. Explain your answer.

Bridge sufficiency rating of 27-50, or a General Appraisal rating of 4

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



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? 150 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.)

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

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

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

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

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

- District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.
  - Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more

cost-effective if regionalized.

- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at <http://www.pwc.state.oh.us/SmallGovernment.html>**

- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.

- Supplemental assistance is not provided to projects previously funded by the Commission.

- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. **It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.**

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

#### 11. MANDATORY INFORMATION, DISTRICT 5, DISCRETIONARY RANKING POINTS

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

Permissive license fee	4504.02 or 4504.06	<u>\$5.00</u>
	4504.15 or 4504.17	<u>\$5.00</u>
	4504.16 or 4504.171	<u>\$5.00</u>
	4504.172	_____
	4504.18	_____
Special property taxes	5555.48	_____
	5555.49	_____



Municipal Income Tax \_\_\_\_\_

County Sales Tax 1% (\$16,142,194)

Others LODGING TAX - 4% (5,459,583)

CONVEYANCE FEE - \$4.00 PER \$1,000 (\$266,925)

(DO NOT INCLUDE SCHOOL TAXES)

SPECIFIC PROJECT AREA INFORMATION.

Median household income \$48,204

Monthly utility rate: Water \$29.24

Sewer \$32.62

Other \_\_\_\_\_

List any special user fees or assessment (be specific)

LICENSES - \$806,811

GASOLINE - \$1,569,535

AUTO REGISTRATION - \$1,818,957

POLITICAL SUBDIVISION= ERIE COUNTY

COUNTY= ERIE

DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)= \_\_\_\_\_  
(25-20-15)

Date: 09-07-2018

Signature: 

Title: Project Engineer

Address: 2700 Columbus Avenue, Sandusky, Ohio 44870

Phone: 419-627-7711

FAX: 419-625-9622

Email: mrogers@eriecounty.oh.gov

District 5

Capital Improvement Project

Priority Rating Sheet, Round 33

Revised 04/17/18

COUNTY: Erie		PROJECT NUMBER													
PROJECT: Haber Rd Bridge V-105															
EST. COST: \$346,000															
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS					"A" x "B"					No.		
			0	2	4	6	8	10	0	2	4	6		8	10
1	1	(Repair or Replace) vs. (New or Expansion)	0	2	4	6	8	10	0% + Repair or Replacement	20% + Repair or Replacement	40% + Repair or Replacement	60% + Repair or Replacement	80% + Repair or Replacement	100% + Repair or Replacement	1
2	1.5	Existing Physical Condition:  Must submit substantiating documentation and CIR (100% New or Expansion = 0 Points)	0	2	4	6	8	10	Excellent	Good	Fair	Poor	Critical	Closed or Not Operating	2
3	2	Public Health and/or Public Safety Concerns  Submittals without supporting documentation will receive 0 points for this question.	0	2	4	6	8	10	No Impact	Minimal	Moderate	Major	Critical	Extremely Critical	3
4	2	Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget, assessments, rates or tax revenues) *	0	2	4	6	8	10	0%+	10%+	20%+	30%+	40%+	50%+	4
5	1	OTHER FUNDING SOURCES  (Excluding Issue II Funds)  (Grants and other revenues not contributed or collected through taxes by the applicant; including Gifts, Contributions, etc. - must submit copy of award or status letter.)	0	2	4	6	8	10	0%+	10%+	20%+	30%+	40%+	50%+	5
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS					"A" x "B"					No.		
6	2	OPWC Grant and Loan Funding Requested. Please refer to Item 6 on Questionnaire for Clarification.	-9	-8	0	8	10		Grant or Loan Only \$500,001	\$400,001 to	\$325,001	\$275,001	\$175,001	\$175,000 or less	6
	2								Grant/Loan Combination \$750,000	\$600,001 to	\$487,501 to	\$412,501 to	\$262,501 to	\$262,500 or less	6
When scoring a project that is only grant or only loan. Please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score.															
No.	"A" WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	"B" PRIORITY FACTORS					"A" x "B"					No.		
			0	2	4	6	8	10	0	2	4	6		8	10
7	1	Will the Proposed Project Create Permanent jobs or retain jobs that would otherwise be permanently lost (Written Documentation Required)	0	2	4	6	8	10	0+ jobs	7+ jobs	15+ jobs	25+ jobs	50+ jobs	100+ jobs	8
8	1	Benefits to Existing Users such as households, (Equivalent dwelling units), traffic Counts, etc.	0	2	4	6	8	10	0+	100+	350+	500+	750+	1000+	9
9		SUBTOTAL RANKING POINTS (MAX. = 115)						Other Info:  Does this project have a significant impact on productive farmland? YES NO  Attach impact statement if yes.  Is the Applicant ready to proceed to bids after State Approval within 6 months? YES NO					77		
10		COUNTY PRIORITY POINTS (25-2015)													
11		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX = 12)													
12		GRAND TOTAL RANKING POINTS													

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

## 2018 Ohio Public Works Commission Bridge Application



**Haber Road Structure V-105.**  
General view looking to east. Bridge is on Haber Road just west of SR 60 and spans Edson Creek.



**Haber Road Structure V-105.**  
General view of bridge. Bridge is a single-span concrete box beam structure (span 23.92 feet) on built-up precast concrete abutments.



**Haber Road Structure V-105.**  
Extensive deterioration of fascia beam concrete. Exposed prestressing strands (note the two strands completely broken and hanging down). Loss of prestress forces.



**Haber Road Structure V-105.**  
Extensive deterioration of fascia beam concrete. Exposed prestressing strands and reinforcing stirrups. Loss of prestress forces.

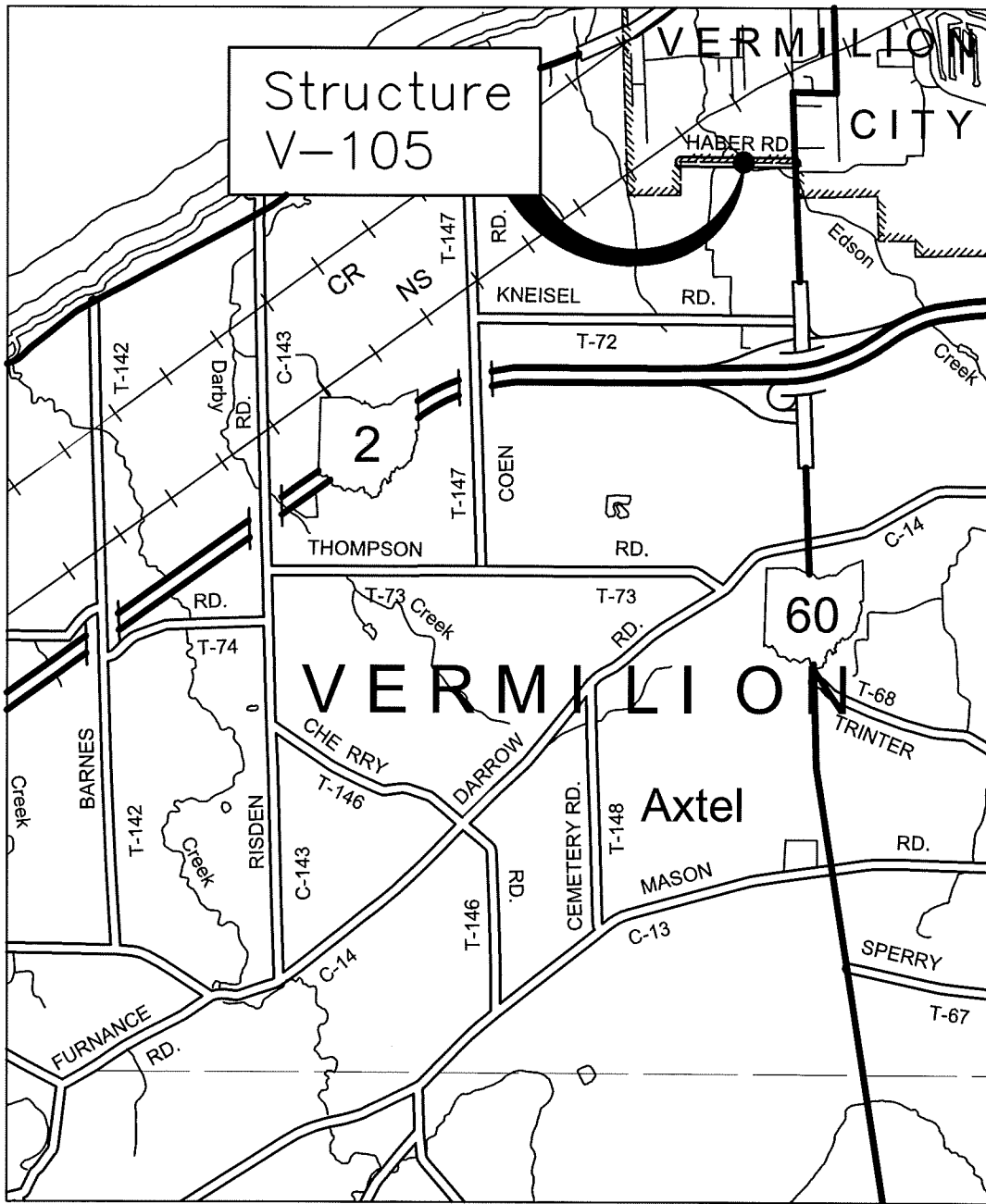


**Haber Road Structure V-105.**  
Significant efflorescence on interior structure joints. Saturation of concrete surrounding beam joints.



**Haber Road Structure V-105.**  
Leakage, saturation, efflorescence, and cracking at beam joints. Probably loss of prestress in strands in vicinity of cracking. These are areas of deteriorated concrete where future spalls are imminent.

# LOCATION MAP



HABER RD. STRUCTURE V-105  
REPLACEMENT



Not to Scale

**Nu-Metrics Traffic Analyzer Study  
Computer Generated Summary Report  
City: VERMILION TWP  
Street: HABER RD**

A study of vehicle traffic was conducted with HI-STAR unit number 4554. The study was done in the EB & WB lane at HABER RD in VERMILION TWP, OH in ERIE county. The study began on Aug/27/2018 at 12:00:00 PM and concluded on Aug/28/2018 at 12:00:00 PM, lasting a total of 24.00 hours. Traffic statistics were recorded in 15 minute time periods. The total recorded volume showed 150 vehicles passed through the location with a peak volume of 7 on Aug/27/2018 at [18:45-19:00] and a minimum volume of 0 on Aug/27/2018 at [12:30-12:45]. The AADT count for this study was 150.

**SPEED**

Chart 1 lists the values of the speed bins and the total traffic volume for each bin. At least half the vehicles were traveling in the 25 - 30 MPH range or lower. The average speed for all classified vehicles was 24 MPH with 17.21% vehicles exceeding the posted speed of 25 MPH. The HI-STAR found 0.82 percent of the total vehicles were traveling in excess of 55 MPH. The mode speed for this traffic study was 25MPH and the 85th percentile was 30.91 MPH.

< to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to >					
10	8	19	26	38	11	3	3	2	1	0	0	0	0	1					

CHART 1

**CLASSIFICATION**

Chart 2 lists the values of the classification bins and the total traffic volume accumulated for each bin. Most of the vehicles classified during the study were Vans & Pickups. The number of Passenger Vehicles in the study was 0 which represents 0 percent of the total classified vehicles. The number of Vans & Pickups in the study was 105 which represents 86 percent of the total classified vehicles. The number of Busses & Trucks in the study was 0 which represents 0 percent of the total classified vehicles. The number of Tractor Trailers in the study was 17 which represents 0 percent of the total classified vehicles.

< to 21	22 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80 to 139	140 to >												
105	15	1	0	1	0	0	0												

CHART 2

**HEADWAY**

During the peak traffic period, on Aug/27/2018 at [18:45-19:00] the average headway between vehicles was 112.5 seconds. During the slowest traffic period, on Aug/27/2018 at [12:30-12:45] the average headway between vehicles was 900 seconds.

**WEATHER**

The roadway surface temperature over the period of the study varied between 80.00 and 125.00 degrees F.



STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
BRIDGE INSPECTION FIELD REPORT

Structure File Number: 2231271

Inventory Bridge Number: ERI T0071 00.250

Bridge Type: 2 - PRESTRESSED CONCRETE/3 -  
BOX BEAM/1 - SIMPLE

Sufficiency Rating: 49.6

Date Built: 7/1/1962

District: 03 Place Code (FIPS): VERMILION

HABER RD TR71 over HABER RD-EDSON CR-V105 Type of Service on: HIGHWAY

Key: "Qty" = Quantity for Element Level inspection; "(LF)" = Linear Feet; "(SF)" = Square Feet; "(EA)" = Each or count; "CR" = 1-4 Condition Rating or average of worst span unless Summary item 9-0, then the average of entire bridge influenced by the bold boxes; "TR" = Transition Rating or weighted average of condition states; "d" = dedicated or specific chart and guidance, all others use Material specific chart/guidance; "c" = condition prefix; "N" = NBIS rating

Inspection Procedures

Comments

APPROACH

c1. Approach Wearing Surface

Low spots and rutting.  
Cracks throughout.

c5. Guardrail

Low on south side.  
Moderate rust throughout.  
Some corrosion holes.

DECK

c8. Wearing Surface

Minor longitudinal cracks.  
Transverse cracks at bridge ends.  
Rated down due to continued leakage of beam joints.

c11. Railing

Minor to moderate rust with some section loss.

SUPERSTRUCTURE

c15.1 Beams/Girders

Extensive spalls in both fascias with exposed strands (1 strand in north fascia, 4 total strands in south fascia). Load rating eliminates 3 strands in N fascia, and 12 strands in S fascia.

Spalls and delamination on beams at 1st and 2nd joints from south.  
Leakage with heavy efflorescence, entire length of fascia joints, also 2nd and 3rd joints from north.  
Moderate leakage at other interior joints.

c26. Bearing Devices

Minor crushing.

SUBSTRUCTURE

c33. Abutment Walls

Minor spalls with exposed steel throughout.

c34. Abutment Caps

STATE OF OHIO DEPARTMENT OF TRANSPORTATION  
BRIDGE INSPECTION FIELD REPORT

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Sufficiency Rating: 49.6

Date Built: 7/1/1962

District: 03 Place Code (FIPS): VERMILION

HABER RD TR71 over HABER RD-EDSON CR-V105 Type of Service on: HIGHWAY

Minor diagonal and vertical cracks.

c40. Wingwalls

Tree roots are displacing blocks in the northwest wall.

CHANNEL

c51. Alignment

Flows against west abutment.