



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: Wood County Subdivision Code: 173-00173
District Number: 5 County: Wood Date: 09/04/2020
Contact: Joanie Cherry, P.E. Phone: (419) 354-9053
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)
Email: jcherry@co.wood.oh.us FAX: (419) 354-1409

Project

Project Name: Lemoyne Road Bridge No. 4-111E Replacement Zip Code: 43465

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>554,374 .00</u>
<input type="checkbox"/> 2. City	<input checked="" type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>275,000 .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>275,000 .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: _____ 0 .00

Final Design: _____ 0 .00

Construction Administration: _____ 0 .00

Total Engineering Services: a.) _____ 0 .00 _____ 0 %

Right of Way: b.) _____ 0 .00

Construction: c.) _____ 527,976 .00

Materials Purchased Directly: d.) _____ 0 .00

Permits, Advertising, Legal: e.) _____ 0 .00

Construction Contingencies: f.) _____ 26,398 .00 _____ 5 %

Total Estimated Costs: g.) _____ 554,374 .00

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account: a.) _____ 0 .00

Local Revenues: b.) _____ 279,374 .00

Other Public Revenues: c.) _____ 0 .00

ODOT / FHWA PID: _____ d.) _____ 0 .00

USDA Rural Development: e.) _____ 0 .00

OEPA / OWDA: f.) _____ 0 .00

CDBG: g.) _____ 0 .00

☐ County Entitlement or Community Dev. "Formula"

☐ Department of Development

Other: _____ h.) _____ 0 .00

Subtotal Local Resources: i.) _____ 279,374 .00 _____ 50 %

OPWC Funds (Check all requested and enter Amount)

Grant: _____ 100 % of OPWC Funds j.) _____ 275,000 .00

Loan: _____ 0 % of OPWC Funds k.) _____ 0 .00

Loan Assistance / Credit Enhancement: l.) _____ 0 .00

Subtotal OPWC Funds: m.) _____ 275,000 .00 _____ 50 %

Total Financial Resources: n.) _____ 554,374 .00 _____ 100 %

1.3 Availability of Local Funds

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

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project Repair / Replacement:	<u>554,374</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>554,374</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>08/01/2020</u>	End Date: <u>05/07/2021</u>
3.2 Bid Advertisement and Award	Begin Date: <u>06/04/2021</u>	End Date: <u>07/09/2021</u>
3.3 Construction	Begin Date: <u>08/18/2021</u>	End Date: <u>11/17/2021</u>

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

Failure to meet project schedule may result in termination of agreement for approved projects.

Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

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

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 57 Years Age: 1940 (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 850 Year 2018 Projected ADT _____ Year _____

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

Residential Water Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Residential Wastewater Rate Current \$ _____ Proposed \$ _____

Number of households served: _____

Stormwater: Number of households served: _____

4.3 Project Description

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

The Lemoyne Road Bridge No. 4-111E replacement project is located over Dry Creek in Lake Township, Wood County, Ohio. The bridge is located approximately 0.52 miles north of the intersection of Walbridge Road and Lemoyne Road.

A Norfolk Southern Railroad at grade crossing is located 0.078 miles north of the bridge.

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

The Lemoyne Road bridge replacement project consists of replacing the existing bridge which is in critical condition (3P, 2.0% sufficiency rating) with a four sided box structure. The bridge will be widened to accommodate 2~11 foot lanes plus shoulders.

Rock channel protection, embankment and approach roadway work will also be part of the project. The new bridge will be designed per the AASHTO LRFD Specifications and the ODOT Bridge Design Manual.

Norfolk Southern Railroad has an at grade crossing immediately north of the bridge. The tracks are blocked anywhere from 2 hours to a day at a time. The bridge will be built part width to allow traffic to travel south when the tracks are blocked.

The existing bridge is load limited at 12 tons. Truck traffic from an adjacent business travels over the bridge when the railroad tracks are blocked. It is very important to replace the existing bridge with one which can safely accommodate the type of traffic which frequently travels over it.

- 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 was built in 1915 and rehabbed in 1940. It is a single span reinforced concrete slab bridge on stone abutments and load limited for 12 tons.. The bridge length is 20'-6" and the clear roadway width is 24'-4" feet.

The proposed bridge is a 20'x10' box culvert with a length of 32'-0". There will be 2~11' lanes plus 4' shoulders. Approximately 200' of approach pavement will be replaced and guardrail installed.

The Weighted Useful Life of the new bridge is 57.1 years.

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: Doris I. Herringshaw, Ed.D
Title: Wood County Commissioner
Address: One Courthouse Square

City: Bowling Green State: OH Zip: 43402
Phone: (419) 354-9100
FAX: (419) 354-1522
E-Mail: commissioners@co.wood.oh.us

5.2 Chief Financial Officer

(Can not also serve as CEO)

Name: Matthew Oestreich
Title: Wood County Auditor
Address: One Courthouse Square

City: Bowling Green State: OH Zip: 43402
Phone: (419) 354-9150
FAX: (419) 354-9370
E-Mail: auditor@co.wood.oh.us

5.3 Project Manager

Name: Joanie Cherry, P.E.
Title: Bridge Project Manager
Address: One Courthouse Square

City: Bowling Green State: OH Zip: 43402
Phone: (419) 354-9053
FAX: (419) 354-1402
E-Mail: jcherry@co.wood.oh.us

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.

John M. Musteric, P.E., P.S., County Engineer

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

 10 SEP 2020
Original Signature / Date Signed

RESOLUTION NO. 20-1037

In the matter of application for State Issue I) County Commissioners' Office,
financing for projects within Wood County.) Wood County, Ohio,
September 8, 2020.

WHEREAS, State Issue I financing may be available to partially fund the projects listed below within Wood County; and

1. Lemoyne Road Bridge No. 4-111E Replacement Project, Lake Township
2. Cygnet Road Reconstruction Project, Jackson Township

therefore be it

RESOLVED, by the Board of County Commissioners of Wood County, Ohio, that John M. Musteric, Wood County Engineer, be and is hereby authorized to file an application for Issue I funds, to help finance said projects, and Doris I. Herringshaw, Ed.D., President, Board of County Commissioners is hereby authorized to sign and submit applications and execute contracts and related documentation for said funding.

Commissioner Lahote moved and Commissioner Bowlus seconded the foregoing resolution, and the roll being called on its adoption, the vote resulted as follows:

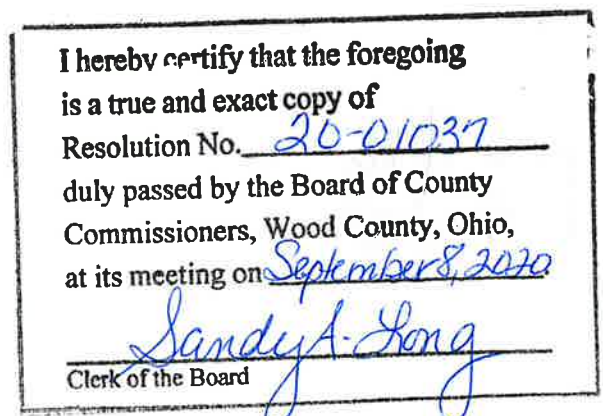
DR. THEODORE H. BOWLUS yes CRAIG LAHOTE yes DORIS I. HERRINGSHAW, Ed.D. yes

Attest:

Sandy A. Long
Clerk of said Board.

dms

cc: Certified Copy - Engineer, Joan Cherry & Jason Sisco
File



Matthew Oestreich, Wood County Auditor



One Courthouse Square
Bowling Green, Ohio 43402
www.co.wood.oh.us/auditor
419-354-9150 or 1-866-860-4140
auditor@co.wood.oh.us



September 10, 2020

I, Matthew Oestreich, Wood County Auditor hereby certify that the Wood County Engineer has the unencumbered amount of \$10,767,077 in the 060 MV & GT Fund and that this amount will be used to pay the local share for the following projects:

	Grant	Local Share
Lemoyne Road Bridge No. 4-111E Replacement Cygnat Road Reconstruction Project	\$275,000.00 \$274,300.00	\$279,374.00 \$274,300.00

when it is required.

WOOD COUNTY AUDITOR

A handwritten signature in black ink, appearing to read "Matthew Oestreich".

Matthew Oestreich

MO:JB

Estimate 20122

Estimated Cost:\$527,976.77

Contingency: 5.00%

Estimated Total: \$554,375.61

Lemoyne Road over Dry Creek Bridge Replacement

Base Date: 09/09/20

Spec Year: 19

Unit System: E

Work Type: BRIDGE REPLACEMENT

Highway Type:

Urban/Rural Type: RURAL CLASS

Season: SUMMER

County: WOOD

Latitude of Midpoint: 0

Longitude of Midpoint: 0

District: 02

Federal/State Project Number:

Prepared by DGL Consulting Engineers, LLC on 09/09/20



<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					

Group 0001: Roadway

0001	201E11000	1.000	LS	\$5,000.00000	\$5,000.00
CLEARING AND GRUBBING					
0002	203E10000	100.000	CY	\$22.78387	\$2,278.39
EXCAVATION					
0003	204E10000	300.000	SY	\$2.46191	\$738.57
SUBGRADE COMPACTION					
0004	606E15050	100.000	FT	\$20.53527	\$2,053.53
GUARDRAIL, TYPE MGS					
0005	606E35002	4.000	EACH	\$2,171.21677	\$8,684.87
MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1					
0006	606E26100	4.000	EACH	\$2,111.53439	\$8,446.14
ANCHOR ASSEMBLY, TYPE E					

Total for Group 0001:\$27,201.50

Group 0002: Erosion Control

0007	601E32200	50.000	CY	\$148.29808	\$7,414.90
ROCK CHANNEL PROTECTION, TYPE C WITH FILTER					
0008	659E00300	20.000	CY	\$49.59949	\$991.99
TOPSOIL					
0009	659E10000	150.000	SY	\$1.67053	\$250.58
SEEDING AND MULCHING					
0010	659E14000	10.000	SY	\$1.16261	\$11.63
REPAIR SEEDING AND MULCHING					
0011	659E20000	1.000	TON	\$601.28707	\$601.29
COMMERCIAL FERTILIZER					
0012	659E31000	1.000	ACRE	\$42.79709	\$42.80
LIME					
0013	659E35000	2.000	MGAL	\$1.76112	\$3.52
WATER					

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u> <u>Supplemental Description</u>					
0014	832E30000 EROSION CONTROL	1,000.000	EACH	\$1.00000	\$1,000.00

Total for Group 0002:\$10,316.71

Group 0003: Pavement

0015	301E46000 ASPHALT CONCRETE BASE, PG64-22	45.000	CY	\$223.28744	\$10,047.93
0016	304E20000 AGGREGATE BASE	80.000	CY	\$72.35484	\$5,788.39
0017	407E10000 TACK COAT	15.000	GAL	\$2.36908	\$35.54
0018	441E50400 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), (DRIVEWAYS)	7.500	CY	\$386.94387	\$2,902.08
0019	441E50000 ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	23.000	CY	\$297.62609	\$6,845.40

Total for Group 0003:\$25,619.34

Group 0004: Maintenance of Traffic

0020	502E11100 STRUCTURE FOR MAINTAINING TRAFFIC	1.000	LS	\$50,000.00000	\$50,000.00
0021	615E20000 PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	445.000	SY	\$69.23779	\$30,810.82

Total for Group 0004:\$80,810.82

Group 0005: Traffic Control

0022	642E50010 PAVEMENT MARKING, MISC.:	1.000	EACH	\$2,000.00000	\$2,000.00
------	---------------------------------------	-------	------	---------------	------------

Total for Group 0005:\$2,000.00

Group 0006: Structure

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u> <u>Supplemental Description</u>					
0023	202E11000 STRUCTURE REMOVED	1.000	LS	\$100,000.00000	\$100,000.00
0024	202E23500 WEARING COURSE REMOVED	40.000	SY	\$11.12657	\$445.06
0025	503E11100 COFFERDAMS AND EXCAVATION BRACING	1.000	LS	\$50,000.00000	\$50,000.00
0026	509E10000 EPOXY COATED REINFORCING STEEL	10,000.000	LB	\$1.41625	\$14,162.50
0027	511E46010 CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	35.000	CY	\$614.50851	\$21,507.80
0028	511E46510 CLASS QC1 CONCRETE, FOOTING	100.000	CY	\$394.23027	\$39,423.03
0029	512E10050 SEALING OF CONCRETE SURFACES (NON-EPOXY)	125.000	SY	\$11.41033	\$1,426.29
0030	512E33000 TYPE 2 WATERPROOFING	70.000	SY	\$23.79605	\$1,665.72
0031	512E33010 TYPE 3 WATERPROOFING	250.000	SY	\$26.17283	\$6,543.21
0032	516E13600 1" PREFORMED EXPANSION JOINT FILLER	75.000	SF	\$5.34945	\$401.21
0033	517E70000 RAILING (TWIN STEEL TUBE)	50.000	FT	\$124.49829	\$6,224.91
0034	518E21200 POROUS BACKFILL WITH GEOTEXTILE FABRIC	15.000	CY	\$81.91103	\$1,228.67
0035	611E96460 20' X 10' CONDUIT, TYPE A, 706.05	32.000	FT	\$3,000.00000	\$96,000.00
Total for Group 0006:					\$339,028.40

Group 0007: Incidentals

<u>Line #</u>	<u>Item Number</u>	<u>Quantity</u>	<u>Units</u>	<u>Unit Price</u>	<u>Extension</u>
<u>Description</u>					
<u>Supplemental Description</u>					
0036	614E11000	1.000	LS	\$15,000.00000	\$15,000.00
MAINTAINING TRAFFIC					
0037	623E10000	1.000	LS	\$8,000.00000	\$8,000.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING					
0038	624E10000	1.000	LS	\$20,000.00000	\$20,000.00
MOBILIZATION					

Total for Group 0007:\$43,000.00

Lemoyne Road Bridge No. 4-111E over Dry Creek, Lake Township
Weighted Useful Life & Design Service Capacity Calculations

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Full-depth road construction w/ drainage	198.40	100.00	19839.58	25.00	4959.89
Full-depth road construction w/o drainage				25.00	
Partial-depth road construction w/ drainage				15.00	
Partial-depth road construction w/o drainage				15.00	
Storm Sewers				40.00	
Sanitary Sewers				40.00	
Water Lines				40.00	
Bridge	355.98	100.00	35597.98	75.00	26698.49
Pumps, Lift Stations				15.00	
Sidewalks				25.00	
Bike Facility				7.00	
Totals	554.38		55437.56		31658.38

Weighted Useful Life:	57.1	Years
------------------------------	-------------	--------------

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace	100	%
Portion New / Expansion		%



FARMLAND PRESERVATION REVIEW LETTER

FARMLAND PRESERVATION REVIEW FOR THE OHIO PUBLIC WORKS COMMISSION

Lemoyne Road Bridge 4-111E over Dry Creek Replacement, Lake Township
September 2, 2020

This review is to comply with Farmland Preservation Review Advisory of the Ohio Public Works Commission and the Governor's Executive Order 98-IIV. This review was accomplished by the Wood County Engineer's Office.

1. The immediate impact the project will have on productive agricultural and grazing land related to land acquisition.

None known

2. Indirect impact that will result in the loss of productive agricultural and grazing land from development related to the project.

None known

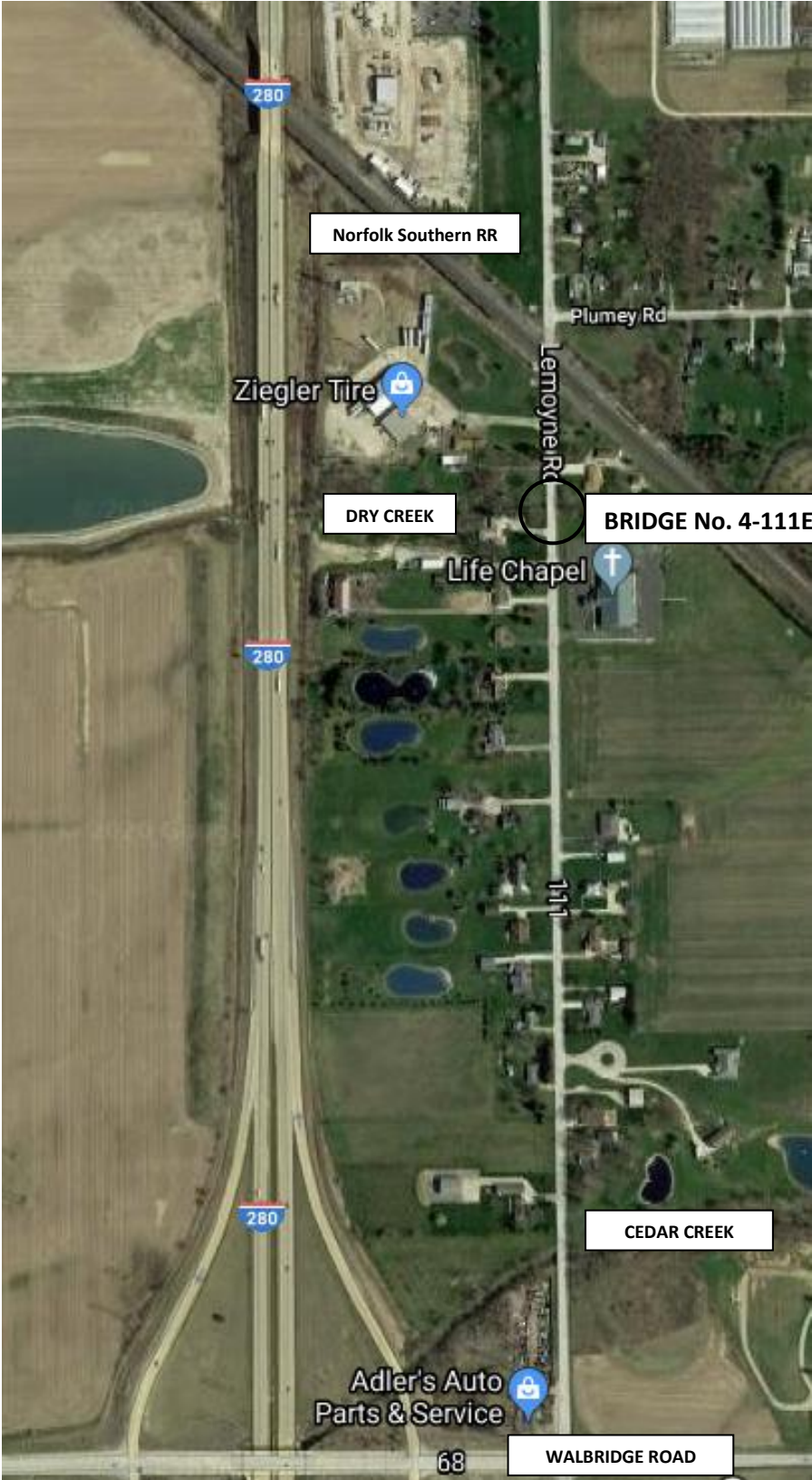
3. Mitigation measures that could be implemented when alternative sites or locations are not feasible.

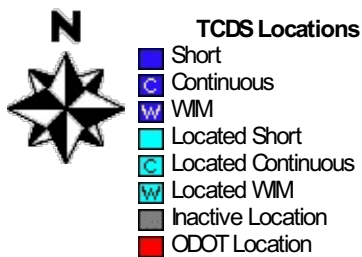
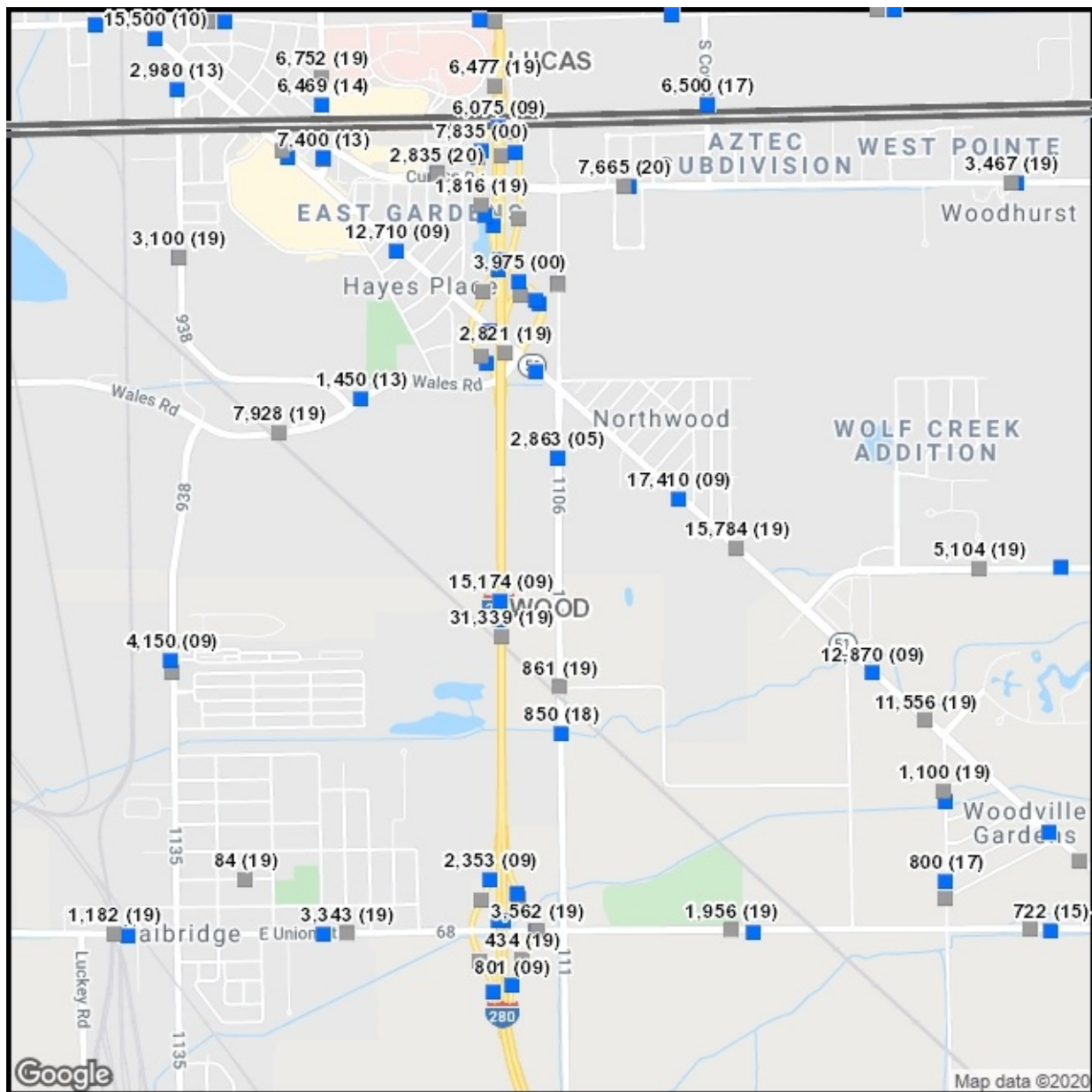
None Known


John M. Musteric, P.E.
Wood County Engineer



Lemoyne Road Bridge No. 4-111E (SFN 8750416) Replacement, Lake Township
Location Map





9/2/2020



Traffic Count Database System (TCDS)

[List View](#)
[All DIRs](#)

Record 1 of 1 Goto Record

Location ID	NW-0461	MPO ID	
Type	LINK	HPMS ID	
On NHS		On HPMS	
LRS ID		LRS Loc Pt.	
SF Group		Route Type	
AF Group		Route	
GF Group		Active	Yes
Class Dist Grp		Category	
Seas Clss Grp			
WIM Group			
QC Group	Default		
Funct'l Class	Local	Milepost	
Located On	LEMOYNE RD		
Loc On Alias			
From Road	WALBRIDGE RD		
To Road	CORP LIMIT		
More Detail	▶		
STATION DATA			

Directions: [2-WAY](#) [NB](#) [SB](#)

AADT

Year	AADT	DHV-30	K %	D %	PA	BC	Src
2018	850				709 (83%)	140 (16%)	
2009	2,150				1,953 (91%)	196 (9%)	

Travel Demand Model

	Model Year	Model AADT	AM PHV	AM PPV	MD PHV	MD PPV	PM PHV	PM PPV	NT PHV	NT PPV
--	------------	------------	--------	--------	--------	--------	--------	--------	--------	--------






VOLUME COUNT

	Date	Int	Total
	Wed 5/30/2018	15	1,099
	Tue 5/29/2018	15	879
	Thu 7/30/2009	60	2,348
	Wed 7/29/2009	60	2,292

VOLUME TREND

Year	Annual Growth
2018	-10%

SPEED

	Date	Int	Pace	85th	Total
	Wed 5/30/2018	15	35 - 45	48	1,099
	Tue 5/29/2018	15	35 - 45	48	879
	Thu 7/30/2009	60	30 - 40	43	2,348
	Wed 7/29/2009	60	30 - 40	43	2,292
					

CLASSIFICATION

	Date	Int	Total
	Wed 5/30/2018	15	1,099
	Tue 5/29/2018	15	879
	Thu 7/30/2009	60	2,348
	Wed 7/29/2009	60	2,292

WEIGH-IN-MOTION

	Date	Axles	Avg GVW	Total
No Data				

PER VEHICLE

	Date	Axles	85th	Total
No Data				

Emoyne Bridge 4-111E Volume Grand Totals
Lake Township

Average Hourly Volumes

	NORTHBOUND	SOUTHBOUND	Combined
12:00 AM	1.0	2.0	3.0
1:00 AM	0.5	0.5	1.0
2:00 AM	0.0	0.0	0.0
3:00 AM	0.0	0.0	0.0
4:00 AM	0.0	0.5	0.5
5:00 AM	4.5	4.0	8.5
6:00 AM	7.5	29.0	36.5
7:00 AM	13.5	28.0	41.5
8:00 AM	11.0	19.0	30.0
9:00 AM	19.0	24.0	43.0
10:00 AM	31.0	21.0	52.0
11:00 AM	33.5	29.0	62.5
12:00 PM	35.5	42.0	77.5
1:00 PM	29.0	29.0	58.0
2:00 PM	27.0	26.0	53.0
3:00 PM	35.5	36.5	72.0
4:00 PM	37.5	50.5	88.0
5:00 PM	33.0	47.0	80.0
6:00 PM	35.0	44.0	79.0
7:00 PM	17.0	25.0	42.0
8:00 PM	18.0	20.5	38.5
9:00 PM	6.5	7.5	14.0
10:00 PM	7.0	3.5	10.5
11:00 PM	4.5	2.0	6.5
Average Daily Traffic (ADT)	407.0	490.5	897.5

Volume Totals

	NORTHBOUND	SOUTHBOUND	Combined
	775	948	1723
	45.0 %	55.0 %	

Lemoyne Road Bridge No. 4-111E over Dry Creek, Lake Township



Looking North



Looking South



West Profile



Deteriorating Railing

Lemoyne Road Bridge No. 4-111E over Dry Creek, Lake Township



Rear (South) Abutment



Forward (North) Abutment



Northwest Wingwall



Superstructure

ODOT District: 02

WOO-T0111-0004 _E(8750416)

Major Maint: 02 - County Highway Agency

Facility Carried: LEMOYNE ROAD

Traffic On: 1 - Highway

Date Built: 07/01/1915

Rehab Date: 01/01/1940

Routine Maint: 02 - County Highway Agency

Feature Inters: DRY CREEK LEMOYNE RD

Traffic Under: 5 - Waterway

Insp. 02 - County Highway

Resp A: Agency

FIPS Code: 41328 - LAKE TWP (WOO county)

Location: 4-111E

0.65 MI N OF WALBRIDGE RD

Insp

Resp B:

Inspector

Householder,James

Inspection Date

09/03/2020 12:00:00 AM

Reviewer Cherry,Joan

National Bridge Inventory

Status

1 - SD

Sufficiency Rating

2.0

Identification			Inspections		
(1) State Code	395 - Ohio		(90) Inspection Date		09/03/2020
(8) Structure File Number (SFN)	8750416		(91) Designated Inspection Frequency		12
(7) Facility Carried	LEMOYNE ROAD		(92) Critical Feature Inspection		(93) CFI Date
(208) Route on the Bridge	42 - Township		A. Fracture Critical Detail	N	0
			B. Underwater Inspection	N	0
(2) Highway Agency District	02		C. Other Special Inspection	N	0
(3) County Code	87 - Wood		D.01 Snooper Inspection	N	
(209) Interstate Mile Marker			E.01 Drone Inspection		
(201) Special Designation			Condition		
(4) Place Code (FIPS)	41328 - LAKE TWP (WOO county)		(58) Deck	3 - Serious Condition	
(5) Inventory Route			(58.01) Wearing Surface	6 - Satisfactory (1-10% distress)	
(A) Record Type On/Under Always "On"	1: Route carried "on" the structure		(58.02) Expansion Joint	N- Not Applicable	
(B) Route Signing Prefix (Highway System)	4 - COUNTY HIGHWAY		(59) Superstructure	3 - Serious Condition	
(C) Designated Level of Service (Highway Designation)	1 - MAINLINE		(59.01) Protective Coating System (PCS)	N - Not Applicable	
(D) Route Number	T111E		(60) Substructure	5 - Fair Condition	
(E) Directional Suffix	0 - NOT APPLICABLE		(61) Channel & Channel Protection	6 - Bank slump. widespread minor damage	
(6) Features Intersected	DRY CREEK LEMOYNE RD		(61.01) Scour	7 - Good	
(9) Location	0.65 MI N OF WALBRIDGE RD		(62) Culvert	N - Not Applicable	
(11) Milepoint	00.040		(67.01) General Appraisal	3 - Serious Condition (primary structure affected)	
(12) Base Highway Network	Inventory Route is not on the Base Network				
(13A) LRS Inventory Route					
(13B) Subroute Number					
(16) Latitude	41.59558	Degrees			
(17) Longitude	-83.47390	Degrees			
(16.01) Latitude - Ohio	41.595583				
(17.01) Longitude - Ohio	-83.473903				
(98A) Border Bridge State Code					
(98B) Border Bridge State Percent Responsibility					
(99) Border Bridge Struct No.					

ODOT District: 02

WOO-T0111-0004 _E(8750416)

Date Built: 07/01/1915

Major Maint: 02 - County Highway Agency

Facility Carried: LEMOYNE ROAD

Traffic On: 1 - Highway

Rehab Date: 01/01/1940

Routine Maint: 02 - County Highway Agency

Feature Inters: DRY CREEK LEMOYNE RD

Traffic Under: 5 - Waterway

Insp. 02 - County Highway
Resp A: Agency

FIPS Code: 41328 - LAKE TWP (WOO county)

Location: 4-111E

0.65 MI N OF WALBRIDGE RD

Insp
Resp B:

Inspector

Householder,James

Inspection Date

09/03/2020 12:00:00
AM

Reviewer Cherry,Joan

Structure Type and Material

Load Rating and Posting

(43) Main Structure Type A. 1 - Concrete
B. 01 - Slab
C. N- Not Applicable

(44) Approach Type A. 0 - Other
B. 00 - Other
C. N- Not Applicable

(45) Number of Spans in Main Unit 1

(46) Number of Approach Spans 0

(107) Deck Structure Type 1 - Concrete Cast-in-Place

(107.01)

(108B) External Deck Protection N - NA

(108C) Internal Deck Protection N - NA

(422) Wearing Surface Date 01/01/1976

(108A) Wearing Surface Type 6 - Bituminous

(108A.01) N- Not Applicable

(423) Wearing Surface Thickness 2 in

(483) Protective Coating System Date

(31) Design Load 2 - H 15

(63) Operating Rating Method 5 - No rating analysis or evaluation performed

(64) Operating Rating Factor 45

(65) Inventory Rating Method 5 - No rating analysis or evaluation performed

(66) Inventory Rating Factor 18

(41) Structure Open, Posted, or Closed to Traffic P - Posted for Load

(70) Bridge Posting 0 - More than 39.9% below legal loads (0 tons)

(70.01) Date Posted

(70.02) Posted Sign Type 4- R12-1 ("Weight Limit ## Tons")

(70.03) Posted Weight 12 TONS

Appraisal

(67) Structural Evaluation 3 - Intolerable - high priority of corrective action

(68) Deck Geometry 2 - Intolerable - high priority of replacement

(69) Underclearances, Horizontal and Vertical N - Not applicable

Age of Service

(27) Year Built 1915

(263) Date Built 07/01/1915

(106) Year Reconstructed 1940

(264) Major Reconstruction Date 01/01/1940

(42) Type of Service

On 1 - Highway

Under 5 - Waterway

(28) Lanes On 02 Under 00

(29) Average Daily Traffic 2134 (30) ADT Yr. 2015

(109) Truck Percentage 5 % Truck

(114) Future Avg Daily Traffic 2962 (115) Future ADT Yr. 2038

(19) Bypass Detour Length 3 mi.

(71) Waterway Adequacy 6 - Occasional Overtopping of Approaches

(72) Approach Roadway Alignment 7 - Better than present minimum criteria

(36) Traffic Safety Feature

A. Bridge Railings: 0 - Does not meet acceptable standards/safety feature is required

B. Transitions: 0 - Does not meet acceptable standards/safety feature is required

C. Approach Guardrail 0 - Does not meet acceptable standards/safety feature is required

D. Approach Guardrail Ends 0 - Does not meet acceptable standards/safety feature is required

(113) Scour Critical 8 - Stable for scour conditions

ODOT District: 02

WOO-T0111-0004 _E(8750416)

Major Maint: 02 - County Highway Agency

Facility Carried: LEMOYNE ROAD

Traffic On: 1 - Highway

Date Built: 07/01/1915

Rehab Date: 01/01/1940

Routine Maint: 02 - County Highway Agency

Feature Inters: DRY CREEK LEMOYNE RD

Traffic Under: 5 - Waterway

Insp. 02 - County Highway
Resp A: Agency

FIPS Code: 41328 - LAKE TWP (WOO county)

Location: 4-111E

0.65 MI N OF WALBRIDGE RD

Insp
Resp B:

Inspector

Householder,James

Inspection Date

09/03/2020 12:00:00
AM

Reviewer Cherry,Joan

Classification

Geometric Data

(112) NBIS Bridge	No	(48) Longest Span	18.5	Ft.
(104) Highway System of the Inventory Route	0 - Structure/Route is NOT on NHS	(49) Structure Length	20.5	Ft.
(26) Functional Classification of Inventory Route	09 - Rural - Local	(50A) Curb/Sidewalk Left Side - Width	0	Ft.
		(50B) Curb/Sidewalk Right Side - Width	0	Ft.
(100) Strahnet Highway Designation	Not a STRAHNET route	(51) Brdg Roadway Width Curb-to-Curb	24.3	Ft.
(101) Parallel Structure Designation	N - No parallel structure	(52) Deck Width, Out-to-Out	26.3	Ft.
(102) Direction of Traffic	2-way traffic	(32) Approach Roadway Width	20	Ft.
(103) Temporary Structure Design		(33) Bridge Median	0 - No median	
(105) Federal Lands Highways	Not Applicable	(34) Skew	0	Deg.
(110) Designated National Network	Inventory route not on network	(35) Structure Flared	0 - No flare	
(20) Toll	3 - On Free Road			
(225) Routine Maintenance Responsibility	A. 02 - County Highway Agency B.	(10) Practical Maximum Vertical Clearance	99	Ft.
(21) Maintenance Responsibility	02 - County Highway Agency	(53) Minimum Vertical Clearance Over Bridge Roadway	99	Ft.
(21B) Major Maint. Responsibility B		(47) Total Horizontal Clearance (Inventory Route)	24	Ft.
(221) Inspection Program Responsibility	A. 02 - County Highway Agency B.	(54) Minimum Vertical Under Clearance	B. 0	Ft.
(22) Owner	02 - County Highway Agency		A. N - Feature not a highway or railroad	
(37) Historical Significance	5 - Not eligible	(56) Minimum Lateral Under Clearance on Left	0	Ft.
		(55) Minimum Lateral Under Clearance on Right	B. 0	Ft.

Clearances

Navigation Data

A. N - Feature not a highway or railroad

(38) Navigation Control	0 - No navigation control on waterway (bridge permit not required)
(39) Nav Vert Clearance	0.0 Ft.
(40) Nav Horizontal Clearance	0.0 Ft.
(111) Pier or Abutment Protection	
(116) Minimum Navigation Vertical Clearance, Vertical Lift Bridge	0.0 Ft.

Inventory Route Clearances

NBI 005A: On/Under 1: Route carried "on" the structure
NBI 005D: Route No. T111E

	<u>Cardinal Direction</u>	<u>Non-Cardinal Direction</u>		
(336) Minimum Vertical Clearance on IR	99	Ft.	0	Ft.
(335) Minimum Horizontal Clearance on IR	24	Ft.	0	Ft.

Ohio Bridge Inspection Summary Report

WOO-T0111-0004 E(8750416)

2: District 02 41328 - LAKE TWP (WOO county)
21: Major Maint A/B 02 - County Highway Agency /
225 Routine Main A/B 02 - County Highway Agency /
221 Inspection A/B 02 - County Highway Agency /
220: Inv. Location 4-111E

5A: Inventory Route 1 T111E
7: Facility On LEMOYNE ROAD
6: Feature Ints DRY CREEK LEMOYNE RD
9: Location 0.65 MI N OF WALBRIDGE RD

Condition		Structure Type	
58: Deck	3 - Serious Condition	43: Bridge Type	1 - Concrete
58.01 Wearing Surface	6 - Satisfactory (1-10% distress)		01 - Slab
58.02 Joint	N- Not Applicable		N- Not Applicable
59: Superstructure	3 - Serious Condition	45: Spans Main / Approach	1 / 0
59.01 Paint & PCS	N - Not Applicable	107: Deck Type	1 - Concrete Cast-in-Place
60: Substructure	5 - Fair Condition	408: Composite Deck	N - Non-composite Construction
61: Channel	6	414A Joint Type 1	N - None
61.01 Scour	7 - Good	414B: Joint Type 2	N - None
62: Culverts	N - Not Applicable	108A: Wearing Surface	6 - Bituminous
67.01 GA	3		N- Not Applicable

Appraisal				
36: Rail, Tr, Gd, Term Std	0	0	0	0
72: Approach Alignment	7 - Better than present minimum criteria			
113: Scour Critical	8 - Stable for scour conditions			
71: Waterway Adequacy	6 - Occasional Overtopping of Approaches			

Geometric	
48: Max Span Length (ft)	18.5
49: Structure Length (ft)	20.5
52: Deck Width, Out-To-Out (ft)	26.3
424: Deck Area (sf)	539.8
32: Appr Roadway Width (ft)	20
51: Road Width, Curb-Curb (ft)	24.3
50A: Curb/SW Width: Left (ft)	0
50A: Curb/SW Width: Right (ft)	0
34: Skew (deg)	0
33: Bridge Median	0 - No median
54B: Min Vert Underclearance (ft)	0
336A: Min Vert Clrnce IR Cardinal (ft)	99
336B: Min V Clr IR Non-Cardinal (ft)	0
578: Culvert Length (ft)	0

Load Posting	
41: Op/Post/Closed	P - Posted for Load
70: Posting	0 - More than 39.9% below legal loads (0 tons)
70.01: Date	
70.02: Sign Type	4- R12-1 ("Weight Limit ## Tons")
734: Percent Legal (%)	60
704: Analysis Date	07/01/1900
63: Analysis Method	5 - No rating analysis or evaluation performed

422: WS Date	01/01/1976
423: WS Thick (in)	2
482: Protective Coating	N - None or Not Applicable
483: PCS Date	
453: Bearing Type 1	N - None
455: Bearing Type 2	N - None
528: Foundn: Abut Fwd	4 - Spread Footing
533: Foundn: Abut Rear	4 - Spread Footing
536: Foundn: Pier 1	N - None (Such as most Culverts)
539: Foundn: Pier 2	N - None (Such as most Culverts)

Age and Service		
27: Year Built/ 106 Rehab	1915	/ 1940
42A: Service On	1 - Highway	
42B: Service Under	5 - Waterway	
28A: Lanes on	02	
28B: Lanes Under	00	
19: Bypass Length	3	
29: ADT	2134	
109: % Trucks (%)	5	

Inspections		
	Months	
90: Routine Insp.	12	09/03/2020
92A: FCM Insp.	N	0
92B: Dive Insp.	N	0
92C: Special Insp.	N	0
92D: UBIT Insp.	N	
92E: Drone Insp.		
Inspector	Householder,James	

ODOT District: 02

WOO-T0111-0004 _E(8750416)

Major Maint: 02 - County Highway Agency

Facility Carried: LEMOYNE ROAD

Traffic On: 1 - Highway

Date Built: 07/01/1915

Rehab Date: 01/01/1940

Routine Maint: 02 - County Highway Agency

Feature Inters: DRY CREEK LEMOYNE RD

Traffic Under: 5 - Waterway

Insp: 02 - County Highway

Resp A: Agency

FIPS Code: 41328 - LAKE TWP (WOO county)

Location: 4-111E

0.65 MI N OF WALBRIDGE RD

Insp

Resp B:

Inspector

Householder, James

Inspection Date

09/03/2020 12:00:00 AM

Reviewer Cherry, Joan

Inspector Comments - Deck and Approach

Deck

Floor/Slab (SF)

The underside of the original deck is heavily spalled longitudinally under the encased beams and the beams are exposed with 30-50% section loss. Pack rust is up to 1/2" thick. The original left edge slab is heavily map cracked with efflorescence and stalactites. It is spalled at the rear abutment and 2 minor spalls on original edge. The widened deck has map cracking with efflorescence. 6 exposed beams in original slab.

Edge of Floor/Slab (LF)

Cracking with efflorescence.

Bridge Wearing Surface (SF)

Transverse and longitudinal cracks.

Bridge Railing (LF)

The east railing ends are spalled with exposed steel. The left rear(SW) corner of the west rail is deteriorating. West parapet has map cracking.

Deck Drainage (EA)

There is vegetation and stone between the edge of pavement and railing that is restricting drainage.

Approach

Approach Wearing Surface (EA)

Chip sealed-2017; open cracks showing through. Settled at deck corners and along bridge ends. Shallow depressions at filled boring holes at right rear and left forward.

Approach Embankment (EA)

The right forward(NE) and right rear(SE) embankments have erosion around the wingwalls .

Signs (EA)

4 endmarker and 2 "12 TON" load limit signs. Left rear endmarker post is twisted.

Inspector Comments - General Appraisal

Superstructure

Slab (SF)

The underside of the original deck is heavily spalled longitudinally under the encased beams and the

beams are exposed with 30-50% section loss. Pack rust is up to 1/2" thick. The original left edge slab is heavily map cracked with efflorescence and stalactites. It is spalled at the rear abutment and 2 minor spalls on original edge. The widened deck has map cracking with efflorescence. 6 exposed beams in original slab.

Substructure

Abutment Walls (LF)

The widened portion(left/west)of the rear and forward abutment has map cracking with efflorescence. Both of the original stone abutments are missing mortar joints. Both abutments at the waterline have wide non-grouted joints. Block have vertical and horizontal cracks in both walls.

Wingwalls (EA)

The widened left forward(NW) wingwall has map cracking with efflorescence and is deteriorating on the top edge. The left rear(SW) wingwall is deteriorating on the edges. The front face of the left rear(SW) wingwall is map cracked with efflorescence. The right forward(NE) wingwall has a broken stone.

Substructure Scour (EA)

Rear abutment has 12" (original) and 14" (widened) of cover. The forward has 15" (original) and 25" (widened) of cover.

Culvert

Inspector Comments - Waterway

Waterway Adequacy

Channel Hydraulic Opening (EA)

Collapsed concrete retaining wall in channel upstream. Low rock dam downstream of structure. Some tree debris in the channel on the upstream side.

Channel

Channel Protection (LF)

Some erosion of banks.

Scour Critical

Revised: December 17, 2019

Supplemental Application Instructions

Prerequisites for Project Consideration

Manner of submittal items:

- 1) Must be one-sided, 8.5" x 11".
- 2) No dividers or cover sheets (a summary sheet may be submitted with "other documentation").
- 3) No Binding. A binder clip, folder, punch-less binder (has a clamp that holds papers together) are OK. No staples.

Format of application:

- 1) All must be in whole dollars (no cents).
- 2) Cannot use all caps.
Page 4 of application must contain relevant information about project and not "see attached". If it will not fit in space provided, list what will fit and attach one supplement document to complete the information.
- 3) Page 3 must designate households or ADT ONLY for the direct area of the infrastructure. (Cannot count downstream or system users). Majority infrastructure type determines how project is scored when there are multiple components.

Order and completeness of items:

- 1) ☒ OPWC six page application
- 2) ☒ Authorizing Legislation authorizing CEO to enter into agreements with OPWC.
- 3) ☒ Certification of funds/Loan Repayment following sample provided.
- 4) ☒ A registered professional engineer's detailed cost estimate and useful life statement with seal or stamp and signature
- 5) ☐ Co-operative Agreement (if applicable)
- 6) ☒ Findings and Orders, Traffic Count, Job Creation or Retention and any other items to support scoring.
- 7) Other items
 - a. Maps
 - b. Pictures
 - c. Summary Sheet
 - d. Letters supporting project
 - e. Any other items deemed relevant to the project.

Project Cost Overruns/Changes in Scope Procedure

- 1) The applicant will prepare an amended application including a revised budget, revised engineering estimate, and a detailed explanation of the change(s) requested.
- 2) The amendment is due to the District 5 Liaison thirty days in advance of the date of the scheduled District 5 Executive Committee Meeting.

Revolving Loan Prioritization

- 1) RLP funds are funds repaid from previous loans. The money can only be used for loans. No grants may be made with the funds.
- 2) The interest rate for RLP Loans is established by the Executive committee at zero percent per year for the useful life of the improvement.
- 3) RLP Loans will be offered to projects based on the ranking of projects on the SCIP Slate. Consideration will be given to projects in order of score based on initial grant or grant/loan request. until the RLP funds are expended.

Evaluation Questionnaire and Priority Rating Sheet

- 1) Each application to District 5 shall be rated using the District 5 Capital Improvements Project Questionnaire and Priority Rating Sheet as adopted by the District 5 Executive Committee.
- 2) For Villages and Township with populations less than 5,000 special attention is called to the potential eligibility for Small Government Funding consideration. The scoring for the Small Government Program is established and implemented by the Ohio Public Works Commission. This program has an additional set of Evaluation Methodology. Each applicant should familiarize themselves with this methodology when planning your project funding request. If your project is not selected for District Funding each applicant under 5,000 in population will be considered for selection as a potential Small Government Project.

**DISTRICT 5
CAPITAL IMPROVEMENT PROJECTS
QUESTIONNAIRE
ROUND 35**

Name of Applicant: Wood County

Project Title: Lemoyne Road Bridge No. 4-111E 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= __%, 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= __% **ORC Reference(s):164.06(B)(1); 164.14(E)(10)**

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

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

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

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

6	Fading	The condition requires reconditioning to continue to function as originally intended.	-Single course of paving -Sewer Lining Projects -Water tower painting -Replacement of pumps, hydrants, valves, filters, etc in existing water and sewer systems-Widening aggregate berm on existing graded shoulder width
4	Fair	The condition is average, not good or poor. The infrastructure is still functioning as originally intended. Minor deficiencies exist requiring repair to continue to function as originally intended and/or to meet current design standards	
2	Good	The condition is safe and suitable to purpose. Infrastructure is functioning as originally intended, but requires minor repairs and/or upgrades to meet current design standards	
0	Excellent	The condition is new or requires no repair. Or, no supporting documentation has been submitted	

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

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

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

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

ROADS

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

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

Major:	Resurfacing, Restoration, Rehabilitation and Reconstruction (4R) of a Minor Access Road.*
Moderate:	Resurfacing, Restoration and Rehabilitation (3R) of a Minor Access Road.*
Minimal:	Preventative Maintenance of a Major Access Road.
No Impact:	Preventative Maintenance of a Minor Access Road.

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

Road/Street Classifications:

<i>Major Access Road:</i>	<i>Roads or streets that have a dual function of providing access to adjacent properties and providing through or connecting service between other roads.</i>
<i>Minor Access Road:</i>	<i>Roads or streets that primarily provide access to adjacent properties without through continuity, such as cul-de-sacs or loop roads or streets.</i>
<i>Preventative Maintenance:</i>	<i>Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.</i>

*(3R) Resurfacing, Restoration and Rehabilitation - Improvements to existing roadways, which have as their main purpose, the restoration of the physical features (pavement, curb, guardrail, etc.) without altering the original design elements. **(Surface and Intermediate layer Mill and Fills, overlays with less than or equal to 3.5" of additional pavement, etc....)**

*(4R) Resurfacing, Restoration, Rehabilitation and Reconstruction - Much like 3R, except that 4R allows for the complete reconstruction of the roadway and alteration of certain design elements (i.e., lane widths, shoulder width, SSD, **overlays with greater than 3.5" of additional pavement.** etc.).

BRIDGES SUFFICIENCY RATING

Extremely Critical: 0-25, or a General Appraisal rating of 3 or less.

Critical: 27-50, or a General Appraisal rating of 4.

Major: 51-65 or a General Appraisal rating of 5 or 6.

Moderate: 66-80 or a General Appraisal rating of 7.

Minimal: 81-100 or a General Appraisal rating of more than 7.

No Impact: Bridge on a new roadway.

WASTEWATER TREATMENT PLANTS

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

Critical:	Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
Major:	Replace deficient appurtenances. Update existing processes due to EPA recommendations.
Moderate:	Increase capacity to meet current needs or update processes to improve effluent quality.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER TREATMENT PLANT

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

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

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Separate, due to chronic backup or flooding in basements.
Major:	Separate, due to documented water quality impairment, or due to EPA recommendations.
Moderate:	Separate, due to specific development proposal within or upstream of the combined system area.
Minimal:	Separate, to conform to current design standards.
No Impact:	No positive health effect.

STORM SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Chronic flooding (structure damage).
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or project needs.

CULVERTS

Extremely Critical:	Structurally deficient or functionally obsolete. Deterioration has already caused a safety Critical: hazard to the public.
Critical:	Inadequate capacity with land damage and the existing or high probability of property damage.
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Replace, due to chronic pipe failure, chronic backup or flooding in basements. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
Major:	Replace, due to inadequate capacity or infiltration, or due to EPA recommendations.
Moderate:	Rehabilitate to increase capacity to meet current needs or to reduce inflow and infiltration.
Minimal:	New/Expansion project to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

SANITARY LIFT STATIONS AND FORCE MAINS

Extremely Critical:	Structurally deficient. Deterioration has already caused a safety/health hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Inadequate capacity with actual or a high probability of property damage. Improvements ordered by the Environmental Protection Agency (EPA) in the form of NPDES Orders.
Major:	EPA recommendations, or, reduces a probable health and/or safety problem.
Moderate:	Rehabilitate to increase capacity to meet current needs.
Minimal:	New/Expansion to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER PUMP STATIONS

Extremely Critical:	Structurally deficient. Deterioration has already caused a safety hazard to the public, or, EPA orders in the form of a consent decree, findings and orders or court order.
Critical:	Inadequate capacity with the inability to maintain pressure required for fire flows.
Major:	Replace due to inadequate capacity or EPA recommendations.
Moderate:	Rehabilitate to increase capacity to meet current needs.
Minimal:	New/Expansion to meet a specific development proposal.
No Impact:	New/Expansion to meet future or projected needs.

WATER LINES/WATER TOWERS

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

OTHER

Extremely Critical:	There is a present health and/or safety threat.
---------------------	---

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

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

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

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

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

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost. **ORC Reference 164.06(B)(6); ORC 164.06(B)(3)**

A.) Amount of Local Funds = \$ 279,374
 B.) Total Project Cost = \$ 555,374

RATIO OF LOCAL FUNDS DIVIDED by TOTAL PROJECT COSTS (A÷B)= 50 %

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

5. Identify the amount of other funding sources to be used on the project, excluding SCIP or LTIP Funds, as a percentage of the total project cost. **ORC Reference(s): 164.06(B)(7); 164.14(E)(4)**

Grants 0 % Gifts 0 %, Contributions 0 %

Other 0 % (explain) _____, Total 0 %

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

6. Total Amount of SCIP and Loan Funding Requested- An Applicant can request a grant per the categories below for points as indicated on the Priority Rating Sheet. If the Applicant is including a loan request equal to, but not exceeding 50% of the OPWC funding amounts listed below, there will be no point penalty. If loan funds requested are more than 50%, points as listed in the Priority Rating Sheet will apply. **ORC Reference(s): 164.14(E)(10); 164.06(B)(5)**

_____	\$500,001 or More
_____	\$400,001-\$500,000
_____	\$325,001-\$400,000
_____	\$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 _____ NO X

(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 _____. If yes, how many jobs _____ **will be created/retrained** within 18 months **following the completion of the improvements?**

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

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

8. What is the total number of existing users that will directly benefit from the proposed project if completed? 850 (Use households served, traffic counts, etc. and explain the basis by which you arrived at your number.) **ORC Reference 164.14(E)(7); 164.06(B)(10)**
TMACOG 2018 traffic count

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

What is the Local Median Household Income as a percentage of the District Median Household Income? 137.54 %. Please utilize the Economic Distress Scoring Criteria based on ACS 2013-2017 Data provided in Exhibit A.

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

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

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

Consultant under contract, survey complete, preliminary engineering and cost estimate

11. Base Score Total for Questions 1-10= 92

12. County Subcommittee Priority Points= _____

(25-20-15 Points for each of the SCIP and LTIP Project Categories)

13. DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)

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

ORC Reference 164.14(E)(7)

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

14. **Grand Total of Points** _____

15. Is subdivision's population less than 5,000 Yes No ____ If yes, continue. You may want to design your project per Small Government Project Evaluation Criteria, released for the current OPWC Round to assist in evaluating your project for potential Small Government Funding. The Small Government Criteria is available on the OPWC website at

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

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

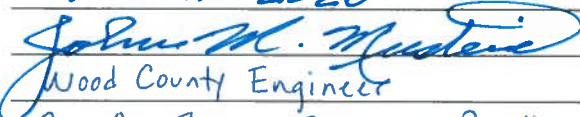
All projects that are sponsored by a subdivision with a population of 5,000 or less, and not earning enough points for District Funding from SCIP or LTIP Funds, are then rated using the Small

Government Program Rating Criteria for the corresponding funding round. In order to be rated the entity must submit the Small Government Supplement and their required budgets with their application. **Only infrastructure that is village- or township- owned is eligible for assistance.** The following policies have been adopted by the Small Government Commission:

- District Integrating Committees may submit up to seven (7) applications for consideration by the Commission. All 7 must be ranked, however, only the top five (5) will be scored. The remaining two (2) will be held as contingency projects should an application be withdrawn.
- Grants are limited to \$500,000. Any assistance above that amount must be in the form of a loan.
- Grants for new or expanded infrastructure cannot exceed 50% of the project estimate.
- The Commission may deny funding for water and sewer systems that are deemed to be more cost-effective if regionalized.
- If a water or sewer project is determined to be affordable, the project will be offered a loan rather than a grant. Pay special attention to the **Water & Wastewater Affordability Supplemental and the Small Government Water & Wastewater Affordability Calculation Worksheet. Both are available on the Small Government Program Tab at <https://www.pwc.ohio.gov/Programs/Infrastructure-Programs/Small-Government>**
- Should there be more projects that meet the “annual score” than there is funding, the tie breaker is those projects which scored highest under Health & Safety, with the second tie breaker being Condition. If multiple projects have equivalent Health & Safety and Condition scores they are arranged according to the amount of assistance from low to high. Once the funded projects are announced, “contingency projects” may be funded from project under-runs by continuing down the approved project list.
- Supplemental assistance is not provided to projects previously funded by the Commission.
- Applicants have 30 days from receipt of application by OPWC without exception to provide additional documentation to make the application more competitive under the Small Government criteria. Applications will be scored after the 30-day period has expired. The applicants for each District's two (2) contingency projects will have the same 30-day period to submit supplemental information but these applications will not be scored unless necessary to do so. **It is each applicant's responsibility for determining the need for supplemental material. The applicant will not be asked for or notified of missing information unless the Commission has changed the project type and it affects the documentation required. Important information may include, but is not limited to: age of infrastructure, traffic counts or utility users, median income information, user rates ordinances, and the Auditor's Certificate of Estimated Revenues or documentation from the Auditor of State that subdivision is in a state of fiscal emergency.**

If you desire to have your Round 35 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 35 by accessing the OPWC Website at
<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2035%20Methodology.pdf?ver=2019-08-07-071749-143>

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

Date: 10 SEP 2020
Signature: 
Title: Wood County Engineer
Address: One Courthouse Square Bowling Green, OH 43402
Phone: 419-354-9060
FAX: 419-354-1402
Email: jmusteric@co.wood.oh.us

District 5
Capital Improvement Project
Priority Rating Sheet, Round 35

COUNTY: Wood

PROJECT: Lemoyne Road Bridge No. 4-111E Replacement

EST. COST: \$554,374

PROJECT NUMBER:

No.	A	CRITERIA TO BE CONSIDERED	B PRIORITY FACTORS						A x B	PRIORITY FACTORS						No.	
	WEIGHT FACTOR		0	2	4	6	8	10		0	2	4	6	8	10		
1	1	(REPAIR OR REPLACE) vs. (NEW OR EXPANSION)						X	10	0% +	20% +	40% +	60% +	80% +	100% +	1	
										Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement		
2A	1	EXISTING PHYSICAL CONDITION Please refer to Criteria #2 of the Round 35 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0 Points)						X	10	0	2	4	6	8	10	2A	
										Excellent	Good	Fair	Fading	Poor	Failing		
2B	1	AGE						X	5	Type	0	1	2	3	4	5	2B
										Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-16 Yrs	17-20 Yrs	20+ Yrs	
										Wastewater	0-6 Yrs	7-12 Yrs	13-18 Yrs	19-24 Yrs	25-30 Yrs	30+ Yrs	
										Bridge/Culvert, Sanitary Sewer, Water Supply, Storm Water, Solid Waste	0-10 Yrs	11-20 Yrs	21-30 Yrs	31-40 Yrs	41-50 Yrs	50+ Yrs	
3	2	PUBLIC HEALTH AND/OR SAFETY CONCERNS Submittals without supporting documentation will receive 0 points for this question.						X	20	0	2	4	6	8	10	3	
										No Impact	Minimal	Moderate	Major	Critical	Extremely Critical		
4	2	LOCAL MATCHING FUNDS 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) *						X	20	0	2	4	6	8	10	4	
										0%	10%	20%	30%	40%	50%		
5	1	OTHER FUNDING (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.)	X						0	0%	10%	20%	30%	40%	50%	5	
6		OPWC GRANT AND LOAN FUNDS REQUESTED Please refer to Criteria #6 of the Round 35 Methodology for clarification.						X	18							6	
	2	Grant or Loan Only	-9	-8	0	8	9	10		-9	-8	0	8	9	10	6	
	2	Grant /Loan Combination	-9	-8	0	8	9	10	—	\$500,001 or more	\$400,001 to \$500,000	\$325,001 to \$400,000	\$275,001 to \$325,000	\$175,001 to \$275,000	\$175,000 or less	6	
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.																	
7	1	JOB CREATION/RETENTION Indicate full time equivalent jobs, include supporting documentation in the form of a comment letter from business or third party entity.	X						0	0-6 Jobs	7-14 Jobs	15-24 Jobs	25+ Jobs			7	
8	1	BENEFIT TO EXISTING USERS (households or traffic counts) Equivalent to existing with direct connections. Traffic Counts within two years with certified documentation, etc.						X	8	0-99 Users	100 - 349 Users	350 - 499 Users	500 - 749 Users	750 - 1000 Users	1000+ Users	8	
9	1	ECONOMIC DISTRESS Local MHI as a percentage of the District Median MHI	X						0	100%+	80%-100%	Less Than 80%				9	
10	1	READINESS TO PROCEED	X						1	Plans Not Begun Yet	Preliminary Engineering Complete	Final Design Complete				10	
11		SUBTOTAL RANKING POINTS (MAX. = 115)							92	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							
12		COUNTY SUBCOMMITTEE PRIORITY POINTS (25-20-15)															
13A		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)								District Discretionary Point may be awarded to projects that demonstrate significant Area-wide, County, or Community Impact. Include documentation to support the claim of significance.							
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX.=1)								District Discretionary Point may be awarded to projects that demonstrate that the entity has maximized financial resources including assessments and utility rate structure.							
14		GRAND TOTAL RANKING POINTS															

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