

Cover Sheet

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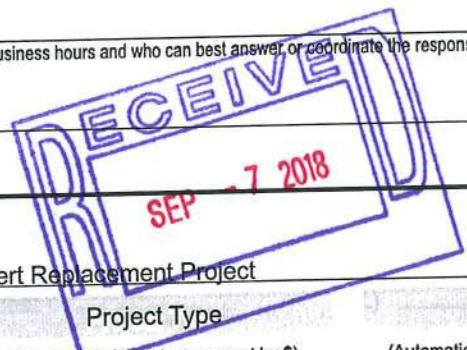


State of Ohio Public Works Commission Application for Financial Assistance

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

Applicant

Applicant: Williams County Subdivision Code: 171-00171
District Number: 5 County: Williams Date: 09/07/2018
Contact: Dan Clum Phone: (419) 636-2454
Email: dclum@wmscoengineer.com FAX: (419) 636-8687



Project

Project Name: 2019 Bridge and Culvert Replacement Project Zip Code: 43506
Subdivision Type: 1. County
Project Type: 2. Bridge/Culvert
Funding Request Summary: Total Project Cost: 400,944.00
1. Grant: 175,000.00
2. Loan: 0.00
3. Loan Assistance/Credit Enhancement: 0.00
Funding Requested: 175,000.00

District Recommendation (To be completed by the District Committee)

Funding Type Requested: State Capital Improvement Program, Local Transportation Improvement Program, Revolving Loan Program, Small Government Program
SCIP Loan - Rate: % Term: Yrs Amount: .00
RLP Loan - Rate: % Term: Yrs Amount: .00
Grant: Amount: .00
LTIP: Amount: .00
Loan Assistance / Credit Enhancement: Amount: .00

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STATUS Grant Amount: Loan Type: SCIP RLP
Project Number: Loan Amount: Date Construction End:
Total Funding: Date Maturity:
Release Date: Local Participation: % Rate: %
OPWC Approval: OPWC Participation: % Term: Yrs



State of Ohio
Public Works Commission
Application for Financial Assistance

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

| | | |
|-----------|---|------------------------------------|
| Applicant | Applicant: <u>Williams County</u> | Subdivision Code: <u>171-00171</u> |
| | District Number: <u>5</u> County: <u>Williams</u> | Date: <u>09/07/2018</u> |
| | Contact: <u>Dan Clum</u> <small>(The individual who will be available during business hours and who can best answer or coordinate the response to questions)</small> | Phone: <u>(419) 636-2454</u> |
| | Email: <u>dclum@wmscoengineer.com</u> | FAX: <u>(419) 636-8687</u> |

| | | | |
|---------|---|--|---|
| Project | Project Name: <u>2019 Bridge and Culvert Replacement Project</u> | | Zip Code: <u>43506</u> |
| | 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"/> 2. City <input type="checkbox"/> 3. Township <input type="checkbox"/> 4. Village <input type="checkbox"/> 5. Water (6119 Water District) | <input type="checkbox"/> 1. Road <input checked="" type="checkbox"/> 2. Bridge/Culvert <input type="checkbox"/> 3. Water Supply <input type="checkbox"/> 4. Wastewater <input type="checkbox"/> 5. Solid Waste <input type="checkbox"/> 6. Stormwater | Total Project Cost: <u>400,944 .00</u> 1. Grant: <u>175,000 .00</u> 2. Loan: <u>0 .00</u> 3. Loan Assistance/ Credit Enhancement: <u>0 .00</u> Funding Requested: <u>175,000 .00</u> |

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: | _____ | .00 | |
| Final Design: | _____ | 4,800 .00 | |
| Construction Administration: | _____ | 1,500 .00 | |
| Total Engineering Services: | a.) _____ | 6,300 .00 | _____ 2 % |
| Right of Way: | b.) _____ | .00 | |
| Construction: | c.) _____ | 393,644 .00 | |
| Materials Purchased Directly: | d.) _____ | .00 | |
| Permits, Advertising, Legal: | e.) _____ | 1,000 .00 | |
| Construction Contingencies: | f.) _____ | .00 | _____ 0 % |
| Total Estimated Costs: | g.) _____ | 400,944 .00 | |

1.2 Project Financial Resources

Local Resources

| | | | |
|---|-----------|-------------|------------|
| Local In-Kind or Force Account: | a.) _____ | 44,657 .00 | |
| Local Revenues: | b.) _____ | 181,287 .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.) _____ | 225,944 .00 | _____ 56 % |

OPWC Funds (Check all requested and enter Amount)

| | | | |
|---------------------------------------|-----------|-------------|-------------|
| Grant: <u>100</u> % of OPWC Funds | j.) _____ | 175,000 .00 | |
| Loan: <u>0</u> % of OPWC Funds | k.) _____ | .00 | |
| Loan Assistance / Credit Enhancement: | l.) _____ | 0 .00 | |
| Subtotal OPWC Funds: | m.) _____ | 175,000 .00 | _____ 44 % |
| Total Financial Resources: | n.) _____ | 400,944 .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: | _____ 400,944 .00 | _____ 100 % |
| 2.2 Total Portion of Project New / Expansion: | _____ 0 .00 | _____ 0 % |
| 2.3 Total Project: | _____ 400,944 .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>10/01/2018</u> | End Date: <u>05/27/2019</u> |
| 3.2 Bid Advertisement and Award | Begin Date: <u>07/08/2019</u> | End Date: <u>07/29/2019</u> |
| 3.3 Construction | Begin Date: <u>08/05/2019</u> | End Date: <u>08/31/2020</u> |

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

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

4.0 Project Information

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

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: 50 Years Age: 1946 (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 500 Year 2017 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.

Bridge located at 02220 County Road Q.50

Bridge located at 17650 County Road 2.50

Culvert located at 07110 County Road J

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

The bridge replacement of the 12' slab on County Road Q.50 will replace the 3A bridge with a sufficiency rating of 34.4, with an aluminum box culvert load rated to today's HL93 and SHV requirements. The work will include the demolition of the existing, replacement, road repair, and cleanup.

The bridge replacement of the 14' slab on County Road 2.50 will replace the 3A bridge with a sufficiency rating of 25.0, with an aluminum box culvert load rated to today's HL93 and SHV requirements. The work will include the demolition of the existing, replacement, road repair, and cleanup.

The culvert replacement of the 100' of 72" CMP will replace the failing culvert with a new 72" CMP culvert load rated to today's HL93 and SHV requirements. The work will include the removal of the existing culvert, replacement, road repair, and cleanup.

- 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 bridge on Q.50 is a 12' span concrete slab bridge. The box culvert will be two 59' 11'4"x7'2" structures and the pavement will taper back to existing within 20'.

The bridge on 2.50 is a 14' span concrete slab bridge. The box culvert will be a 36' 15'6"x7'3" structure and the pavement will taper back to existing within 20'.

The culvert on J is a 100' of 72" CMP.

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: Brian Davis
Title: President Board of Commissioners
Address: One Courthouse Square
4th Floor
City: Bryan State: OH Zip: 43506
Phone: (419) 636-2059
FAX: (419) 636-0643
E-Mail: bdavis@wmsco.org

5.2 Chief Financial Officer

(Can not also serve as CEO)

Name: Julie Beagle
Title: Williams County Auditor
Address: One Courthouse Square
2nd Floor
City: Bryan State: OH Zip: 43506
Phone: (419) 636-5639
FAX: (419) 636-8584
E-Mail: jbeagle@wmsco.org

5.3 Project Manager

Name: Todd Roth, PE, PS
Title: Williams County Engineer
Address: 12953 County Road G

City: Bryan State: OH Zip: 43506
Phone: (419) 636-2454
FAX: (419) 636-8687
E-Mail: troth@wmscoengineer.com

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.

Brian Davis President Commissioners

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

Original Signature / Date Signed

9/7/18

Revised: April 17, 2018

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

Name of Applicant: Williams County
Project Title: 2019 Bridge and Culvert Replacement Project

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

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

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

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

2. Give the physical condition rating:

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

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

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

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

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

A.) Amount of Local Funds = \$ 225,944

B.) Total Project Cost = \$ 400,944

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

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

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

Grants ___% Gifts ___%, Contributions ___%

Other ___% (explain) _____ , Total 0 %

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

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

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

(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? 500+ (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 _____ |
| | 4504.15 or 4504.17 _____ |
| | 4504.16 or 4504.171 _____ |
| | 4504.172 _____ |
| | 4504.18 _____ |

| | |
|------------------------|---------------|
| Special property taxes | 5555.48 _____ |
| | 5555.49 _____ |

Municipal Income Tax _____

County Sales Tax _____

Others _____

(DO NOT INCLUDE SCHOOL TAXES)

SPECIFIC PROJECT AREA INFORMATION.

Median household income _____

Monthly utility rate: Water _____

Sewer _____

Other _____

List any special user fees or assessment (be specific)

POLITICAL SUBDIVISION= _____

COUNTY= _____

DISCRETIONARY POINTS (BY DISTRICT COMMITTEE ONLY)= _____

(25-20-15)

Date: 9-7-18

Signature: 

Title: County Engineer

Address: 12593 County Road G Bryan OH 43506

Phone: 419 636 2454

FAX: 419 636 8687

Email: troth@wmscoengineer.com

District 5

Capital Improvement Project

Priority Rating Sheet, Round 33

Revised 04/17/18

| COUNTY: Williams | | PROJECT NUMBER | | | | | | | | | | | | | | |
|---|----------------------|--|-------------------------|----|---|---|---|-----------|--------------------|--|--------------------------------|--------------------------------|----------------------------|----------------------------|-----------------------------|----|
| PROJECT: Bridge | | | | | | | | | | | | | | | | |
| EST. COST: 400,244 | | | | | | | | | | | | | | | | |
| No. | "A" WEIGHT FACTOR | CRITERIA TO BE CONSIDERED | "B" PRIORITY FACTORS | | | | | "A" x "B" | Priority Factors | | | | | | No. | |
| | | | 0 | 2 | 4 | 6 | 8 | | 10 | 0 | 2 | 4 | 6 | 8 | | 10 |
| 1 | 1 | (Repair or Replace) vs. (New or Expansion) | 0 | 2 | 4 | 6 | 8 | 10 | 10 | 0% + Repair or Replacement | 20% + Repair or Replacement | 40% + Repair or Replacement | 60%+ Repair or Replacement | 80%+ Repair or Replacement | 100%+ Repair or Replacement | 1 |
| 2 | 1.5 | Existing Physical Condition: Must submit substantiating documentation and CIR (100% New or Expansion = 0 Points) | 0 | 2 | 4 | 6 | 8 | 10 | 12 | Excellent | Good | Fair | Poor | Critical | Closed or Not Operating | 2 |
| 3 | 2 | Public Health and/or Public Safety Concerns Submittals without supporting documentation will receive 0 points for this criterion. | 0 | 2 | 4 | 6 | 8 | 10 | 20 | No Impact | Minimal | Moderate | Major | Critical | Extremely Critical | 3 |
| 4 | 2 | Percentage of Local Share (Local funds are funds derived from the applicant budget or a loan to be paid back through the applicant budget, assessments, rates or tax revenues) * | 0 | 2 | 4 | 6 | 8 | 10 | 20 | 0%+ | 10%+ | 20%+ | 30%+ | 40%+ | 50%+ | 4 |
| 5 | 1 | OTHER FUNDING SOURCES (Excluding Issue II Funds) (Grants and other revenues not contributed or collected through taxes by the applicant; including Gifts, Contributions, etc. - must submit copy of award or status letter.) | 0 | 2 | 4 | 6 | 8 | 10 | 0 | 0%+ | 10%+ | 20%+ | 30%+ | 40%+ | 50%+ | 5 |
| No. | "A" WEIGHT FACTOR | CRITERIA TO BE CONSIDERED | "B" PRIORITY FACTORS | | | | | "A" x "B" | Priority Factors | | | | | | No. | |
| | | | | | | | | | -9 | -8 | 0 | 8 | 9 | 10 | | |
| | | | | | | | | | Grant or Loan Only | | | | | | X | |
| 6 | 2 | OPWC Grant and Loan Funding Requested. Please refer to Item 6 on Questionnaire for Clarification. | -9 | -8 | 0 | 8 | 9 | 10 | 20 | \$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 |
| | 2 | | -9 | -8 | 0 | 8 | 9 | 10 | | Grant/Loan Combination | | | | | | |
| | | | | | | | | | | \$750,000 or more | \$600,001 to \$750,000 | \$487,501 to \$600,000 | \$412,501 to \$487,500 | \$282,501 to \$412,500 | \$282,500 or less | 8 |
| When scoring a project that is only grant or only loan. Please use the chart labeled "Grant or Loan Only". When scoring a grant/loan combination, score the project for the grant in the first chart, then use the second chart labeled "Grant/Loan Combination" to score the total (grant and loan combined). Use the lower of the two as the score. | | | | | | | | | | | | | | | | |
| No. | "A" WEIGHT FACTOR | CRITERIA TO BE CONSIDERED | "B" PRIORITY FACTORS | | | | | "A" x "B" | Priority Factors | | | | | | No. | |
| | | | 0 | 2 | 4 | 6 | 8 | | 10 | 0 | 2 | 4 | 6 | 8 | | 10 |
| 7 | 1 | Will the Proposed Project Create Permanent jobs or retain jobs that would otherwise be permanently lost (Written Documentation Required) | 0 | 2 | 4 | 6 | 8 | 10 | 0 | 0+ jobs | 7+ jobs | 15+ jobs | 25+ jobs | 50+ jobs | 100+ jobs | 8 |
| 8 | 1 | Benefits to Existing Users such as households, (Equivalent dwelling units), traffic Counts, etc | 0 | 2 | 4 | 6 | 8 | 10 | 6 | 0+ | 100+ | 350+ | 500+ | 750+ | 1000+ | 9 |
| 9 | | SUBTOTAL RANKING POINTS (MAX = 115) | | | | | | | 88 | 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 | | | | | | |
| 10 | | COUNTY PRIORITY POINTS (25-20 15) | | | | | | | | | | | | | | |
| 11 | | DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX = 12) | | | | | | | | | | | | | | |
| 12 | | GRAND TOTAL RANKING POINTS | | | | | | | | | | | | | | |

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



Williams County Engineer

Todd J Roth P.E., P.S.

12953 County Road G Bryan, OH 43506

Phone: 419-636-2454

Fax: 419-636-8687

www.wmscoengineer.com

August 28, 2018

Williams County Commissioners
One Courthouse Square
Bryan, Ohio 43506

Re: Round 33 Ohio Public Works Commission Application

Commissioners:

We are asking for approval by resolution to submit applications to participate in the Ohio Public Works Commission Local Transportation Improvement Program (LTIP).

The LTIP application will include improvement projects to various roads and bridges within the Williams County Highway System.

Thank you for your time and consideration.

Respectfully,

Todd J. Roth, P.E., P.S.
Williams County Engineer

Cc: Dan Clum
John Waterston

FILED
AUG 29 2018

ROBIN KEMP, ASST. CLERK
WILLIAMS COUNTY COMMISSIONERS

RESOLUTION 18-0292

COUNTY COMMISSIONERS' OFFICE
WILLIAMS COUNTY, BRYAN, OHIO
August 30, 2018

In the Matter of
AUTHORIZING BRIAN DAVIS TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION LOCAL TRANSPORTATION IMPROVEMENT PROGRAM AND TO EXECUTE CONTRACTS AS REQUIRED.

The Board of Williams County Commissioners met in regular session on the above date with the following members present:

Brian A. Davis, YES Terry N. Rummel, YES Lewis D. Hilkert, N/P

Commissioner Rummel moved adoption of the following resolution:

WHEREAS, the Local Transportation Improvement Program provides financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, on August 29, 2018 Todd Roth, Williams County Engineer submitted a letter asking for approval by resolution to submit applications to participate in the Ohio Public Works Commission Local Transportation Improvement Program (LTIP). The letter is attached and made a part hereof; and

WHEREAS, Williams County is planning to make capital improvements to various roads and bridges within the Williams County Highway System, and the LTIP application will include improvements to various roads and bridges within that system; and

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

NOW THEREFORE, BE IT RESOLVED by Williams County:

Section 1: The President of Board of Commissioners, Brian A. Davis is hereby authorized to apply to the OPWC for funds as described above.

Section 2: The President of the Board of Commissioners, Brian A. Davis is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

BE IT FURTHER RESOLVED, that it is further found and determined that all formal actions of this Board concerning and relating to the adoption of this Resolution were so adopted in an open meeting of this Board and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public in compliance with all legal requirements, including Section 121.22 of the Ohio Revised Code.

Commissioner Davis seconded the motion.

The vote upon adoption resulted as follows:

Mr. Brian A. Davis, yes

Mr. Terry N. Rummel, yes

Mr. Lewis D. Hilbert, NIP

WILLIAMS COUNTY COMMISSIONERS

B. A. Davis
President of the Board of Commissioners

Terry Rummel
Vice-Pres of the Board of Commissioners

Not Program
Member of the Board of Commissioners

BRIAN A. DAVIS
President
419-481-2999

TERRY N. RUMMEL
Vice President
419-466-9285

LEWIS D. HILKERT
Commissioner
419-262-6528

ANNE M. RETCHER, Clerk
ROBIN R. KEMP, Assistant Clerk

WILLIAMS COUNTY
COMMISSIONERS OFFICE
ONE COURTHOUSE SQUARE
BRYAN, OHIO 43506-1791
PHONE 419-636-2059 FAX 419-636-0643

August 31, 2018

CERTIFICATION

I, Anne M. Retcher, Clerk of the Board of Commissioners of Williams County, Ohio, do hereby certify that the attached is a true and correct copy of Resolution 18-0292 adopted by the Board of County Commissioners of Williams County, Ohio on August 30, 2018 - VOL 154 PAGE 816-818.



Anne M. Retcher
Clerk, Williams County Commissioners





**Williams County Auditor
Julie A. Beagle**

One Courthouse Square

Bryan, Ohio 43506

Phone 419-636-5639

Fax 419-636-8584

E-mail: wmscoaud@bright.net

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

September 7, 2018

I, Julie A. Beagle, Auditor of Williams County, hereby certify that Williams County will have the amount of \$400,944 in the Auto & Gas Tax Funds and that this amount will be used to pay the local share for the 2019 Bridge & Culvert Replacement Project when it is required.

Julie A. Beagle
Williams County Auditor



Williams County Engineer

Todd J Roth P.E., P.S.

12953 County Road G Bryan, OH 43506

Phone: 419-636-2454

Fax: 419-636-8687

www.wmscoengineer.com

2019 Bridge and Culvert Replacement Project

September 7, 2018

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

1. No additional right of way or Easement acquisition is required for the completion of this project.
2. Productive agricultural or grazing land will not be affected by this project.
3. No mitigation measures are warranted for this project.

Please contact me at this office with any questions regarding the above information.

Respectfully submitted,

Todd J. Roth, P.E., P.S.
Williams County Engineer

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Williams County Commissioners
BRIDGE REPLACEMENT
 Q.50 & 2.50 Bridges And CR J Culvert
 Williams County, Ohio

Williams County Engineer's Office
 12953 County Road G
 Bryan, Ohio 43506
 419-636-2454
 Fax 419-636-8687
Todd J. Roth, P.E., P.S.
 email: troth@wmscoengineer.com

| Bid Item | Item | Name | Unit | Quantity | Estimated Unit Price | Estimated Cost |
|-------------------------------------|------|---|--------|----------|----------------------|---------------------|
| CR Q.50 ALUMINUM BOX CULVERT | | | | | | |
| ROADWAY | | | | | | |
| 1 | 201 | CLEARING AND GRUBBING | LUMP | 1 | 500.00 | \$500.00 |
| 2 | 203 | EMBANKMENT | CU YD | 20 | 20.00 | \$400.00 |
| EROSION CONTROL | | | | | | |
| 3 | 207 | PERIMETER FILTER FABRIC FENCE | FT | 100 | 1.30 | \$130.00 |
| 4 | 601 | TYPE C, ROCK CHANNEL PROTECTION, 18" THICK | CU YD | 30 | 70.00 | \$2,100.00 |
| 5 | 659 | TOPSOIL | CU YD | 4 | 20.00 | \$80.00 |
| 6 | 659 | SEEDING AND MULCHING | SQ YD | 88 | 2.50 | \$220.00 |
| PAVEMENT | | | | | | |
| 7 | 202 | SUBGRADE COMPACTION | SQ YD | 100 | 2.00 | \$200.00 |
| 8 | 255 | FULL DEPTH PAVEMENT SAWING | FT | 40 | 10.00 | \$400.00 |
| 9 | 304 | AGGREGATE BASE | CU YD | 250 | 50.00 | \$12,500.00 |
| 10 | 407 | TACK COAT FOR INTERMEDIATE COURSE | GALLON | 3 | 2.25 | \$6.75 |
| 11 | 411 | STABILIZED AGGREGATE BASE | CU YD | 2 | 50.00 | \$100.00 |
| 12 | 448 | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22 | CU YD | 6 | 300.00 | \$1,800.00 |
| 13 | 448 | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 | CU YD | 4 | 300.00 | \$1,200.00 |
| STRUCTURES | | | | | | |
| 14 | 202 | STRUCTURES REMOVED (One Abutment remains) | LUMP | 1 | 5,000.00 | \$5,000.00 |
| 15 | 202 | WEARING COURSE REMOVED | SY | 56 | 20.00 | \$1,120.00 |
| 16 | 503 | UNCLASSIFIED EXCAVATION | LUMP | 1 | 1,000.00 | \$1,000.00 |
| 17 | 503 | COFFERDAMS AND EXCAVATION BRACING | LUMP | 1 | 2,000.00 | \$2,000.00 |
| 18 | 509 | EPOXY COATED REINFORCING STEEL | LB | 10000 | 2.00 | \$20,000.00 |
| 19 | 511 | QC1 CONCRETE FOOTING | CY | 60 | 450.00 | \$27,000.00 |
| 20 | 511 | QC1 CONCRETE HEADWALL | CY | 15 | 430.00 | \$6,450.00 |
| 18 | 603 | BEDDING STONE, 57's OR PEA STONE | CU YD | 20 | 50.00 | \$1,000.00 |
| 19 | 603 | ALUMINUM BOX CULVERT CONDUIT | LUMP | 1 | 96,000.00 | \$96,000.00 |
| 20 | 603 | <8", TYPE B 707.33 (CONTINGENCY) | LF | 20 | 25.00 | \$500.00 |
| 21 | 603 | >8", TYPE B 707.33 (CONTINGENCY) | LF | 20 | 35.00 | \$700.00 |
| 22 | 613 | LOW STRENGTH MORTAR | CU YD | 13 | 75.00 | \$975.00 |
| MISCELLANEOUS | | | | | | |
| 23 | 614 | MAINTAINING TRAFFIC | LUMP | 1 | 5,000.00 | \$5,000.00 |
| 24 | 623 | CONSTRUCTION LAYOUT STAKES | LUMP | 1 | 2,000.00 | \$2,000.00 |
| 25 | 624 | MOBILIZATION | LUMP | 1 | 10,000.00 | \$10,000.00 |
| 26 | 624 | PREMIUM FOR CONTRACT PERFORMANCE BOND | LUMP | 1 | 4,000.00 | \$4,000.00 |
| TOTAL Q.50 BRIDGE ESTIMATE | | | | | | \$202,381.75 |
| CR 2.50 ALUMINUM BOX CULVERT | | | | | | |
| ROADWAY | | | | | | |

| Bid Item | Item | Name | Unit | Quantity | Estiamted Unit Price | Estimated Cost |
|------------------------|------|---|--------|----------|----------------------|----------------|
| 1 | 201 | CLEARING AND GRUBBING | LUMP | 1 | 500.00 | \$500.00 |
| 2 | 203 | EMBANKMENT | CU YD | 20 | 20.00 | \$400.00 |
| EROSION CONTROL | | | | | | |
| 3 | 207 | PERIMETER FILTER FABRIC FENCE | FT | 100 | 1.30 | \$130.00 |
| 4 | 601 | TYPE C, ROCK CHANNEL PROTECTION, 18" THICK | CU YD | 20 | 70.00 | \$1,400.00 |
| 5 | 659 | TOPSOIL | CU YD | 4 | 20.00 | \$80.00 |
| 6 | 659 | SEEDING AND MULCHING | SQ YD | 88 | 2.50 | \$220.00 |
| PAVEMENT | | | | | | |
| 7 | 202 | SUBGRADE COMPACTION | SQ YD | 60 | 2.00 | \$120.00 |
| 8 | 255 | FULL DEPTH PAVEMENT SAWING | FT | 40 | 10.00 | \$400.00 |
| 9 | 304 | AGGREGATE BASE | CU YD | 250 | 50.00 | \$12,500.00 |
| 10 | 407 | TACK COAT FOR INTERMEDIATE COURSE | GALLON | 3 | 2.32 | \$6.96 |
| 11 | 411 | STABILIZED AGGREGATE BASE | CU YD | 2 | 50.00 | \$100.00 |
| 12 | 448 | ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, PG64-22 | CU YD | 6 | 300.00 | \$1,800.00 |
| 13 | 448 | ASPHALT CONCRETE SURFACE COURSE, TYPE 1, PG64-22 | CU YD | 4 | 300.00 | \$1,200.00 |
| STRUCTURES | | | | | | |
| 14 | 202 | STRUCTURES REMOVED (One Abutment remains) | LUMP | 1 | 5,000.00 | \$5,000.00 |
| 15 | 202 | WEARING COURSE REMOVED | SY | 56 | 20.00 | \$1,120.00 |
| 16 | 503 | UNCLASSIFIED EXCAVATION | LUMP | 1 | 1,000.00 | \$1,000.00 |
| 17 | 503 | COFFERDAMS AND EXCAVATION BRACING | LUMP | 1 | 1,000.00 | \$1,000.00 |
| 18 | 509 | EPOXY COATED REINFORCING STEEL | LB | 8070 | 2.00 | \$16,140.00 |
| 19 | 511 | QC1 CONCRETE FOOTING | CY | 25 | 450.00 | \$11,250.00 |
| 20 | 511 | QC1 CONCRETE HEADWALL | CY | 16 | 430.00 | \$6,880.00 |
| 18 | 603 | BEDDING STONE, 57's OR PEA STONE | CU YD | 10 | 50.00 | \$500.00 |
| 19 | 603 | ALUMINUM BOX CULVERT CONDUIT | LUMP | 1 | 49,237.50 | \$49,237.50 |
| 20 | 603 | <8", TYPE B 707.33 (CONTINGENCY) | LF | 20 | 25.00 | \$500.00 |
| 21 | 603 | >8", TYPE B 707.33 (CONTINGENCY) | LF | 20 | 35.00 | \$700.00 |
| 22 | 613 | LOW STRENGTH MORTAR | CU YD | 13 | 75.00 | \$975.00 |
| MISCELLANEOUS | | | | | | |
| 23 | 614 | MAINTAINING TRAFFIC | LUMP | 1 | 5,000.00 | \$5,000.00 |
| 24 | 623 | CONSTRUCTION LAYOUT STAKES | LUMP | 1 | 2,000.00 | \$2,000.00 |
| 25 | 624 | MOBILIZATION | LUMP | 1 | 10,000.00 | \$10,000.00 |
| 26 | 624 | PREMIUM FOR CONTRACT PERFORMANCE BOND | LUMP | 1 | 4,000.00 | \$4,000.00 |

TOTAL Q.50 BRIDGE ESTIMATE \$134,159.46

CR J CULVERT PIPE

| | | | | | | |
|---|--|-----------------------------|------|------|----------|-------------|
| 1 | | IN KIND CULVERT REPLACEMENT | LUMP | 1.00 | 38357.42 | \$38,357.42 |
|---|--|-----------------------------|------|------|----------|-------------|

TOTAL J CULVERT ESTIMATE \$38,357.42

2 BRIDGES & J CULVERT TOTAL \$374,898.63

5% CONTINGENCIES \$18,744.93

TOTAL ESTIMATE \$393,643.56

I HEREBY CERTIFY THAT THIS ESTIMATE WAS PREPARED USING STATE OF OHIO PREVAILING WAGE RATES AND THE USEFULL LIFE FOR THIS PROJECT IS 50 YEARS.



September 6, 2018
Date

Todd J Roth, PE, PS



END OF ITEM

Force Account Project Assessment Form (Estimate)

Ohio Revised Code 117.16 requires the Auditor of State to develop a force account project assessment form to be used by each public office to estimate or report the cost of a force account project. The form shall include costs for employee salaries and benefits, any other labor cost, materials, freight, fuel, hauling, overhead expense, workers' compensation premiums, and all other items of cost and expense, including a reasonable allowance for the use of all tools and equipment used on or in connection with such work and for the depreciation on the tools and equipment.

This form is to be completed as provided in Auditor of State Bulletin 2003-003.

Project Name/Number: Road 018 Bridge 08, 07110 CR J Culvert Replacement

Project Description: Replacement of a 72" CMP

Proposed Start Date: 7-15-19

Proposed End Date: 7-23-19

ESTIMATED LABOR

| Description | Base Wage | Hours Worked | Total |
|--|-----------|--------------|----------------|
| Supervisor | 20.00 | X 48.00 | = 960.00 |
| Laborer | 16.00 | X 48.00 | = 768.00 |
| Laborer | 15.00 | X 48.00 | = 720.00 |
| Laborer | 15.00 | X 16.00 | = 240.00 |
| | | X | = 0.00 |
| | | X | = 0.00 |
| Total Base Wages | | | 2688.00 |
| % of base wages (fringe benefits, BWC, etc.) | | | 806.40 |
| % of wages and fringe benefits for overhead | | | 1327.87 |
| Total Labor Estimate | | | 4822.27 |

ESTIMATED MATERIALS

| Description | Cost per Unit | Quantity | Unit Type | Total |
|----------------------------------|---------------|----------|-----------|-----------------|
| 72" CMP | 160.00 | X 100.00 | LF | = 16000.00 |
| Connecting Band | 320.00 | X 1.00 | EA | = 320.00 |
| Type C Dump Rock | 48.00 | X 20.00 | CY | = 960.00 |
| Asphalt - Sub | 6000.00 | X 1.00 | Lump | = 6000.00 |
| #304 Limestone | 11.05 | X 98.00 | CY | = 1082.90 |
| Low Strength Mortar | 78.50 | X 20.00 | CY | = 1570.00 |
| Bedding Stone | 10.00 | X 18.50 | CY | = 185.00 |
| Grass Seed | 1.30 | X 100.00 | lbs | = 130.00 |
| Straw | 3.00 | X 10.00 | EA | = 30.00 |
| Base Materials | | | | 26277.90 |
| % of base materials for overhead | | | | 3941.69 |
| Total Materials Estimate | | | | 30219.59 |

ESTIMATED EQUIPMENT

Each piece of equipment used in a project must be assigned an hourly rate. For equipment owned by the public entity, this rate must reflect the original purchase price of the equipment, maintenance cost, time in service, depreciation, freight, fuel, and hauling. The public office may use any generally accepted rate that reflects all of the aforementioned considerations, or it may use the statewide rates as published by the Ohio Department of Transportation and updated on a quarterly basis; however, the office must use the same rate source for all equipment used in a project. Any equipment rented by the public entity must be listed in the form and reflect the actual rental rate.

| Description | Rate per | | Hours | | Total |
|---------------------------|---------------------------------|---|--------|---|----------------|
| | Hour/Mile | | Miles | | |
| <u>3/4 Ton Pick-up</u> | 0.64 | X | 108.00 | = | 69.12 |
| <u>1 Ton Pick-up</u> | 0.94 | X | 36.00 | = | 33.84 |
| <u>Semi</u> | 2.06 | X | 36.00 | = | 74.16 |
| <u>Excavator</u> | 62.76 | X | 24.00 | = | 1506.24 |
| <u>Dump Truck, 25-35k</u> | 2.57 | X | 36.00 | = | 92.52 |
| <u>Dump Truck, Tandem</u> | 3.86 | X | 180.00 | = | 694.80 |
| <u>Trailer</u> | 14.15 | X | 10.00 | = | 141.50 |
| <u>Roller</u> | 33.38 | X | 6.00 | = | 200.28 |
| <u>Water Tank</u> | 0.21 | X | 6.00 | = | 1.26 |
| <u>4" Water Pump</u> | 19.26 | X | 24.00 | = | 462.24 |
| <u>Straw Chopper</u> | 19.80 | X | 2 | = | 39.6 |
| | <u>Total Equipment Estimate</u> | | | | <u>3315.56</u> |

TOTAL ESTIMATED PROJECT COST \$ 38,357.42 (labor + materials + equipment)

Prepared by: John Waterston

Title: Deputy Engineer

Date: 9/6/2018

Williams County Engineer
12953 CR G
Bryan, Ohio 43506

Site Code: 17000 CR2.50
 Station ID:

Latitude: 0° 0.0000 South

| Start Time | 11-Sep-17 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|-------------|-----------|--------|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|--------------|-------|
| | Direction | 1 | Direction | 2 | Direction | 3 | Direction | 4 | Direction | 5 | Direction | 6 | Direction | 7 | Direction | 8 |
| 12:00 AM | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 01:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 02:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 03:00 | 2 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 2 |
| 04:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 05:00 | 3 | 2 | * | * | * | * | * | * | * | * | * | * | * | * | * | 3 |
| 06:00 | 6 | 7 | * | * | * | * | * | * | * | * | * | * | * | * | * | 6 |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12:00 PM | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lane | 11 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 |
| Day | 20 | 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 20 |
| AM Peak | 06:00 | 06:00 | - | - | - | - | - | - | - | - | - | - | - | - | - | 06:00 |
| Vol. | 6 | 7 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 |
| PM Peak | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 7 |
| Vol. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Comb. Total | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 95 |
| ADT | ADT 80 | ADT 80 | | | | | | | | | | | | | ADT 80 | |

Williams County Engineer
12953 CR G
Bryan, Ohio 43506

Site Code: 02500 CR Q .50
 Station ID:

Latitude: 0° 0.0000 South

| Start Time | 11-Sep-17 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|-------------|-----------|--------|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|-----------|---|--------------|-------|
| | Direction | 1 | Direction | 1 | Direction | 1 | Direction | 1 | Direction | 1 | Direction | 1 | Direction | 1 | Direction | 1 |
| 12:00 AM | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 01:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 02:00 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 03:00 | 2 | 1 | * | * | * | * | * | * | * | * | * | * | * | * | * | 2 |
| 04:00 | 1 | 1 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1 |
| 05:00 | 1 | 3 | * | * | * | * | * | * | * | * | * | * | * | * | * | 1 |
| 06:00 | 6 | 4 | * | * | * | * | * | * | * | * | * | * | * | * | * | 6 |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 12:00 PM | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 01:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 02:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 03:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 04:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 05:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 06:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 07:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 08:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 09:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 10:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| 11:00 | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Lane | 10 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 10 |
| Day | 19 | 06:00 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 19 |
| AM Peak | 06:00 | 06:00 | - | - | - | - | - | - | - | - | - | - | - | - | - | 06:00 |
| Vol. | 6 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 |
| PM Peak | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Vol. | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Comb. Total | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 71 |
| ADT | ADT 58 | ADT 58 | | | | | | | | | | | | | ADT 58 | |

Williams County Engineer
12953 CR G
Bryan, Ohio 43506

Site Code: 07000 CRJ
 Station ID:

Latitude: 0' 0.0000 South

| Start Time | 10-Sep-18 | | Tue | | Wed | | Thu | | Fri | | Sat | | Sun | | Week Average | |
|------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|-----------|
| | Direction 1 | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction | Direction |
| 12:00 AM | 1 | 2 | 0 | 0 | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 01:00 | 1 | 0 | 1 | 1 | * | * | * | * | * | * | * | * | * | * | * | 1 |
| 02:00 | 3 | 0 | 2 | 2 | * | * | * | * | * | * | * | * | * | * | * | 2 |
| 03:00 | 0 | 0 | 1 | 1 | * | * | * | * | * | * | * | * | * | * | * | 0 |
| 04:00 | 3 | 2 | 4 | 4 | * | * | * | * | * | * | * | * | * | * | * | 4 |
| 05:00 | 8 | 4 | 7 | 5 | * | * | * | * | * | * | * | * | * | * | * | 8 |
| 06:00 | 7 | 9 | 9 | 4 | * | * | * | * | * | * | * | * | * | * | * | 8 |
| 07:00 | 6 | 17 | 10 | 12 | * | * | * | * | * | * | * | * | * | * | * | 8 |
| 08:00 | 2 | 8 | 7 | 10 | * | * | * | * | * | * | * | * | * | * | * | 4 |
| 09:00 | 10 | 9 | 13 | 12 | * | * | * | * | * | * | * | * | * | * | * | 12 |
| 10:00 | 12 | 12 | 11 | 11 | * | * | * | * | * | * | * | * | * | * | * | 12 |
| 11:00 | 6 | 13 | 13 | 14 | * | * | * | * | * | * | * | * | * | * | * | 10 |
| 12:00 PM | 6 | 9 | 13 | 11 | * | * | * | * | * | * | * | * | * | * | * | 10 |
| 01:00 | 11 | 8 | 13 | 11 | * | * | * | * | * | * | * | * | * | * | * | 10 |
| 02:00 | 18 | 20 | * | * | * | * | * | * | * | * | * | * | * | * | * | 11 |
| 03:00 | 8 | 27 | * | * | * | * | * | * | * | * | * | * | * | * | * | 18 |
| 04:00 | 21 | 23 | * | * | * | * | * | * | * | * | * | * | * | * | * | 8 |
| 05:00 | 15 | 28 | * | * | * | * | * | * | * | * | * | * | * | * | * | 21 |
| 06:00 | 4 | 14 | * | * | * | * | * | * | * | * | * | * | * | * | * | 15 |
| 07:00 | 12 | 5 | * | * | * | * | * | * | * | * | * | * | * | * | * | 4 |
| 08:00 | 9 | 8 | * | * | * | * | * | * | * | * | * | * | * | * | * | 12 |
| 09:00 | 9 | 2 | * | * | * | * | * | * | * | * | * | * | * | * | * | 9 |
| 10:00 | 4 | 2 | * | * | * | * | * | * | * | * | * | * | * | * | * | 9 |
| 11:00 | 1 | 0 | * | * | * | * | * | * | * | * | * | * | * | * | * | 4 |
| Lane | 177 | 222 | 91 | 84 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 191 |
| Day | 399 | | 175 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 411 |
| AM Peak | 10:00 | 07:00 | 09:00 | 11:00 | - | - | - | - | - | - | - | - | - | - | - | 09:00 |
| Vol. | 12 | 17 | 13 | 14 | - | - | - | - | - | - | - | - | - | - | - | 12 |
| PM Peak | 16:00 | 17:00 | 12:00 | 12:00 | - | - | - | - | - | - | - | - | - | - | - | 16:00 |
| Vol. | 21 | 28 | 13 | 11 | - | - | - | - | - | - | - | - | - | - | - | 21 |

| | | | | | | | | |
|-------------|---------|----------|---|---|-----|-----|-----|-----|
| Comb. Total | 399 | 175 | 0 | 0 | 436 | 375 | 290 | 783 |
| ADT | ADT 392 | AADT 392 | | | | | | |

DRAFT

Unit of Measure: ENGLISH
 Structure File Number: 8634874
 Sufficiency Rating: 34.4

Bridge Inventory and Appraisal
 Inventory Bridge Number: WIL C0081 00.030
 1 DITCH #201

(2) District: 02
 (4) FIPS Code: 57162 - NORTHWEST
 (102) Direction of Traffic: 2 - 2-way traffic

(3) County: 86 - WILLIAMS
 (216) Temporary:

(9) Location: 02220 RD Q.50
 (208) Route On Bridge: 99 - Non highway
 (110) Truck Network: 0
 (42A) Type Serv (On): 1 - Highway

(7) Facility Carried: CR 81 (Q.50)
 (207) Route Under Bridge: 40 - County
 (101) Parallel: N
 (42B) Type Serv (Under): 5 - Waterway

(45) Main Spans Number: 1
 (46) Approach Spans Number: 0
 (307) Total Spans: 1

Type: 1 - CONCRETE/1 - SLAB/1 - SIMPLE
 Type: N - NONE/N - NONE/N - NONE
 (48) Max Span: 12 Ft
 (49) Overall Leng: 15 Ft

Inventory Route Data

(5A) Route On/Under: 1 - Route carried "on" the
 (5D) Route No: C0081 (5E) Dir: 0 - Not
 (6) Feature Intersected: DITCH #201

(3) County: WIL (200) Mileage: 00.030 (201) Special Design: (209) Mile Marker:
 (30) ADT Year: 2015
 (29) Avg. Daily Traffic (ADT): 140
 (235) Truck Traf: 10 (210) Corridor: N
 (26) Functional Class: 09 - Rural - Local

(370A) Record Type:
 (370D) Route No:
 (373) Feature Intersected:
 (3) County: WIL (371) Mile Marker:
 (379) Avg. Daily Traffic (ADT):
 (381) Truck Traf:
 (375) Functional Class:

(370B) Hwy Sys:
 (370C) Des:
 (387) Special Design:
 (380) ADT Year:
 (378) NHS:
 (386) Strahnt:

(335) NC: 0 Ft
 (47) CARD: 24 Ft
 (336) NC: 0 Ft
 (10) CARD: 99.99 Ft
 (338) Right NC: 0 Ft
 (337) Right CARD: 0 Ft
 (340) Left NC: 0 Ft
 (339) Left CARD: 0 Ft
 (39) Vrt Cir Lt:

(19) Bypass Length: 3 Miles
 (16) Latitude: 41.67136425
 (20) Toll: 3 - On Free Road, the structure is toll
 (27) Date Built: 1900
 (28A) No. Lanes On: 2
 (301) Horiz Curve:
 (32) App. Rdw Width: 24 Ft
 (52) Deck Width: 24 Ft
 (406) Median Type: N - NON BARRIER/N - NO JOINT
 (33) Bridge median: 0 - No median
 Sidewalks:
 (50A) Left: 0 Ft
 (50B) Right: 0 Ft

(425) Left Mat: N - None
 (427) Right Mat: N - None
 (412) Flared: N
 (407) Railing: 1 - Reinforced Concrete Parapet
 (409) Deck Drainage: 0 - Other (Natural-off the bridge ends)
 (107) Deck Type: 1 - Reinforced concrete
 Deck Protection:
 (108B) External: N - Not Applicable (only for bridges for no decks)
 (108C) Internal: N - Not Applicable (applies only to bridges without deck)
 (108A) Wearing Surface: B - Chip & Seal - Overlay
 (420) Thickness: 0.25 in
 (547) Slope Protection: N - None

(17) Longitude: -84.78206730
 (106) Major Rehabilitation:
 Major Reconstruction Date:
 (28B) No. Lanes Under: 0
 (34) Skew: 0 Deg
 (51) Brg. Rdw Width: 24 Ft
 Deck Area: 360

(426) Type: N - None or N/A (RR, Pedestrian,
 (428) Type: N - None or N/A (RR, Pedestrian,
 (408) Composite: N - Non-composite

(425) Main Member: C - Slab
 (414) Expansion Joint: N - NONE//
 (453) Bearing Devices: N - NONE/N - NONE/
 (38) Navigation: 0 - No Navigation control on
 (92C) Spec Insp: N Freq: 0
 (92A) Fracture Critical Insp: N Freq: 24
 (474) Long Member: N - Not Applicable (i.e. Culvert, Beam, Slab,
 (486) Structural Steel Memb: N - None

(39) Vrt Cir: 0 Ft
 (48) Hinges: N - Not Applicable (structures with no hinges)
 (465) Framing: N - None or Not Applicable
 (407) Railing: 1 - Reinforced Concrete Parapet
 (482) Paint: N - None or Not Applicable

(203) Bridge Dedicated

(326) NC: 0 Ft
 (327) NC: 0 Ft
 (329) Right NC: 0 Ft
 (330) Left NC: 0 Ft
 (326) NC: 0 Ft
 (327) NC: 0 Ft
 (329) Right NC: 0 Ft
 (330) Left NC: 0 Ft

(31) Design Load: 3 - HS15
 (64) Opr Rat Fact: 24.84
 (66) Inv Rat Fact: 18.00
 (734) Ohio Percent Legal
 (704) Year of Rating: 7/1/2010
 (63) Analysis: 0 - Field evaluation and documented engineering judgment in
 (708) Rate Soft: 0 - Assigned rating (No calculations were done)
 (707) PE# 0

(401) Approach Guardrail: 1 - Steel Beam
 (403) Approach Pavement: 2 - Bituminous

(575) Culvert Type: N - Not a Culvert or Rigid Frame
 (580) Depth of Fill: 0 Ft

(475) Main Member: C - Slab
 (414) Expansion Joint: N - NONE//
 (453) Bearing Devices: N - NONE/N - NONE/
 (38) Navigation: 0 - No Navigation control on
 (92C) Spec Insp: N Freq: 0
 (92A) Fracture Critical Insp: N Freq: 24
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 (486) Structural Steel Memb: N - None

(477) Moment Plate: N - No Moment Plates
 (93C) Special Inspection Date:
 (93A) Special Inspection Date:
 (468) Hinges: N - Not Applicable (structures with no hinges)
 (465) Framing: N - None or Not Applicable
 (407) Railing: 1 - Reinforced Concrete Parapet
 (482) Paint: N - None or Not Applicable

(71) Waterway Adequacy: 8
 (72) Approach Alignment: 8
 (67) Calc Str Appraisal: 3 - Intolerable - high priority of
 (68) Calc Deck Geometry: 5 - Somewhat better than
 (69) Calc Underclearance: N - Not applicable

(402) Grade: 2 - Fair

(578) Length: 0 Ft
 (582) Headwalls: N - None or Not Applicable (Not a

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 (465) Framing: N - None or Not Applicable
 (407) Railing: 1 - Reinforced Concrete Parapet
 (482) Paint: N - None or Not Applicable

(71) Waterway Adequacy: 8
 (72) Approach Alignment: 8
 (67) Calc Str Appraisal: 3 - Intolerable - high priority of
 (68) Calc Deck Geometry: 5 - Somewhat better than
 (69) Calc Underclearance: N - Not applicable

(402) Grade: 2 - Fair

(578) Length: 0 Ft
 (582) Headwalls: N - None or Not Applicable (Not a

(477) Moment Plate: N - No Moment Plates
 (93C) Special Inspection Date:
 (93A) Special Inspection Date:
 (468) Hinges: N - Not Applicable (structures with no hinges)
 (465) Framing: N - None or Not Applicable
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 (69)

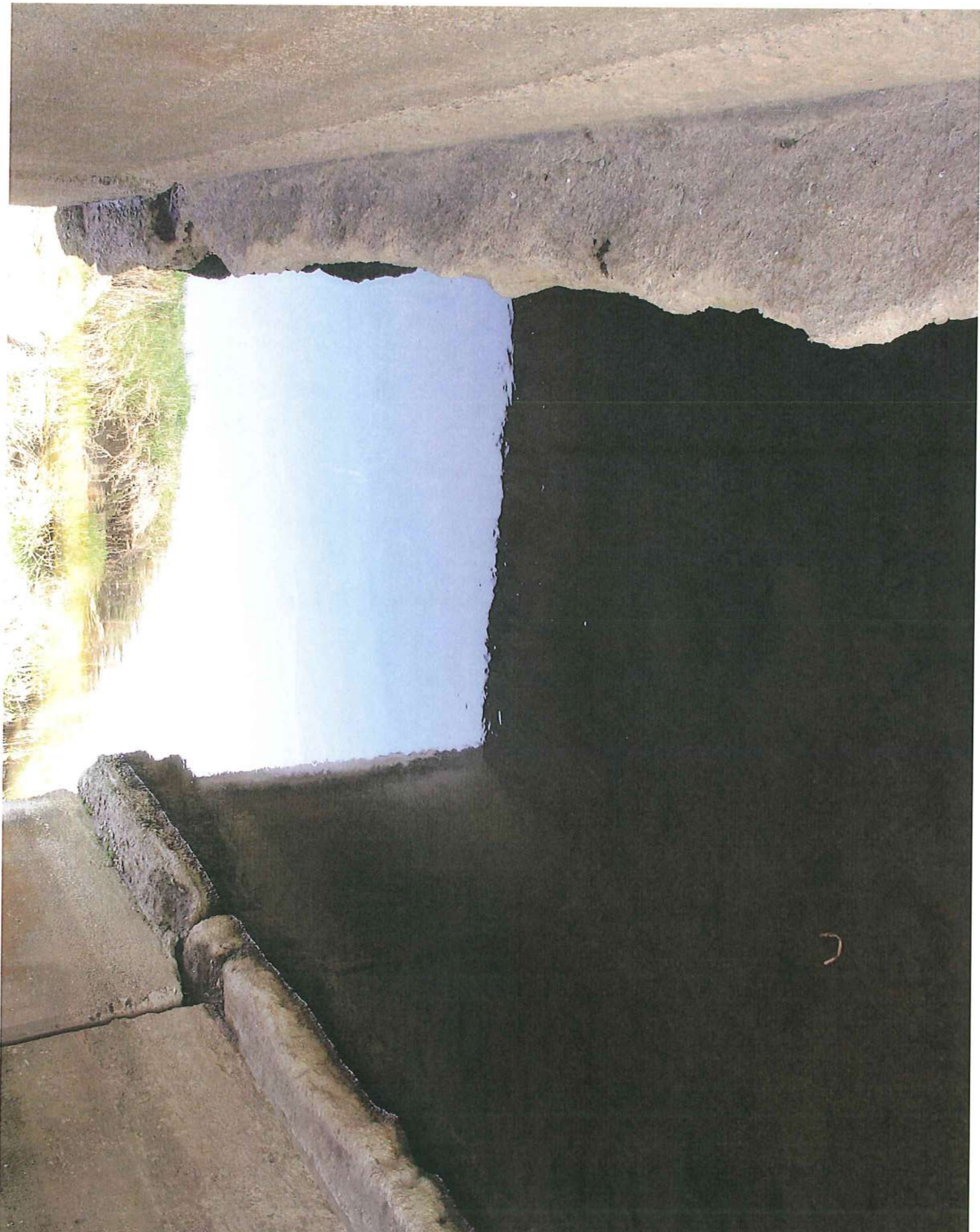
| General Information (Continued) | | Original Plans Information | |
|--|--|--|--|
| (37) Hist Significance: 4 - Not determinable at this time (112) NBIS: No (842) Hist/Designer: (827) Hist Build Year: (828) Hist Type: (98A) Border Bridge (98B) Resp: (99) SFN: | | (250) Fabricator: (249) Contractor: (248) Ohio Original Construction Project Number: (252) Microfilm Reel: (251) Standard Drawing: Aperture Cards: (246) Orig: N (247) Repair: N (245) Fabr: N (709) Rating Score: 0 - No plans or information available for load rating analysis | |
| Proposed Improvements | | Special Features | |
| (114) Future ADT (On Bridge): 194 (115) Year of Future ADT: 2038 | | (283) Lighting: N (430) Fence: N (432) Glare Screen: N (435) Splash Guard: N (459) Catwalk: N (271) Other-Feat: N (279) Signs on Bridge: N (281) Signs Under Bridge: N (431) Fence Height: 0 Ft (433) Noise Barrier: N | |
| Programming Info | | Utilities | |
| (36A) Railings: 0 - Does not meet acceptable (36B) Transitions: N - N/A/Safety feature not required (36C) Guardrail: 0 - Does not meet acceptable (36D) Rail Ends: 0 - Does not meet acceptable (92A) Fracture Critical: N (113) Scour Critical: 3 - Bridge is scour critical; Inspection Review Date: | | (265) Electric Line: N (266) Gas Line: N (269) Sanitary Sewer: N (267) Telephone Line: Y (268) TV Cable: N (270) Water Line: N (271) Other Utilities: N | |
| Inspection Summary | | Insp 1st: 3 - County Agency | |
| (58) Deck: 5 (59) Superstructure: 5 (60) Substructure: 3 (62) Culvert: N (61) Channel: 4 (c6) Approaches: 5 General Appraisal: 3 (41) Operational Status: A (90) Inspection Date: 09/21/2017 (91) Desig Insp Freq: 12 Months | | 2nd: X - None 3rd: X - None (21) Major Maint 1st: 3 - County Agency 2nd: X - None 3rd: X - None (225) Routine Maint 1st: 3 - County Agency 2nd: X - None 3rd: X - None | |
| SFNs Replacing this retired bridge: - SFNs That were replaced by this bridge: - This bridge was retired and copied to: The bridge was copied from: | | | |

| Inventory Route Data | |
|--|--|
| (2) District: 02 | (3) County: 86 - WILLIAMS |
| (4) FIPS Code: 57162 - NORTHWEST | (102) Direction of Traffic: 2 - 2-way traffic |
| (5D) Route No: C0068 | (5E) Dir: 0 - Not |
| (6) Feature Intersected: HUARD DITCH #527 | (5C) Des: 1 - Mainline |
| (3) County: WIL | (200) Mileage: 00.050 |
| (29) Avg. Daily Traffic (ADT): 256 | (201) Special Design: (209) Mile Marker. |
| (235) Truck Traf: 19 | (210) Corridor: N |
| (26) Functional Class: 09 - Rural - Local | (100) Strahnt: 0 - NOT STRAHNET |
| Intersected Route Data | |
| (370A) Record Type: | (370C) Hwy Sys: |
| (370D) Route No: | (370E) Dir: |
| (373) Feature Intersected: | (370C) Des: |
| (3) County: WIL | (371) Mile Marker: |
| (379) Avg. Daily Traffic (ADT): | (380) ADT Year: |
| (381) Truck Traf: | (378) NHS: |
| (375) Functional Class: | (386) Strahnt: |
| Clearance On the Bridge | |
| Min. Hriz on Bridge: | (335) NC: 0 Ft |
| (53) Prac Max Vert On Brig: | 99.99 Ft |
| Min Vrt Cir On Brig: | (336) NC: 0 Ft |
| Min Latl Cir: | (338) Right NC: 0 Ft |
| (39) Vrt Cir Lt: | (340) Left NC: 0 Ft |
| | 0 Ft |
| Structure Information | |
| (19) Bypass Length: 3 Miles | (17) Longitude: -84.77664723 |
| (16) Latitude: 41.67341327 | (106) Major Rehabilitation: |
| (20) Toll: 3 - On Free Road, the structure is toll | Major Reconstruction Date: |
| (27) Date Built: 1946 | (28B) No. Lanes Under: 0 |
| (301) Horiz Curve: 0 | (34) Skew: 0 Deg |
| (32) App. Rdw Width: 20 Ft | (51) Brg. Row Width: 20 Ft |
| (52) Deck Width: 22 Ft | Deck Area: 374 |
| (406) Median Type: /N - NON BARRIER/N - NO JOINT | |
| (33) Bridge median: 0 - No median | |
| Sidewalks: | (50A) Left: 0 Ft |
| Type Curb or Sidewalk: | (50B) Right: 0 Ft |
| (425) Left Matt: N - None | (426) Type: N - None or N/A (RR, Pedestrian, |
| (427) Right Matt: N - None | (428) Type: N - None or N/A (RR, Pedestrian, |
| (412) Flared: N | (408) Composite: N - Non-composite |
| (407) Deck Drainage: 1 - Reinforced Concrete Parapet | |
| (107) Deck Type: 1 - Reinforced concrete | |
| Deck Protection: | (108B) External: N - Not Applicable (only for bridges for no decks) |
| | (108C) Internal: N - Not Applicable (applies only to bridges without deck) |
| (108A) Wearing Surface: B - Chip & Seal - Overlay | |
| (420) Thickness: 0.25 in | (419) Date of Wearing Surface: 06/18/2018 |
| (547) Slope Protection: 3 - Rip Rap (dumped rock or rock channel protection) | |
| (9) Location: 17650 RD 2.50 | (208) Route On Bridge: 99 - Non highway |
| (110) Truck Network: 0 | (42A) Type Serv (On): 1 - Highway |
| (7) Facility Carried: CR 68 (2.50) | (207) Route Under Bridge: 40 - County |
| (101) Parallel: N | (42B) Type Serv (Under): 5 - Waterway |
| (49) Overall Leng: 17 Ft | |
| Foundation and Scour Information: | |
| (533) Fnd: 4 - Spread Footing | (533) Fnd: 4 - Spread Footing |
| (528) Fnd: 4 - Spread Footing | (528) Fnd: 4 - Spread Footing |
| (536) Fnd: N - None (Such as most Culverts) | (536) Fnd: N - None (Such as most Culverts) |
| (539) Fnd: N - None (Such as most Culverts) | (539) Fnd: N - None (Such as most Culverts) |
| (542) Fnd: N - None (Such as most Culverts) | (542) Fnd: N - None (Such as most Culverts) |
| (113) Scour: 7 - Countermeasures installed to correct scour problem. | |
| (655) Chan Prot: N - None | |
| (657) Drainage Area: 1 Sq. Mi | |
| Clearance Under the Bridge | |
| Min. Horiz Under Clear: | (326) NC: 0 Ft |
| (328) Prac Max Vrt Under Clear: | 0 Ft |
| Min. Vert Under Clear: | (327) NC: 0 Ft |
| Min Lat Under Clear: | (329) Right NC: 0 Ft |
| | (330) Left NC: 0 Ft |
| Load Rating Information | |
| (31) Design Load: 3 - HS15 | (71) Waterway Adequacy: 9 |
| (64) Opr Rat Fact: 1.050 | (72) Approach Alignment: 6 |
| (66) Inv Rat Fact: 0.630 | (67) Calc Str Appraisal: 3 - Intolerable - high priority of |
| (734) Ohio Percent Legal | (68) Calc Deck Geometry: 4 - Meets minimum tolerable |
| (704) Year of Rating: 7/1/2009 | (69) Calc Underclearance: N - Not applicable |
| (63) Analysis: 6 - Load Factor Rating (LFR) reported by RF using HS20 | |
| (708) Rate Soft: 0 - Assigned rating (No calculations were done) | |
| (707) PE# 0 | |
| Approach Information | |
| (401) Approach Guardrail: 1 - Steel Beam | (402) Grade: 2 - Fair |
| (403) Approach Pavement: 2 - Bituminous | |
| Culvert Information | |
| (575) Culvert Type: N - Not a Culvert or Rigid Frame | (578) Length: 0 Ft |
| (580) Depth of Fill: 0 Ft | (582) Headwalls: N - None or Not Applicable (Not a |
| General Information | |
| (475) Main Member: C - Slab | (477) Moment Plate: N - No Moment Plates |
| (414) Expansion Joint: N - NONE// | |
| (453) Bearing Devices: N - NONE/N - NONE/ | |
| (38) Navigation: 0 - No Navigation control on | (39) Vert Cir: 0 Ft |
| (92C) Spec Insp: N | Freq: 0 |
| (92A) Frong Member: N - Not Applicable (i.e. Culvert, Beam, Slab, | |
| (486) Structural Steel Memb: N - None | (468) Hinges: N - Not Applicable (structures with no hinges) |
| | (465) Framing: N - None or Not Applicable |
| | (407) Railing: 1 - Reinforced Concrete Parapet |
| | (482) Paint: N - None or Not Applicable |
| (203) Bridge Dedicated | |

| General Information (Continued) | | Original Plans Information | |
|--|--|---|--|
| (37) Hist Significance: 4 - Not determinable at this time (112) NBIS: No (842) Hist/Designer: (827) Hist Build Year: (828) Hist Type: (98A) Border Bridge (98B) Resp: (99) SFN: | | (250) Fabricator: (249) Contractor: (248) Ohio Original Construction Project Number: (252) Microfilm Reel: (251) Standard Drawing: Aperture Cards: (246) Orig: N (247) Repair: N (245) Fabr: N (709) Rating Score: 1 - Plan information available for load rating analysis (Default) | |
| Proposed Improvements: | | | |
| (114) Future ADT (On Bridge): 355 (115) Year of Future ADT: 2038 | | | |
| Programming Info | | Special Features | |
| PID Number: PID Status: PID Date: | | (283) Lighting: N (430) Fence: N (432) Glare Screen: N (435) Splash Guard: N (459) Catwalk: N (271) Other-Feat: N (279) Signs on Bridge: N (281) Signs Under Bridge: N (431) Fence Height: 0 Ft (433) Noise Barrier: N | |
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| Survey Items | | | |
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| SFNs Replacing this retired bridge: - SFNs That were replaced by this bridge: - This bridge was retired and copied to: The bridge was copied from: | | Insp 1st: 3 - County Agency 2nd: X - None 3rd: X - None (21) Major Maint 1st: 3 - County Agency 2nd: X - None 3rd: X - None (25) Routine Maint 1st: 3 - County Agency 2nd: X - None 3rd: X - None | |











2006 5 22