

# FellerFinch

& ASSOCIATES, INC.

Engineers · Surveyors

1683 Woodlands Drive  
Maumee, Ohio 43537  
Phone: (419) 893-3680  
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[www.fellerfinch.com](http://www.fellerfinch.com)

Donald L. Feller, P.E.  
Gregory N. Feller, P.E.  
Aaron M. Feller

September 10, 2021

Mr. John M. Musteric, P.E., P.S.  
Wood County Engineer  
One Courthouse Square  
Bowling Green, Ohio 43402

Re: OPWC 2021 Application  
City of Northwood  
Wheeling Street and Curtice Road Intersection  
Improvements  
Project No. 10G00140

Dear Mr. Musteric:

Please find enclosed one original and three copies of an OPWC application for the above referenced project in the City of Northwood. We have emailed a PDF file of the application directly to your office.

If there are any questions, or if further information is needed, please do not hesitate to contact our office at your convenience.

Sincerely,

FELLER, FINCH & ASSOCIATES, INC.



David R. Kuhn, P.E.

Enclosures

cc: Robert Anderson

P:\Grants\10G00140 - Northwood FY 2021 Application\10G00140 It13.001.doc

*Additional office in Franklin, Tennessee*



State of Ohio  
**Public Works Commission**  
*Application for Financial Assistance*

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

**Applicant**

Applicant: City of Northwood Subdivision Code: 173-57190

District Number: 5 County: Wood Date: 09/08/2021

Contact: Robert Anderson Phone: (419) 690-1629  
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: cityadmin@ci.northwood.oh.us FAX: (419) 693-6705

Project Name: Wheeling Street & Curtice Road Intersection Improvements Zip Code: 43619

**Project**

Subdivision Type	Project Type	Funding Request Summary
<small>(Select one)</small>	<small>(Select single largest component by \$)</small>	<small>(Automatically populates from page 2)</small>
<input type="checkbox"/> 1. County	<input checked="" type="checkbox"/> 1. Road	Total Project Cost: <u>301,200 .00</u>
<input checked="" type="checkbox"/> 2. City	<input type="checkbox"/> 2. Bridge/Culvert	1. Grant: <u>150,600 .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>150,600 .00</u>
	<input type="checkbox"/> 6. Stormwater	

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

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

**For OPWC Use Only**

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

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

## 1.1 Project Estimated Costs

### Engineering Services

Preliminary Design:	_____	2,000 .00	
Final Design:	_____	21,800 .00	
Construction Administration:	_____	11,600 .00	
Total Engineering Services:	a.) _____	35,400 .00	15 %
Right of Way:	b.) _____	.00	
Construction:	c.) _____	241,633 .00	
Materials Purchased Directly:	d.) _____	.00	
Permits, Advertising, Legal:	e.) _____	.00	
Construction Contingencies:	f.) _____	24,167 .00	10 %
Total Estimated Costs:	g.) _____	301,200 .00	

## 1.2 Project Financial Resources

### Local Resources

Local In-Kind or Force Account:	a.) _____	.00	
Local Revenues:	b.) _____	150,600 .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.) _____	150,600 .00	50 %

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

Grant: <u>100</u> % of OPWC Funds	j.) _____	150,600 .00	
Loan: <u>0</u> % of OPWC Funds	k.) _____	.00	
Loan Assistance / Credit Enhancement:	l.) _____	0 .00	
Subtotal OPWC Funds:	m.) _____	150,600 .00	50 %
Total Financial Resources:	n.) _____	301,200 .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>301,200</u> .00	<u>100</u> %	A Farmland Preservation letter is required for any impact to farmland
2.2 Total Portion of Project New / Expansion:	<u>0</u> .00	<u>0</u> %	
2.3 Total Project:	<u>301,200</u> .00	<u>100</u> %	

### 3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: <u>08/01/2022</u>	End Date: <u>12/31/2022</u>
3.2 Bid Advertisement and Award	Begin Date: <u>01/01/2023</u>	End Date: <u>03/01/2023</u>
3.3 Construction	Begin Date: <u>03/01/2023</u>	End Date: <u>11/30/2023</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: 20 Years      Age: 1992 (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 4,060      Year 2021      Projected ADT 4,953      Year 2041

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.

Project is located at the intersection of Wheeling Street and Curtice Road in the City of Northwood

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

The work consist of replacing the traffic signals and poles and replacing the concrete pavement at the intersection.

- 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.

All work at the intersection includes replacing about 150 feet of concrete pavement, replacing 3 traffic signal poles, replacing 8 traffic signal lights and the traffic controller.

## 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: Robert Anderson

Title: City Administrator

Address: 6000 Wales Road

City: Northwood State: Oh Zip: 43619

Phone: (419) 960-1629

FAX: (419) 693-6705

E-Mail: cityadmin@ci.northwood.oh.us

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

Name: Kenneth Yant

Title: Finance and Revenue Director

Address: 6000 Wales Road

City: Northwood State: Oh Zip: 43619

Phone: (419) 690-1632

FAX: (419) 693-6705

E-Mail: finance@ci.northwood.oh.us

### 5.3 Project Manager

Name: David R. Kuhn

Title: Project Manager

Address: 1683 Woodlands Dr.

City: Maumee State: Oh Zip: 43537

Phone: (419) 893-3680

FAX: (419) 893-2982

E-Mail: dkuhn@fellerfinch.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.**

Robert Anderson, City Administrator

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

\_\_\_\_\_  
Original Signature / Date Signed

# City of Northwood Summary of Attached Items September 9, 2021

1. Authorizing Resolution
2. Local Share Letter
3. Farmland Preservation Review Letter
4. Engineer's Preliminary Estimate of Construction & Useful Life Statement
5. Project Description
6. Pictures
7. Project Map
8. District 5 Questionnaire
9. Traffic Counts Information



# RECORD OF RESOLUTIONS

Dayton Legal Blank, Inc., Form No. 30045

Resolution No. 2021-08

Passed September 9, 2021

## RESOLUTION 2021-08

**A RESOLUTION AUTHORIZING THE CITY ADMINISTRATOR TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND / OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED.**

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure, and

WHEREAS, the City of Northwood is planning to make capital improvements to the Wheeling Street and Curtice Road intersection which will consist of replacing the traffic signal and reconstruction of the pavement, and

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

**NOW THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF NORTHWOOD, WOOD COUNTY, OHIO THAT:**

**Section 1.** The City Administrator is hereby authorized to apply to the OPWC for funds as described above.

**Section 2.** The City Administrator is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

**Section 3.** That it is found and determined that all formal actions of the Council relating to the adoption of this resolution were adopted in an open meeting of this Council, and that all deliberations of this Council and any of its committees that resulted in such formal action, were in meetings open to the public, in compliance with all legal requirements.

Vote to suspend rules: For: 5 Against: 0  
Vote on emergency clause: For: 5 Against: 0  
Vote on final adoption: For: 5 Against: 0

Adopted this 9 day of September, 2021 as an emergency measure.

Effective: September 9, 2021

ATTEST:

  
Clerk of Council

  
President of Council

APPROVED AS TO FORM:

  
City Attorney

APPROVED:

  
Mayor



## THE CITY OF NORTHWOOD

6000 Wales Road Northwood, Ohio 43619  
Phone: (419) 690-1600

September 10, 2021

I hereby certify that the City of Northwood, Wood County, Ohio has the amount of \$150,600.00 earmarked and set aside for the FY2021 Ohio Public Works Commission Grant Application and "Wheeling Street/Curtice Road intersection Improvements" in the City of Northwood, Ohio and that this amount will be used for the local share of said improvements when it is required.

Respectfully,

Kenneth Yant  
City of Northwood Director of Finance

## FARMLAND PRESERVATION REVIEW LETTER

### FARMLAND PRESERVATION REVIEW FOR THE OHIO PUBLIC WORKS COMMISSION

Wheeling Street and Curtice Road Intersection Improvements  
September 9, 2021

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 City of Northwood.

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

None. All work is located in the existing right – of – way of the road which is located in the developed area of the City.

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

None. All work is located in the existing right – of – way of the road which is located in the developed area of the City.

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

None.



Northwood City Engineer



WHEELING STREET AND CURTICE ROAD INTERSECTION TRAFFIC SIGNAL REPLACEMENT

(INCLUDES CONCRETE PAVEMENT REPAIRS)  
NORTHWOOD 2021 RESURFACING PROGRAM

CITY OF NORTHWOOD

PRELIMINARY ESTIMATE OF COSTS

September 2, 2021

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	TOTAL PRICE	
<b>ROADWAY</b>					
202	Removal of Traffic Signal Installation	1	LUMP	\$4,650.00	\$4,650.00
202	Concrete Pavement Removal	1200	SY	\$12.75	\$15,300.00
632	Vehicular Signal Head, 3 Section	8	EA	\$1,275.00	\$10,200.00
632	Covering of Vehicular Signal Head	8	EA	\$58.00	\$464.00
632	Pedestrian Signal Head	4	EA	\$1,200.00	\$4,800.00
632	Covering of Pedestrian Signal Head	2	EA	\$54.00	\$108.00
632	Pedestrian Push Button	4	EA	\$300.00	\$1,200.00
632	Signal Support, TC-81.20	3	EA	\$7,300.00	\$21,900.00
633	Controller, Actuated, with Radio and Cabinet	1	EA	\$22,000.00	\$22,000.00
633	Controller Work Pad	1	EA	\$225.00	\$225.00
633	Concrete for Cabinet Foundation	1	EA	\$1,700.00	\$1,700.00
633	Stop Bar Detection Radar	1	EA	\$17,000.00	\$17,000.00
633	Uninterruptible Power Supply	1	EA	\$10,600.00	\$10,600.00
632	Conduit 2" to 4"	200	FT	\$20.25	\$4,050.00
632	Trench	200	FT	\$5.50	\$1,100.00
632	Power Cable	50	FT	\$3.25	\$162.50
632	Signal Cable	150	FT	\$3.25	\$487.50
451	Reinforce Concrete Pavement	1200	SY	\$90.00	\$108,000.00
614	Maintain Traffic	1	LUMP	\$5,300.00	\$5,300.00
614	Law Enforcement Officer with Patrol Car	12	HR	\$53.00	\$636.00
624	Mobilization	1	LUMP	\$4,250.00	\$4,250.00
SPEC	Restoration of Right of Way	1	LUMP	\$7,500.00	\$7,500.00
Construction Subtotal				\$241,633.00	
Contingency				\$24,167.00	
Construction Total				\$265,800.00	
Topographic Survey				\$2,000.00	
Engineering Design				\$19,300.00	
Bidding Phase				\$2,500.00	
Construction Staking				\$2,000.00	
Project Representative Services (4 wk @ 8 hrs/day)				\$9,600.00	
Project Total				\$301,200.00	

ENGINEERS COST ESTIMATE AND USEFUL LIFE CERTIFICATION

I hear by certify that the project cost estimate is \$301,200.00.

I also hereby certify that the useful life of the proposed project is 20 years on pavement based upon use, location, design criteria, etc.

Signature: *David R. Kuhn*



P:\Grants\10G00140 - Northwood FY 2021 Application\2021 Wheeling Street & Curtice Road Traffic Signal Replacement Cost Estimate

















Coca-Cola

meijer









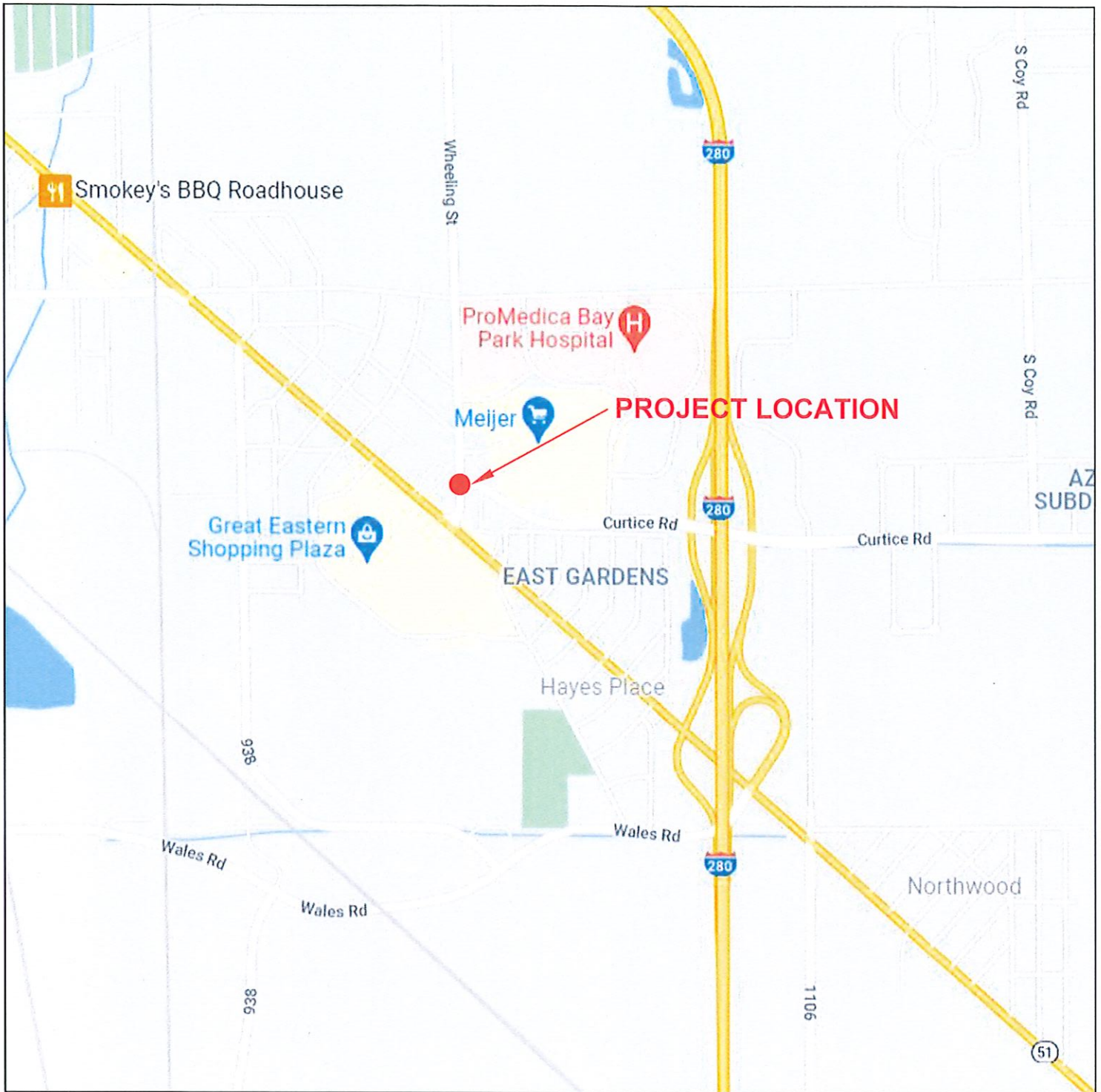
## Project Description

### Wheeling Street and Curtice Road Intersection Improvements

This project will reconstruct the concrete pavement at this intersection of Wheeling Street and Curtice Road. Also due to the age of the existing traffic signals, the project will upgrade the signal controller, provide a new power supply, upgrade traffic signals, upgrade pedestrian signals and upgrade the vehicle detection. This intersection was constructed in 1992 as part of the I-280 upgrade. The concrete pavement in recent years is developing cracking with displacement causing water to get into the subbase causing additional cracking of the concrete.

This intersection has high traffic counts as Curtice Road connects into the I-280 interchange and Wheeling Street is the main thoroughfare to the City of Oregon and City of Toledo from the City of Northwood. This intersection is in the main retail center of the City of Northwood and a vital link to the surrounding Cities.





**FY 2021 OPWC GRANT  
CITY OF NORTHWOOD  
WHEELING STREET AND CURTICE ROAD INTERSECTION IMPROVEMENTS**

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SCALE:	NTS
DATE:	9-10-21
DRAWN BY:	KSG
PROJECT NO.:	10G00140
DRAWING:	10-00140GS00A1



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District 5  
Capital Improvement Project  
Priority Rating Sheet, Round 35

Revised 06/29/2021

COUNTY: <u>WJADP</u>		PROJECT NUMBER:															
PROJECT: <u>Wheeling St &amp; Curlick Rd Inter. Imp</u>																	
EST. COST: <u>\$301,200.00</u>																	
No.	WEIGHT FACTOR	CRITERIA TO BE CONSIDERED	PRIORITY FACTORS					'A' x 'B'	PRIORITY FACTORS						No.		
			C	2	4	6	8		10	0	2	4	6	8		10	
1	1	(REPAIR OR REPLACE) vs. (NEW OR EXPANSION)							10	0%+	20%+	40%+	60%+	80%+	100%+	1	
										Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement	Repair or Replacement		
2A	1	EXISTING PHYSICAL CONDITION Please refer to Criteria #2 of the Round 35 Scoring Methodology. Must submit substantiating documentation. (100% New or Expansion = 0 Points)				X			8	Excellent	Good	Fair	Fairly	Poor	Falling	2A	
2B	1	AGE					X		5	Type	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-18 Yrs	17-20 Yrs	20+ Yrs	2B
										Road	0-4 Yrs	5-8 Yrs	9-12 Yrs	13-18 Yrs	17-20 Yrs	20+ Yrs	
										Wastewater	0-5 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	No Impact	Minimal	Moderate	Major	Critical	Extremely Critical	3	
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%	10%	20%	30%	40%	50%	4	
5	1	OTHER FUNDING (Excluding Issue II Funds) (Grants and other revenues not contributed or collected through taxes by the applicant, including GFA, Contributions, etc. - must submit copy of award or status letter.)	X						0	0%	10%	20%	30%	40%	50%	5	
6	2	OPWC GRANT AND LOAN FUNDS REQUESTED Please refer to Criteria #6 of the Round 35 Methodology for clarification.					X		20							6	
		Grant or Loan Only	-5	-8	0	8	9	10								6	
		Grant/Loan Combination	-5	-8	0	8	9	10								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 commitment 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 (Not schools or traffic counts) Equivalent existing and direct connections. Traffic Counts within three years with certified documentation, etc.					X		10	0-99 Users	100 - 349 Users	350 - 499 Users	500 - 749 Users	750 - 1000 Users	1000+ Users	8	
9	1	ECONOMIC DISTRESS Local Mill as a percentage of the District Median Mill	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)							94	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)								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.							
13A		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.							
13B		DISCRETIONARY POINTS (BY DISTRICT ONLY) (MAX=1)															
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.

DISTRICT 5  
CAPITAL IMPROVEMENT PROJECTS  
QUESTIONNAIRE  
ROUND 36

Name of Applicant: City of Northwood

Project Title: Wheeling Street Curtice Road Intersection Improvements

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. Villages and Townships under 5,000 in population should also complete the Small Government Criteria.

1. What percentage of the project in repair A= \_\_%, replacement B=100%, expansion C= \_\_%, and new D= \_\_%? (Use dollar amounts of project to figure percentages and make sure the total equals one hundred(100) percent) A+B= \_\_% C+D= \_\_% ORC Reference(s):164.06(B)(1); 164.14(E)(10)

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

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

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

Points	Category	Description	Examples
10	Failing	Infrastructure has reached a point where it requires replacement, reconstruction or reconfiguration to fulfill its purpose	-Intersection Reconfiguration due to accident problem- Structural paving of 3.5" or greater of additional pavement - Pavement Widening to meet ODOT L&D Standards - Complete Pavement Reconstruction - Water or Sewer Line Replacement - Water or Sewer Plant Replacement - Widening graded shoulder width to ODOT L&D Standard -Complete Bridge or Culvert replacement- Replacement of a major component of a water and/or sewer treatment plant which would result in a failure in meeting WQ Standards
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 component such as a control mechanism, pumps, hydrants, valves, filters,

			etc of a water or sewer plant - Single course of paving with 2.5% 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 -Repair of a tank to maintain structural integrity 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

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

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

### *Road/Street Classifications:*

#### *Major Access Road:*

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

#### *Minor Access Road:*

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

#### *Preventative Maintenance:*

*Non Structural Pavement work such as chip sealing, cape sealing, micro-surfacing, crack sealing, etc.*

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

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

## BRIDGES SUFFICIENCY RATING

<b>Extremely Critical:</b>	0-25, or a General Appraisal rating of 3 or less.
<b>Critical:</b>	27-50, or a General Appraisal rating of 4.
<b>Major:</b>	51-65 or a General Appraisal rating of 5 or 6.
<b>Moderate:</b>	66-80 or a General Appraisal rating of 7.
<b>Minimal:</b>	81-100 or a General Appraisal rating of more than 7.
<b>No Impact:</b>	Bridge on a new roadway.

### WASTEWATER TREATMENT PLANTS

Extremely Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of a consent decree, finding and orders or court order, and Health Department Construction Ban.
Critical:	Improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
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 Notice of Violations.
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:	Improvements ordered by the Environmental Protection Agency (EPA) in the form of a consent decree, findings and orders or court order.
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Critical:	Chronic flooding (structure damage) or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
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 critical safety hazard to the public.
Critical:	Inadequate capacity with land damage and the existing or high probability of property damage.
Major:	Inadequate capacity (land damage).
Moderate:	Inadequate capacity with no associated damage.
Minimal:	New/Expansion to meet current needs.
No Impact:	New/Expansion to meet future or projected needs.

### SANITARY SEWERS

Extremely Critical:	EPA orders in the form of a consent decree, findings and orders or court order. Health Department Construction Ban.
Critical:	Replace, due to chronic pipe failure, chronic backup or flooding in basements, sewer system overflows, and/or improvements required by the Environmental Protection Agency (EPA) in the form of NPDES permit requirements or Notice of Violations.
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; or improvements required by the Environmental Protection Agency (EPA) in the



form of NPDES permit requirements.

- 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: Replace to solve low potable water pressure or excessive incidents of main breaks in project area.
- Critical: Replacement/Rehabilitation due to structural deficiency such as excessive corrosion and/or safety upgrades, etc.
- Major: Replace undersized water mains as part of an overall upgrade process. Replace water meters that have exceeded their useful life.
- Moderate: Increase capacity to meet current needs. Spot repairs/recoating to restore moderate corrosion of water components.
- Minimal: New/Expansion project to meet a specific development proposal.
- No Impact: New/Expansion to meet future or projected needs.

#### OTHER

- Extremely Critical: There is a present health and/or safety threat.
- Critical: The project will provide immediate health and/or safety benefit.
- Major: The project will reduce a probable health and/or safety problem.

- Moderate:           The project will delay a health and/or safety problem.
- Minimal:            A possible future health and/or safety problem mitigation.
- No Impact:         No health and/or safety effect.

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

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

Extremely Critical \_\_\_\_, Critical \_\_\_\_, Major \_\_\_\_, Moderate \_\_\_\_, Minimal \_\_\_\_, No Impact \_\_\_\_. Explain your answer.

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

4. Identify the amount of local funds that will be used on the project as a percentage of the total project cost. ORC Reference 164.06(B)(6); ORC 164.06(B)(7); ORC 164.06(B)(3); ORC 164.14(E)(4)

A.) Amount of Local Funds = \$ 150,600.00

B.) Total Project Cost = \$ 301,200.00

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 \_\_\_\_% Gifts \_\_\_\_%, Contributions \_\_\_\_%

Other \_\_\_\_% (explain) \_\_\_\_\_, Total 0 %

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

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

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

(This will only be considered if you are not funded with grant money and there is remaining loan money.) Please note: if you answer "no" you will not be contacted, only if you answer "yes" will an offer be made in the event that there is loan money remaining.

7. If the proposed project is funded, will its completion directly result in the creation of permanent full-time equivalent (FTE) jobs (FTE jobs shall be defined as 36 hours/week) ? Yes \_\_\_ No   X  . If yes, how many jobs within eighteen months? \_\_\_ Will the completed project retain jobs that would otherwise be permanently lost? Yes \_\_\_ No   X  . If yes, how many jobs \_\_\_\_\_ will be created/retrained within 18 months following the completion of the improvements?

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

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

8. What is the total number of existing users that will directly benefit from the proposed project if completed?   4060   (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)

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?   105.57   %. 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)

11. Base Score Total for Questions 1-10=   99    
12. County Subcommittee Priority Points=             
(25-20-15 Points for each of the SCIP and LTIP Project Categories)

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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   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

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>

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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 36 project considered for Small Government Funding please download the Small Government Evaluation Criteria applicable to Round 36 by accessing the OPWC Website at

<https://www.pwc.ohio.gov/Portals/0/Data/SmallGovernment%20Round%2036%20Methodology.pdf?ver=2019-08-07-071749-143>. Please follow the Small Government Evaluation Criteria and

include supporting documentation to receive points. Specifically, include the Auditor's Certification of funds for your entity and documentation supporting the age of the infrastructure.

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Please complete the Small Government Evaluation Criteria and attach all required supporting documentation and attach it to the District 5 Questionnaire for Round 36.

Date: 9/9/2021

Signature:

*Robert G. Jones*

Title: City Administrator

Address: 6000 Wales Road, Northwood, Ohio 43619

Phone: 419-690-1629

FAX: 419-693-6705

Email: [cityadmin@ci.northwood.oh.us](mailto:cityadmin@ci.northwood.oh.us)



## TMACOG

### EA-0315 Weekly Volume Report - Mon 07/26/2021 - Sun 08/01/2021

Location ID:	EA-0315
Located On:	CURTICE RD
From Road:	SR 51
Direction:	2-WAY
Community:	NORTHWOOD
AADT:	

Type:	LINK
To Road:	LEMOYNE RD
Period:	Mon 07/26/2021 - Sun 08/01/2021

Start Time	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Avg
12:00 AM				150	181			166
1:00 AM				74	81			78
2:00 AM				62	72			67
3:00 AM				28	27			28
4:00 AM				15	14			15
5:00 AM				10	9			10
6:00 AM				7	6			7
7:00 AM				13	18			16
8:00 AM				45	32			39
9:00 AM				51	66			59
10:00 AM				110	124			117
11:00 AM				126	138			132
12:00 PM				129	169			149
1:00 PM			186	229				208
2:00 PM			253	262				258
3:00 PM			287	306				297
4:00 PM			288	305				297
5:00 PM			293	295				294
6:00 PM			325	335				330
7:00 PM			366	387				377
8:00 PM			379	341				360
9:00 PM			328	279				304
10:00 PM			289	235				262
11:00 PM			192	202				197
<b>Total</b>	<b>0</b>	<b>0</b>	<b>3186</b>	<b>3996</b>	<b>937</b>	<b>0</b>	<b>0</b>	
<b>24HrTotal</b>				4006	4113			4060
<b>AM Pk Hr</b>				12:00				
<b>AM Peak</b>				150				150
<b>PM Pk Hr</b>				7:00				
<b>PM Peak</b>				387				387
<b>% Peak Hr</b>				9.68%				10.00%
<b>% Peak Hr</b>				9.46%	9.41%			9.43%



Traffic Count Database System (TCDS)

List View

All DIRs

Record	<input type="button" value="⏪"/> <input type="button" value="⏴"/> <input type="text" value="1"/> <input type="button" value="⏵"/> <input type="button" value="⏩"/>	of 1	Goto Record	<input type="text" value="go"/>
Location ID	EA-0315	MPO ID		
Type	LINK	HPMS ID	629700	
On NHS	No	On HPMS	No	
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	Major Collector	Milepost		
Located On	CURTICE RD			
Loc On Alias				
From Road	SR 51			
To Road	LEMOYNE RD			
More Detail	▶			
STATION DATA				

Directions:

AADT

Year	AADT	DHV-30	K %	D %	PA	BC	Src
2009	2,700				87 (3%)	2,612 (97%)	
2005	3,669						
2004	3,350				3,242 (97%)	107 (3%)	
2001	5,098						

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
	Thu 7/29/2021	15	4,113
	Wed 7/28/2021	15	4,006
	Wed 6/10/2009	60	2,942
	Tue 6/9/2009	60	2,977
	Thu 7/15/2004	60	3,724
	Wed 7/14/2004	60	3,496

VOLUME TREND <input type="button" value="?"/>	
Year	Annual Growth
2009	-7%
2005	10%
2004	-13%

Record 1 of 1 Goto Record

Location ID	XX-0006	MPO ID	
Type	LINK	HPMS ID	629600
On NHS	No	On HPMS	No
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	Minor Arterial	Milepost	
Located On	WHEELING ST		
Loc On Alias			
From Road	WOOD COUNTY LINE		
To Road	SR 51		

More Detail

STATION DATA

Directions:

AADT

Year	AADT	DHV-30	K %	D %	PA	BC	Src
2013	7,400				6,323 (85%)	1,076 (15%)	

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	
Thu 5/16/2013	60	8,612	
Wed 5/15/2013	60	8,137	

VOLUME TREND

Year Annual Growth

SPEED					
Date	Int	Pace	85th	Total	
Thu 5/16/2013	60	20 - 30	26	8,612	
Wed 5/15/2013	60	20 - 30	27	8,137	

WEIGH-IN-MOTION				
Date	Axles	Avg GVW	Total	
No Data				

PER VEHICLE				
Date	Axles	85th	Total	
No Data				

PARTIAL COUNT

Date Int 24-Hr Total

NOTES/FILES			
Note	Date		