

Public Works Commission

Application for Financial Assistance

IMPC	RTANT: Please consult "Instructions for F	Financial Assistance for Capital In	frastructure Projects" for gu	uidance in completi	on of this form.
	Applicant: Jackson Township		Subdivisio	on Code: <u>113-37912</u>	2
Applicant	District Number: 4 County:	Montgomery	a si petagaran karan	Date: 08/29/202	2
Appl	Contact: Mindy Harry (The individual who will be available during l	business hours and who can best answer or c	oordinate the response to questions)	Phone: (937) 456-	-1332
	Email: melindaharry@kramer2000.com			FAX:	
	Project Name: South Clayton Road Repair &	Resurfacing Improvements	1	Zip Code:	45325
	Subdivision Type	Project Type		Request Summa	iry
ct	Township	(Select single largest component by \$) x 1. Road	(Automatically populates fr Total Project Cost:	rom page 2)	665,740 .00
Project	65.	2. Bridge/Culvert	1. Grant:	2 M 10 M 1	471,613 .00
4		3. Water Supply	2. Loan:		00. 0
		 Wastewater Solid Waste 	3. Loan Assista Credit Enha		00. 0
		6. Stormwater	Funding Requested:		471,613.00
D	istrict Recommendation	(To be completed by the District	Committee)		
(Se	Funding Type Requested	SCIP Loan - Rate:	_% Term: Yrs A	Amount:	.00
	State Capital Improvement Program	RLP Loan - Rate:	% Term: Yrs A	Amount:	.00
	Local Transportation Improvement Program	Grant:	ŀ	Amount:	.00
	Revolving Loan Program Small Government Program	LTIP:	F	Amount:	.00
	District SG Priority:	Loan Assistance / Credi	t Enhancement:	Amount:	.00
Fo	or OPWC Use Only		Alexandra and alexandra		
	STATUS	Grant Amount:	00 Loan Ty	pe: 🗌 SCIP	RLP
Proje	ect Number:	Loan Amount:	00 Date Co	onstruction End: _	
		Total Funding:	00 Date Ma	aturity:	
Rele	ase Date:	Local Participation:		%	
	/C Approval:	OPWC Participation:		Yrs	

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

1.1 Project Estimated Costs

Engineering Services Preliminary / Final Design:00 Construction Administration:00					
Total Engineering Services:	a.)	49,000	.00	<u> </u>	
Right of Way:		0			
Construction:	c.)	560,671	.00		
Permits, Advertising, Legal:	e.)	0	.00		
Construction Contingencies:	f.)	56,069	.00		
Total Estimated Costs:	g.)	665,740	.00		
1.2 Project Financial Resources					
Local Resources					
Local In-Kind or Force Account:	a.)	144,127	.00		
Local Revenues:	b.)	50,000	.00		
Other Public Revenues:					
Local / ODOT - Let:	d.)	0	.00		
ODOT PID:					
OEPA / OWDA:	e.) .	0	.00		
CDBG:	f.)		.00		
Other:	g.) .	0	.00		
Subtotal Local Resources:	i.) .	194,127	.00	<u>29.2</u> %	
OPWC Funds (Check all requested and enter Amount)					
Grant: % of OPWC Funds	j.)	471,613	.00		
Loan:0 % of OPWC Funds	k.) .	0	.00	yrs	
Loan Assistance / Credit Enhancement:	l .) .	0	.00		
Subtotal OPWC Funds:	m.)	471,613	.00	%	
Total Financial Resources:	n.)	665,740	.00	¹⁰⁰ %	

1.3 Availability of Local Funds

Attach a statement signed by the <u>Chief Financial Officer</u> listed in section 5.2 certifying <u>all local</u> <u>resources</u> 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 New / Expansion: ______0.00

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: _	08/01/2023	End Date: _	03/31/2024
3.2 Bid Advertisement and Award	Begin Date: _	04/01/2024	End Date:	04/30/2024
3.3 Construction	Begin Date: _	05/01/2024	End Date: _	12/31/2024

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.

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4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: <u>26</u> Years Age: <u>1950</u> (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 ______ Year ______

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

Residential Water Rate	Current \$	0	Number of households served:
Residential Wastewater Rate	Current \$	0	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.) 2000 character limit.

The project is located on South Clayton Road beginning at Manning Road north to Farmersville-West Carroliton Road, then continuing north to Hemple Road, approximately 1.86 miles, located in Section Thirteen (13), Township Four (04), Range Four (04) East, Jackson Township, Montgomery County, Ohio. The road provides for effective movement of traffic north and south both for daily commutes and farm to market traffic and certainly as a collector for school traffic for the Valley View School site just west of the south end of this road. Also, a great deal more school traffic is expected soon, as the school is moving forward with construction and consolidation of all grades to this one site, with South Clayton Road providing a direct route north to and from New Lebanon. The road was assessed with respect to safety and serviceability to the motoring public. These two sections of the road are significantly deficient, failing at approximately 247 sunken, open, transverse joints, almost all extending across the entire width of the pavement, many being only 40 to 50 feet apart. These sunken joints feel to the driver like "reverse speed bumps", initiating live loads which have typically broken down the pavement for a distance of 6" to 12" on either side of the joint, and have the potential to further rut the traffic lanes and propagate even more extensive pavement failure. The remedial improvements require complete excavation and full-depth repair completely across each of these 247 joints, then an overlay of two courses, a total of 3-inches, of asphalt concrete, in order to minimize the potential of reflection cracking of the new surface. The new pavement will be reinforced by an aggregate berm on each side to provide lateral support. Where existing culverts are interfering with proper run-off or standing water in the side swale, the culverts will be replaced in order to eliminate infiltration into the roadway subgrade. The improvements will extend the useful life of the existing pavement, enable seasonal maintenance by the Township crews, and assure for safe and efficient traffic under all weather conditions.

The project consists of removing and replacing defective roadway culverts, repair existing defective pavement and 247 sunken bad joints across full width of pavement, overlay existing 18 feet 0 inch pavement with 3 inch of new asphalt, add gravel to existing shoulders, stripe edge line and centerline, seed and mulch, on South Clayton Road beginning at Manning Road north to Hemple Road, approximately 1.88 miles.

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:	Ryan Hodson		
	Title:	Trustee President		
	Address:	49 East Walnut Street		
	City:	Farmersville	State: OH	Zip: <u>45325</u>
	Phone:	9376963010		
	FAX:	9376962674		
	E-Mail:	rhodson@jtwpmc.com		
5.2 Chief Financial Officer	(Can not a	lso serve as CEO)		
	Name:	Lisa Kozarec		
	Title:	Fiscal Officer		
	Address:	49 East Walnut Street		
	City:	Farmersville	State: OH	Zip: <u>45325</u>
	Phone:	937-696-3010		
	FAX:			
	E-Mail:	lkozarec@jtwpmc.com		
5.3 Project Manager				
	Name:	Doug Kramer		
	Title:			
	Address:	Ν/Α		
	City:	N/A	State: OH	Zip: <u>⁹⁹⁹⁹⁹ </u>
	Phone:	937-456-1332		
	FAX:			
	E-Mail:	dougkramer@kramer2000.com		

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

- X 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.
- X A certification signed by the applicant's chief financial officer stating the amount of <u>all local share</u> 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.
- X 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.

X Farmland Preservation Review - The Governor's Executive Order 98-IIV, "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.

X 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.

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

Original Signature / Date Signed



Resolution 2022-14

A Resolution authorizing Jackson Township 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, Jackson Township is planning to make capital improvements to South Clayton Road Repair and Resurfacing Improvements, 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 Jackson Township:

<u>Section 1</u>: The Jackson Township Board of Trustees, hereby approves filing an application and related forms for financial assistance with the Ohio Public Works Commission for the Jackson Township – South Clayton Road Repair and Resurfacing Improvements Project.

<u>Section 2</u>: The President, Ryan Hodson is hereby authorized and directed to execute and file an application and related forms with the Ohio Public Works Commission for funds as described above.

<u>Section 3</u>: The President, Ryan Hodson is further authorized to enter into any agreements and/or execute any other documents as may be necessary and appropriate for obtaining this financial assistance.

<u>Section 4</u>: The Jackson Township Board of Trustees, Ohio, does agree to obligate the funds required to satisfactorily complete the proposed project.

<u>Section 5</u>: The Jackson Township Board of Trustees, Ohio, hereby authorizes Kramer & Associates, LLC to assist Jackson Township in its application process and in the engineering of the project.

Section 6: This Resolution shall be effective from and after the earliest period allowed by law.

Passed: <u>2-0</u> PASSED THIS <u>23</u> DAY OF <u>August</u>, 2022.

Mr. Ryan Hodson, Trustee President

Mr. Moyer, Trustee

Absent

Mr. DeVilbiss, Trustee

Attested: Elizabeth Kozarec, Fiscal Officer

Resolution 2022-14 Page 2 of 2



JACKSON TOWNSHIP BOARD OF TRUSTEES

<u>Trustees:</u> Michael Moyer Ryan Hodson Randy DeVilbiss

Fiscal Officer: Elizabeth Kozarec

August 18, 2022

I, Elizabeth Kozarec, Chief Fiscal Officer of Jackson Township, hereby certify that Jackson Township has up to \$50,000.00 in local funds, which will be encumbered from the Jackson Township 2022/2023 annual budget and up to \$144,127.50 in in-kind labor for the repairs and resurfacing of the South Clayton Road Improvements project, should it be approved.

Sincerely,

lingliethe Kongree

Elizabeth Kozarec, Fiscal Office Jackson Township Trustees

49 East Walnut Street • Farmersville, Ohio 45325

Phone (937) 696-3010 • Fax (937) 696-2674

COST ESTIMATE OHIPO PUBLIC WORKS COMMISSION

South Clayton Road Repair and Resurfacing

Jackson Township Montgomery County, Ohio

Prepared By: Kramer & Associates, LLC August 9, 2022

Scope of Work:

Remove and replace defective roadway culverts as needed, repair existing defective pavement and 247 sunken bad joints across full width of pavement, overlay existing 18'-0" pavement with 3" of new asphalt and add gravel to existing shoulders.

Project Length:

1.88 miles, from Manning Road north to Farmersville-West Carrollton Road then comtiuing north to Hemple Road.

					UNIT	
ITEM	DESCRIPTION	QUANTITY	UNIT		PRICE	AMOUNT
	ITEMS FOR UNIT PRICE BID					
202	Mailbox removed & replaced		Each	\$	150.00	\$ -
203	Borrow (front slope fill)		CY	\$	40.00	\$ -
203	Excavation Not Including Embankment Construction		CY	\$	50.00	\$ -
203	Excavation Not Including Embankment Construction (Under Repairs)		CY	\$	50.00	\$ -
204	Subgrade Compaction (Widening)		SY	\$	3.00	\$ -
209	Linear grading		Mile	\$	7,000.00	\$ -
253	Pavement repair	311	CY	\$	300.00	\$ 93,300.00
301	Bituminous aggregate base for widening		CY	\$	165.00	\$ -
304	Compacted Aggregate Base, (Under Repairs)		CY	\$	55.00	\$ -
304	Compacted Aggregate Base, (Shoulders), 8" x 1'-0"		CY	\$	55.00	\$ -
407	Tack coat @ 0.075 gallon/SY	2,984	Gal	\$	3.00	\$ 8,952.00
	Compacted Aggregate Shoulder, Type "A", 4" x 1'-0"	246	CY	\$	75.00	\$ 18,450.00
441	Asphalt Concrete Intermediate Course, Type 2, (1/2" Scratch)	276	CY	\$	175.00	\$ 48,300.00
441	Asphalt Concrete Intermediate Course, Type 1, 1 1/4"	690	CY	\$	175.00	\$ 120,750.00
441	Asphalt Concrete Surface Course, Type 1, 1 1/4"	690	CY	\$	175.00	\$ 120,750.00
604	Monument Box		Each	\$	800.00	\$ -
614	Maintenance of traffic	1	Lump	\$	12,000.00	\$ 12,000.00
642	Edgeline, Type 1	3.76	Mile	\$	950.00	\$ 3,572.00
642	Centerline, Type 1	1.88	Mile	\$	1,900.00	\$ 3,572.00
659	Seeding & mulching		SY	\$	1.00	\$ -
			Subtotal			\$ 429,646.00
			Contingencie	es 1	0%	\$ 42,964.60
			Section Sub	tota	al	\$ 472,610.60

WORK TO BE PERFORMED BY TOWNSHIP

(Value of labor and material supplied by Township at normal contract prices)

202 Existing Roadway Culvert Removed 270 LF \$ 12.50 \$ 3,3 611 CMP Roadway Culvert, Type A 300 LF \$ 55.00 \$ 16,50 Subtotal \$ 131,00 Contingencies 10% \$ 13,10			Total			\$ 616,738.10
202 Existing Roadway Culvert Removed 270 LF \$ 12.50 \$ 3,33 611 CMP Roadway Culvert, Type A 300 LF \$ 55.00 \$ 16,50 Subtotal \$ 131,02			Section Su	btota		\$ 144,127.50
202 Existing Roadway Culvert Removed 270 LF \$ 12.50 \$ 3,33 611 CMP Roadway Culvert, Type A 300 LF \$ 55.00 \$ 16,50			Contingenci	es 10	%	\$ 13,102.50
202 Existing Roadway Culvert Removed 270 LF \$ 12.50 \$ 3,3			Subtotal			\$ 131,025.00
	611 CMP Roadway Culvert, Type A	300	LF	\$	55.00	\$ 16,500.00
253 Pavement repair, transverse joints: 18"wide x 6" thick x 18' long 247 Each \$ 450.00 \$ 111,15	202 Existing Roadway Culvert Removed	270	LF	\$	12.50	\$ 3,375.00
	253 Pavement repair, transverse joints: 18"wide x 6" thick x 18' long	247	Each	\$	450.00	\$ 111,150.00

COST ESTIMATE OHIPO PUBLIC WORKS COMMISSION

South Clayton Road Repair and Resurfacing

Jackson Township Montgomery County, Ohio

Prepared By: Kramer & Associates, LLC August 9, 2022

Scope of Work:

Remove and replace defective roadway culverts as needed, repair existing defective pavement and 247 sunken bad joints across full width of pavement, overlay existing 18'-0" pavement with 3" of new asphalt and add gravel to existing shoulders.

Project Length:

1.88 miles, from Manning Road north to Farmersville-West Carrollton Road then comtiuing north to Hemple Road.

SUBTOTAL (from page 1)	\$ 616,738.10
USE	\$616,740.00
Surveying & Engineering	\$ 32,000.00
Construction Engineering & Staking	\$ 10,500.00
Construction Inspection (partial, most byTownship)	\$ 6,500.00
TOTAL ESTIMATED COSTS	\$665,740.00
Less Value of Township Labor (including contingencies)	 \$144,127.50
PROJECT COST	\$521,612.50
Less Township Funds Contributed	 \$50,000.00
O.P.W.C FUNDS REQUESTED	\$471,612.50

DOES NOT INCLUDE: UTILITY RELOCATION, DAMAGES (Trees, lawns, etc.), R/W NEGOTIATIONS & SURVEYS, R/W PURCHASES. Note: No R/W purchases are anticipated as part of this project.

STATEMENT ON USEFUL LIFE OF IMPROVEMENTS

The above referenced **South Clayton Road Improvements** are expected to have a weighted useful life of 25.6 years. See Weighted Useful Life & Design Service Capacity Calculations Sheet

This will certify that the estimate is based upon the 2022/2023 estimated construction costs. We are aware that the Federal Prevailing (Davis-Bacon) Wage Rates may apply to this project. Therefore, this cost estimate reflects those rates.

Kramer & Associates, LLC OH & Richmond, IN M. ODAPP Peter M. Hodapp Ohio Registered Engineer No. 49143



OHIO OFFICE 101 N. Barron St. Eaton, OH 45320 (937) 456–1332 INDIANA OFFICE 2009 Chester Blvd. Richmond, IN 47374 (765) 935–2696

www.kramer2000.com 1 (800) 458-1332 Fax: (937) 456-6912

August 9, 2022

- Attn: Montgomery County District 4 Integrating Committee O.P.W.C. Application, District 4, 2022-2023 Montgomery County Engineer's Office 451 West 3rd Street, P.O. Box 972 Dayton, Ohio 45422-1260
- Re: Cost Estimate & Useful Life Certification O.P.W.C. Application, District 4, 2022-2023 South Clayton Road Repair & Resurfacing Improvements Project Jackson Township, 13-04-04-2021-024

Dear Committee:

Please find attached our cost estimate for the subject OPWC Project:

South Clayton Road Repair & Resurfacing Improvements Proposed project located in the Jackson Township, Montgomery County, Ohio.

This letter certifies that the above referenced OPWC project is expected to have a useful life of:

WEIGHTED USEFUL LIFE: 26 Years

We further certify that the estimate is based upon 2022/2023 estimated construction costs. We are aware that the State of Ohio Prevailing Wage Rates apply to this project. The estimate, therefore, reflects those rates.

PETER M. HODAPP

Prepared by: Kramer & Associates LLC Eaton, OH & Richmond, IN

Peter M. Hodapp, P.E. Ohio Registered Engineer No. 49143 Kramer & Associates, LLC

Weighted Useful Life & Design Service Capacity Calculations

South Clayton Road Repair and Resurfacing

Jackson Township Montgomery County, Ohio

Prepared By: Kramer & Associates, LLC August 9, 2022

Scope of Work:

Remove and replace defective roadway culverts as needed, repair existing defective pavement and 247 sunken bad joints across full width of pavement, overlay existing 18'-0" pavement with 3" of new asphalt and add gravel to existing shoulders.

Project Length:

1.88 miles, from Manning Road north to Farmersville-West Carrollton Road then continuing north to Hemple Road.

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Earthwork	0	100	0	50	0
Asphalt	503.2	100	50320	25	12580
Storm	19.88	100	1988	40	795.2
	0	0	0	0	0
Totals	523.08		52308		13375.2
Weighted Useful Life:	26	Years			

Design Service Capacity (Project Application, Section 2.0): Portion Repair / Replace Portion New / Expansion

100 %

0 %

Kramer & Associates, LLC Eaton, OH & Richmond, IN



Prepared by:

Peter M. Hodapp Ohio Registered Engineer

No. 49143

06c.21-024_South Clayton Rd_WUL Spreadsheet.xls, 8/29/2022, 9:06 AM

OHIO PUBLIC WORKS COMMISSION DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant:

Project Title:

Application Summary:

Briefly describe the project:

Priority:

Is this application your priority project? (Circle One)		
Yes	No	

Generation of Revenue:

Will new user fees or assessments be assessed as part of this project? (Circle One)				
Yes	No			
What will the new user fees or assessments be used for?				

Additional Funding:

Will OPWC match, in part, a committed grant or loan? (Circle One)				
Yes No				
If no, was the project submitted to an appropriate agency for funding, but denied due to lack of funding? (Circle One)				
Yes – Appropriate Documentation Attached	No			

Readiness of Project:

Will this project be substantially underway on or before June 1, 2024? (Circle One)		
Yes	No	

Health & Safety:

Describe the specific health or safety issue being addressed by this project. What deficiency or condition is causing the health or safety issue?

Addresses District Infrastructure Needs:

Is this project located in more than one community? (Circle One)				
Yes	Yes No			
What percentage of the community will be served by this project? (Circle One)				
Less than 25%	25% to 40%	More than 40%		

Economic Development

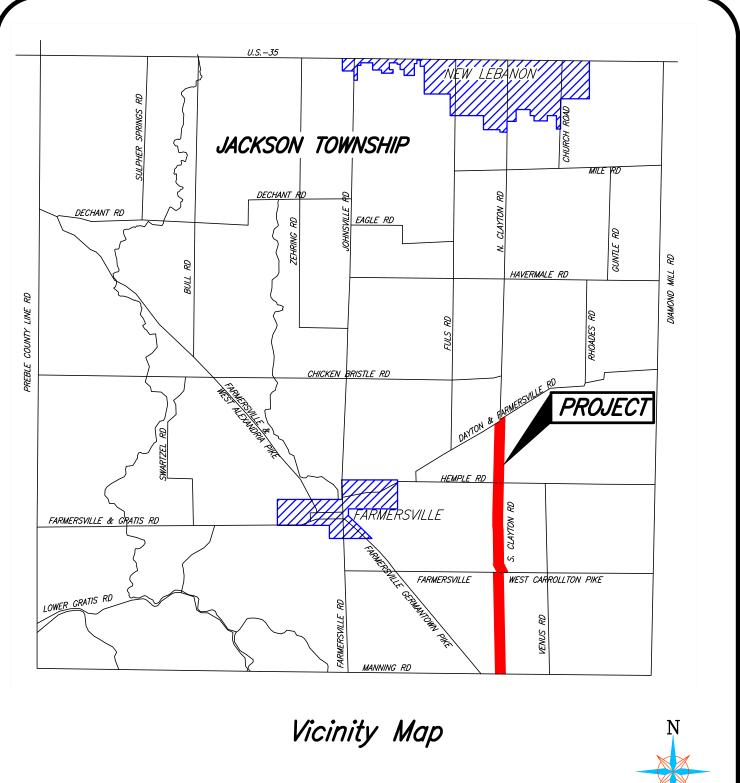
How many jobs are being created as a result of this project?					
How many jobs will be retained as a result of this project?					
Why is it necessary to fund this improvement to secure this development?					
What type of industry is proposed in this development?					

Relieve Existing Traffic Congestion:

What is the level of service?	
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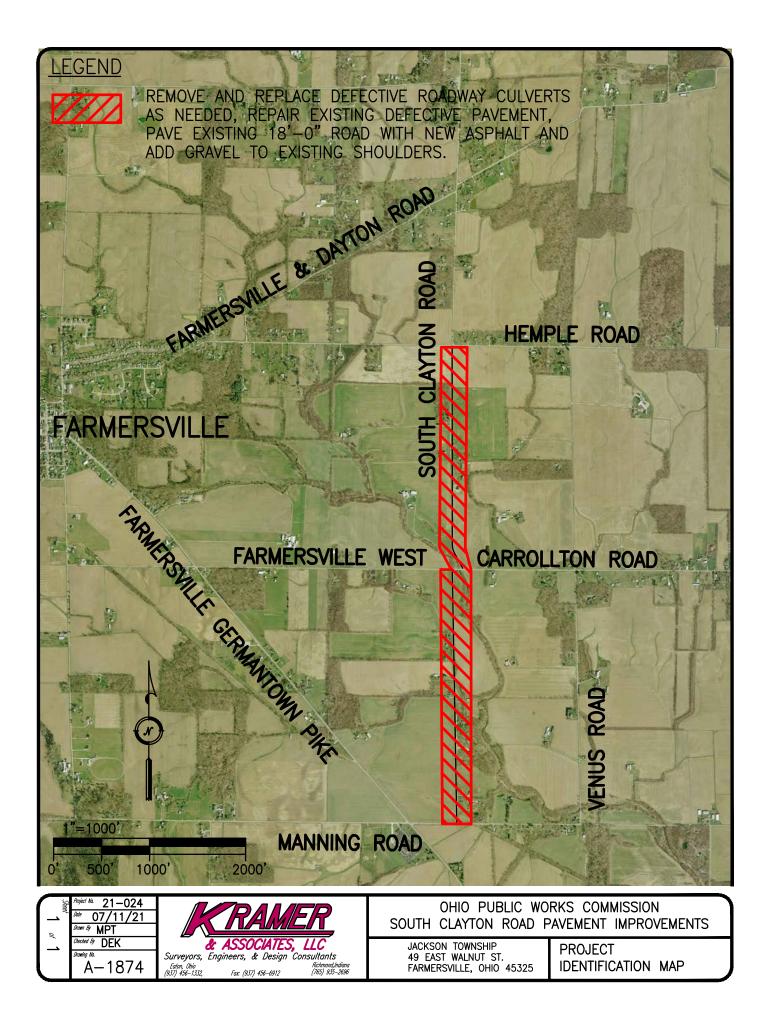
Other Factors

What other factors exist that make this project more important than other like projects?



JACKSON TOWNSHIP MONTGOMERY COUNTY

O.P.W.C. S. CLAYTON STREET IMPROVEMENTS PHASE 1



















Trustees

Michael E. Moyer Randall A. DeVilbiss Ryan L. Hodson Fiscal Officer Lisa Kozarec Jackson Township 49 E. Walnut Street Farmersville OH 45325



TOWNSHIP CERTIFICATION FOR AGE OF INFRASTRUCTURE IMPROVEMENTS

Please accept this letter as certification that no major improvements have taken place on South Clayton Road since my term as <u>a Jackson Township Trustee</u> began on January 1, 2016. I further certify that to my knowledge, no road widening, major repairs or improvements have been made to South Clayton Road since 1996.

For routine maintenance, South Clayton Road was last chip and sealed sometime prior to the paving that took place in 1996.

Michael Moyer, Presiden

Jackson Township Board of Trustees

Dated: 08-17-21

Montgomery County Engineer's Office Traffic Department

Site: 20 76 8/24/2020 Monday

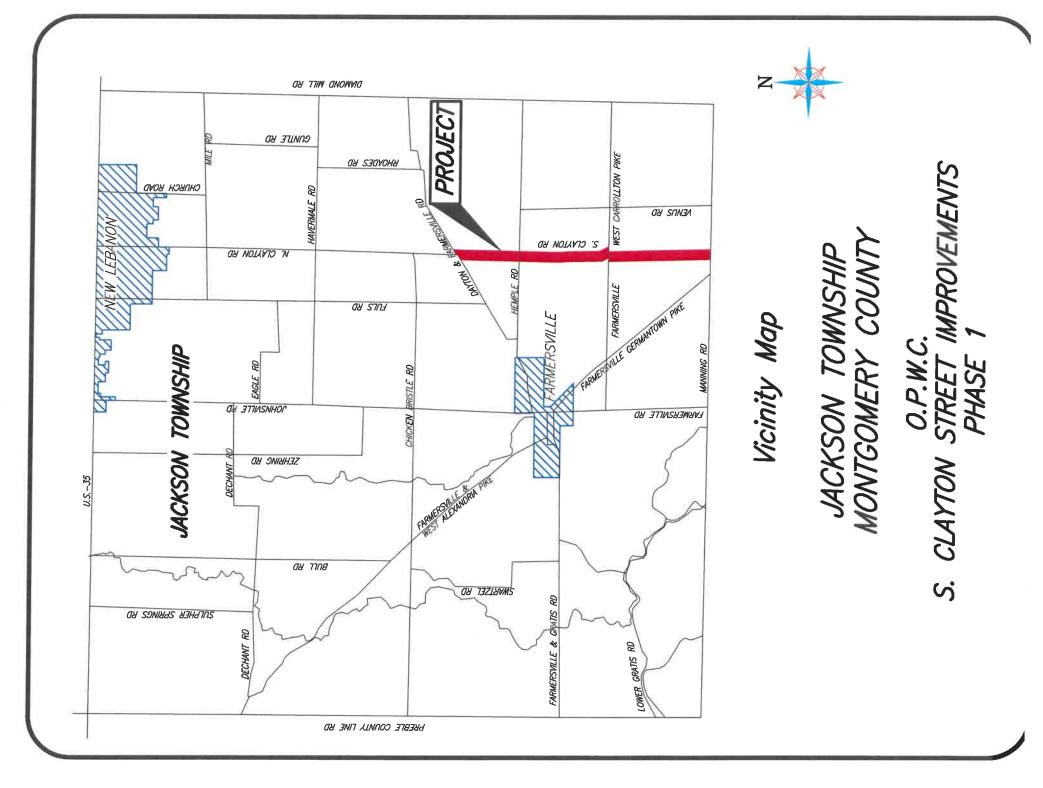
: Clayton Road Location

: 525' S of Farmersville West Carrollton Road Cross Street : KRL

By

24 Hour Volume, per Channel (Volume factor 0.500)

			NB/SB			
Interval Start			Interval Start			
7:00 AM	13	36	7:00 PM	0	7	
7:15 AM	3		7:15 PM	2		24 Hour Total
7:30 AM	7		7:30 PM	2		457
7:45 AM	13		7:45 PM	3		457
8:00 AM	8	34	8:00 PM	0	1	12:00 AM - 12:00 PM
8:15 AM	6		8:15 PM	0		
8:30 AM	10		8:30 PM	1		12 Hour Count 229
8:45 AM	10		8:45 PM	0		Peak Hour 11:00 AM
9:00 AM	9	40	9:00 PM	3	8	
9:15 AM	6		9:15 PM	2		Peak Volume 42
9:30 AM	8		9:30 PM	0		Factor 0.88
9:45 AM	17	10	9:45 PM	3	2	140001 0.00
10:00 AM	2 5	19	10:00 PM 10:15 PM	0	3	
10:15 AM	э 4		10:15 PM 10:30 PM	0 2		<u> 12:00 PM - 12:00 AM</u>
10:30 AM 10:45 AM	4 8		10:30 PM 10:45 PM	2		
10:45 AM 11:00 AM	9	42	11:00 PM	0	2	12 Hour Count 228
11:15 AM	10	42	11:00 PM 11:15 PM	2	2	Peak Hour 1:45 PM
11:30 AM	10		11:30 PM	0		
11:45 AM	12		11:45 PM	0		Peak Volume 67
12:00 PM	6	24	8/25/2020 12:00 AM	0	0	Factor 0.70
12:15 PM	6	21	12:15 AM	õ	Ŭ	
12:30 PM	4		12:30 AM	õ		
12:45 PM	8		12:45 AM	0		
1:00 PM	6	43	1:00 AM	1	1	NIE OF MU
1:15 PM	4		1:15 AM	0		NYE OF AV
1:30 PM	9		1:30 AM	0		NA HIGH
1:45 PM	24		1:45 AM	0		SG/ NO'
2:00 PM	24	60	2:00 AM	0	7	GARY SHOUP 65104
2:15 PM	3		2:15 AM	4		SAR GARRY
2:30 PM	16		2:30 AM	1		≥ SHOUP \ =
2:45 PM	17		2:45 AM	2		=65104 /~~=
3:00 PM	7	34	3:00 AM	0	4	=0 00104 /2=
3:15 PM	7		3:15 AM	3		:21 (2):
3:30 PM	14		3:30 AM	0		-0.0.
3:45 PM	6		3:45 AM	1		GISTERE
4:00 PM	6	14	4:00 AM	2	8	in the state of th
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OHIO OFFICE 101 N. Barron St. Eaton, OH 45320 (937) 456-1332 INDIANA OFFICE 2009 Chester Blvd. Richmond, IN 47374 (765) 935–2696

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FARMLAND PRESERVATION REVIEW LETTER

South Clayton Road Repair & Resurfacing Improvements Project

Jackson Township, Montgomery County, Ohio August 9, 2022

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 Kramer & Associates, LLC.

The proposed project is located on South Clayton Road from Manning Road north to Farmersville-West Carrollton Road and continuing north to Hemple road for approximately 1.88 miles, located in Section Thirteen (13), Township Four (04), Range Four (04) East, Jackson Township, Montgomery County, Ohio.

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

The proposed project will not have immediate impact on productive agricultural and grazing land related to land acquisition.

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

There will be no indirect impact that results in loss of productive agricultural and grazing land from development related to this project.

NAPP

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

Not applicable.

The proposed improvements will be within the existing right-of-way and will have no potential impact to farmland.

Sincerely,

Peter M. Hodapp, P.E. Kramer & Associates, LLC



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August 9, 2022

Jackson Township Trustees Attn: Mr. Doug Pohl, Road Superintendent and Board of Trustees 49 East Walnut Street Farmersville, Ohio 45325

Re: South Clayton Road Improvements & Resurfacing Project

INFRASTRUCTURE CONDITION ASSESSMENT for OPWC Funding Application

Dear Mr. Pohl and Trustees:

Kramer & Associates has evaluated South Clayton Road within Jackson Township, Montgomery County, Ohio. The road provides for effective movement of traffic north and south both for daily commutes and farm to market traffic and certainly as a collector for school traffic for the Valley View School site just west of the south end of this road. Also, a great deal more school traffic is expected soon, as the school is moving forward with construction and consolidation of all grades to this one site, with South Clayton Road providing a direct route north to and from New Lebanon. The road was assessed with respect to safety and serviceability to the motoring public.

These two sections of the road are significantly deficient, failing at approximately 247 sunken, open, transverse joints, almost all extending across the entire width of the pavement, many being only 40 to 50 feet apart. These sunken joints feel to the driver like "reverse speed bumps", initiating live loads which have typically broken down the pavement for a distance of 6" to 12" on either side of the joint, and have the potential to further rut the traffic lanes and propagate even more extensive pavement failure. The remedial improvements require complete excavation and full-depth repair completely across each of these 247 joints, then an overlay of two courses, a total of 3-inches, of asphaltic concrete, in order to minimize the potential of reflection cracking of the new surface. The new pavement will be reinforced by an aggregate berm on each side to provide lateral support. Where existing culverts are interfering with proper run-off or standing water in the side swale, the culverts will be replaced in order to eliminate infiltration into the roadway subgrade. The improvements will extend the useful life of the existing pavement, enable seasonal maintenance by the Township crews, and assure for safe and efficient traffic under all weather conditions.

Sincerely,

Peter M. Hodapp, P.E. Kramer & Associates, LLC

