

OPWC DISTRICT 4 INTEGRATING COMMITTEE
FY25 APPLICATION SUMMARY

07

SUBDIVISION: Engineer CONTACT PERSON: Henry Brierton
PROJECT NAME: Wilmington Pike Bridge Rehabilitation, KET-85-1.59

CRITERIA		RESPONSE	
	Project Type	Bridge	
	General Project Summary	Replace superstructure of existing bridge. Existing box beams and asphalt overlay will be removed and replaced with new box beams and composite concrete deck. Minor repairs and modifications to existing abutments will be made to accommodate the new superstructure and extend the overall life of the bridge.	
1.	Priority Project?	No	
2.	Total Project Cost	\$1,084,000	
	Funding Requested SCIP	\$500,000 (\$125,000 Grant / \$375,000 Loan)	
	Funding Requested LTIP	\$400,000	
	New/ Expansion	\$0	
3.	Type of Request	25% Grant / 75% Loan	
4.	Local Match SCIP	\$959,000	88%
	Local Match LTIP	\$684,000	63%
5.	Economic Health	4	
6.	Infrastructure Age	55 years	
7.	Generation of Revenue	None	
8.	Additional Funding	None	
9.	Readiness of Project	Ready to Proceed	
10.	Health & Safety - Category	Bridge	
	Response	General appraisal of 5	
11.	Addresses District Needs	System Users	Avg. Daily Traffic 16,056
		Acres Drained	Project in Multiple Communities?
		Percent of Community Served? Less than 25%	
12.	Economic development	None	
	# jobs being created		
	# jobs retained		
13.	Relieves Traffic Congestion Responds to Growth	n/a	<i>LTIP only Criteria</i>
14.	Weighted Useful Life	38 years	
15.	Engineering as % of Construction	10%	
16.	Other Factors		
COMMENTS			

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

SCIP Financials

1.1 Project Estimated Costs

Engineering Services

Preliminary / Final Design: _____ .00
Construction Administration: _____ .00
Total Engineering Services: a.) _____ .00 _____ %
Right of Way: b.) _____ .00
Construction: c.) _____ .00
Permits, Advertising, Legal: e.) _____ .00
Construction Contingencies: f.) _____ .00
Total Estimated Costs: g.) _____ .00

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account: a.) _____ .00
Local Revenues: b.) _____ .00
Other Public Revenues:
Local / ODOT - Let: _____ d.) _____ .00
ODOT PID: _____
OEPA / OWDA: e.) _____ .00
CDBG: f.) _____ .00
Other: _____ g.) _____ .00
Subtotal Local Resources: i.) _____ .00 _____ %

OPWC Funds (Check all requested and enter Amount)

Grant: _____ % of OPWC Funds j.) _____ .00
Loan: _____ % of OPWC Funds k.) _____ .00 _____ yrs
Loan Assistance / Credit Enhancement: l.) _____ .00
Subtotal OPWC Funds: m.) _____ .00 _____ %
Total Financial Resources: n.) _____ .00 _____ %

OPWC Project Financial Information

Subdivision: Montgomery County

LTIP Financials

Project Name: Wilmington Pike Bridge Rehabilitation, KET-85-1.59

Project Estimated Costs

(All Costs Rounded to Nearest Dollar)

Engineering Services

Estimated Engineering:	<u>87,000</u>	.00		
Construction Administration:	<u> </u>	.00		
Total Engineering Services:			<u>87,000</u>	.00 <u>10.0</u> %
Right of Way:			<u>30,000</u>	.00
Construction:			<u>870,000</u>	.00
Permits, Advertising, Legal:			<u>10,000</u>	.00
Construction Contingencies:			<u>87,000</u>	.00 <u>10.0</u> %
Total Estimated Costs:			<u>1,084,000</u>	.00

Project Financial Resources

Local Resources

Local In-Kind or Force Account:	<u> </u>	.00		
Local Revenues:			<u>684,000</u>	.00
Other Public Revenues:				
ODOT / FHWA PID:	<u> </u>	.00		
OEPA / OWDA:	<u> </u>	.00		
Other:	<u> </u>	.00		
Subtotal Local Resources:			<u>684,000</u>	.00 <u>63.1</u> %

OPWC Funds

Grant: <u>100</u> % of OPWC Funds	<u>400,000</u>	.00		
Loan: <u>0</u> % of OPWC Funds	<u> </u>	.00		
Loan Assistance / Credit Enhancement:	<u>0</u>	.00		
Subtotal OPWC Funds:			<u>400,000</u>	.00 <u>36.9</u> %
Total Financial Resources:			<u>1,084,000</u>	.00 <u>100.0</u> %

OHIO PUBLIC WORKS COMMISSION

DISTRICT 4

FY25 Supplemental Questionnaire

Applicant: Montgomery County Engineer

Project Title: Wilmington Pike Bridge Rehabilitation, KET-85-1.59

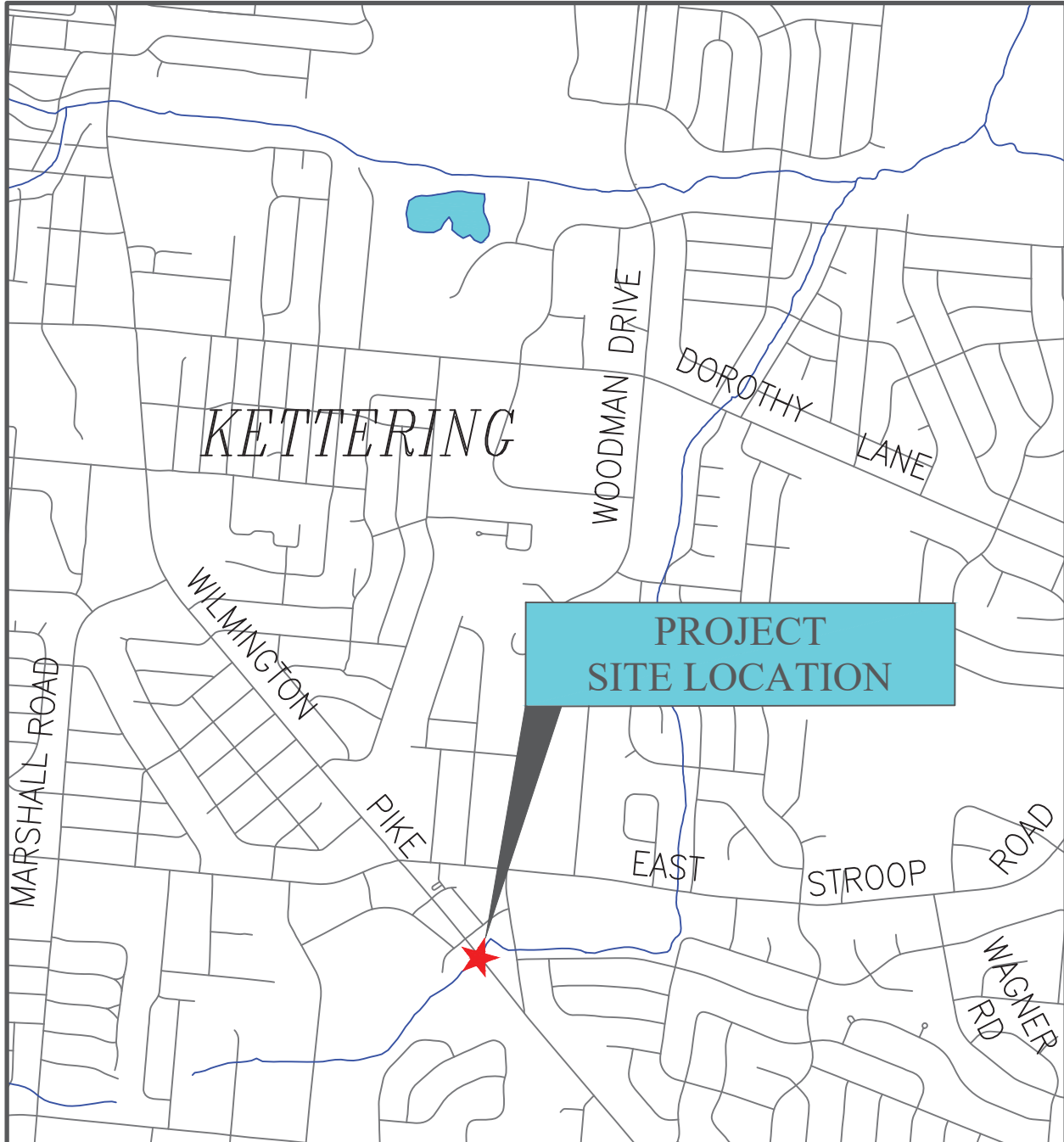
Application Summary:

Briefly describe the project:

The Wilmington Pike Bridge is located in Kettering, Ohio, 500 feet north of the intersection Woodman Drive. The bridge carries five lanes of northwest/southeast traffic on Wilmington Pike, which spans 20 feet over Little Beaver Creek. The most recent bridge inspection in May 2022 reported a General Appraisal of 5 – Fair, due to the condition of the existing reinforced concrete slab.

The intent of the project is to rehabilitate the existing Wilmington Pike Bridge over Little Beaver Creek in Kettering, OH. The rehabilitation of the bridge will consist of superstructure replacement with modifications to the existing abutments. All feasible superstructure options including a concrete slab and composite prestressed concrete box beams, adjacent or spread, shall be considered for the replacement superstructure. Any superstructure selection resulting in a smaller hydraulic opening must be accompanied by hydraulic analysis confirming there is no increase in the base floodplain elevation. The proposed improvements will maintain the same vehicular capacity (five 11' lanes) with curb and sidewalks on both sides. Existing horizontal and vertical alignments shall be maintained. New approach slabs and approach roadway transition shall be provided as part of the project.

WILMINGTON PIKE BRIDGE
#KET-M0085-1.59
REHABILITATION PROJECT, JOB 2023-10
CITY OF KETTERING, MONTGOMERY COUNTY



AREA LOCATION MAP

