

OPWC DISTRICT 4 INTEGRATING COMMITTEE
2022/2023 APPLICATION SUMMARY

24

SUBDIVISION: Dayton CONTACT PERSON: Nick Dailey
PROJECT NAME: Innereast Area Water Main Improvements

CRITERIA		RESPONSE			
	Project Type	Water			
	General Project Summary	Replace existing water mains with 8" and 12" ductile water main. Install water main along Josie St. to eliminate several dead-end water mains by looping the system in this area.			
1.	Priority Project?	No			
2.	Total Project Cost	\$1,870,000			
	Funding Requested SCIP	\$200,000			
	Funding Requested LTIP	n/a			
	New/ Expansion	\$0			
3.	Type of Request	Grant			
4.	Local Match SCIP	\$1,670,000	89%		
	Local Match LTIP	n/a			
5.	Economic Health	5			
6.	Infrastructure Age	122 years			
7.	Generation of Revenue	None			
8.	Additional Funding	None			
9.	Readiness of Project	Ready to Proceed			
10.	Health & Safety - Category	Water line			
	Response	Infrastructure is functioning at a diminished capacity and structural integrity due to the age of the existing water main.			
11.	Addresses District Needs	System Users	170	Avg. Daily Traffic	
		Acres Drained		Project in Multiple Communities?	No
		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	40 years			
15.	Engineering as % of Construction	0%			
16.	Other Factors	See attached			
COMMENTS					

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

1.1 Project Estimated Costs

Engineering Services

Preliminary / Final Design:	_____ ⁰	.00	
Construction Administration:	_____ ⁰	.00	
Total Engineering Services:	a.) _____ ⁰	.00	_____ ⁰ %
Right of Way:	b.) _____ ⁰	.00	
Construction:	c.) _____ ^{1,700,000}	.00	
Permits, Advertising, Legal:	e.) _____ ⁰	.00	
Construction Contingencies:	f.) _____ ^{170,000}	.00	
Total Estimated Costs:	g.) _____ ^{1,870,000}	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) _____ ⁰	.00	
Local Revenues:	b.) _____ ^{1,670,000}	.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.) _____ ^{1,670,000}	.00	_____ ^{89.3} %

OPWC Funds (Check all requested and enter Amount)

Grant: _____ ¹⁰⁰ % of OPWC Funds	j.) _____ ^{200,000}	.00	
Loan: _____ ⁰ % of OPWC Funds	k.) _____ ⁰	.00	_____ yrs
Loan Assistance / Credit Enhancement:	l.) _____ ⁰	.00	
Subtotal OPWC Funds:	m.) _____ ^{200,000}	.00	_____ ^{10.7} %
Total Financial Resources:	n.) _____ ^{1,870,000}	.00	_____ ¹⁰⁰ %

OHIO PUBLIC WORKS COMMISSION DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: City of Dayton

Project Title: Innereast Water Main Improvements

Application Summary:

Briefly describe the project:

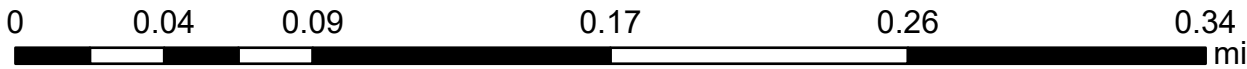
The existing water main includes 2680 L.F of 6" on Milton Street, Sherman Street, and Yates Street that will be abandoned. The proposed project will upgrade the water main to current Water Engineering Standards with 2680 L.F. of new 8" ductile iron class 51 pipe. Also, an 840 L.F. of 10" water main on St Jude St. will be abandoned, and 840 L.F. of new 12" DI class 51 pipe will be installed. Another 920 L.F. of 8" water main will be added on Josie St to provide redundancy. By installing water main along Josie St. we will eliminate several dead-end water mains by looping the system in this area. This will improve reliability by feeding water from two directions, reduce head loss, increase energy efficiency, ensure greater fire protection, and reduce the potential for water quality problems.

Other Factors

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

The installation date for the water mains on this project was in 1887. Sizes range between 6 and 10 inches. It is important to get these pipes replaced due to their extreme age. Potential water main breaks would also affect additional infrastructure such as roadways, sidewalks, and private property. A new water main shall be added on Josie St. to provide redundancy and to avoid stagnant water. By installing water main along Josie St. we will eliminate several dead-end water mains by looping the system in this area. This will improve reliability by feeding water from two directions, reduce head loss, increase energy efficiency, ensure greater fire protection, and reduce the potential for water quality problems.

Figure 1 - Innereast Area Water Main Improvements



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Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.