

OPWC DISTRICT 4 INTEGRATING COMMITTEE
2022/2023 APPLICATION SUMMARY

16

SUBDIVISION: Environmental CONTACT PERSON: John Hopwood
PROJECT NAME: Mantz Water Main Replacement

CRITERIA		RESPONSE			
	Project Type	Water Supply			
	General Project Summary	Replacement of existing 6" water main with 8" ductile iron water main and all appurtenances. The project will also remove old fire hydrants and replace them with new hydrants with closer spacing.			
1.	Priority Project?	No			
2.	Total Project Cost	\$1,158,350			
	Funding Requested SCIP	\$650,000 (\$289,000 Grant / \$361,000 Loan)			
	Funding Requested LTIP	n/a			
	New/ Expansion	\$0			
3.	Type of Request	45% Grant / 55% Loan			
4.	Local Match SCIP	\$869,350	75%		
	Local Match LTIP	n/a			
5.	Economic Health	4			
6.	Infrastructure Age	66 years			
7.	Generation of Revenue	None			
8.	Additional Funding	OWDA loan			
9.	Readiness of Project	Ready to Proceed			
10.	Health & Safety - Category	Water line			
	Response	10 water main breaks per 1,000 LF.			
11.	Addresses District Needs	System Users	30	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	38 years			
15.	Engineering as % of Construction	7%			
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:	<u>68,000</u>	.00	
Construction Administration:	<u>0</u>	.00	
Total Engineering Services:	a.) <u>68,000</u>	.00	<u>6.8</u> %
Right of Way:	b.) <u>0</u>	.00	
Construction:	c.) <u>1,006,514</u>	.00	
Permits, Advertising, Legal:	e.) <u>0</u>	.00	
Construction Contingencies:	f.) <u>83,836</u>	.00	
Total Estimated Costs:	g.) <u>1,158,350</u>	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) <u>0</u>	.00	
Local Revenues:	b.) <u>30,578</u>	.00	
Other Public Revenues:			
Local / ODOT - Let:	d.) <u>0</u>	.00	
ODOT PID:			
OEPA / OWDA:	e.) <u>430,000</u>	.00	
CDBG:	f.) <u></u>	.00	
Other: <u>City of Trotwood</u>	g.) <u>47,772</u>	.00	
Subtotal Local Resources:	i.) <u>508,350</u>	.00	<u>43.9</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>44.5</u> % of OPWC Funds	j.) <u>289,000</u>	.00	
Loan: <u>55.5</u> % of OPWC Funds	k.) <u>361,000</u>	.00	<u>20</u> yrs
Loan Assistance / Credit Enhancement:	l.) <u>0</u>	.00	
Subtotal OPWC Funds:	m.) <u>650,000</u>	.00	<u>56.1</u> %
Total Financial Resources:	n.) <u>1,158,350</u>	.00	<u>100</u> %

OHIO PUBLIC WORKS COMMISSION
DISTRICT 4
Round 2022-2023 Supplemental Questionnaire

Applicant: Montgomery County Environmental Services

Project Title: Mantz Water Main Replacement

Application Summary:

Briefly describe the project:

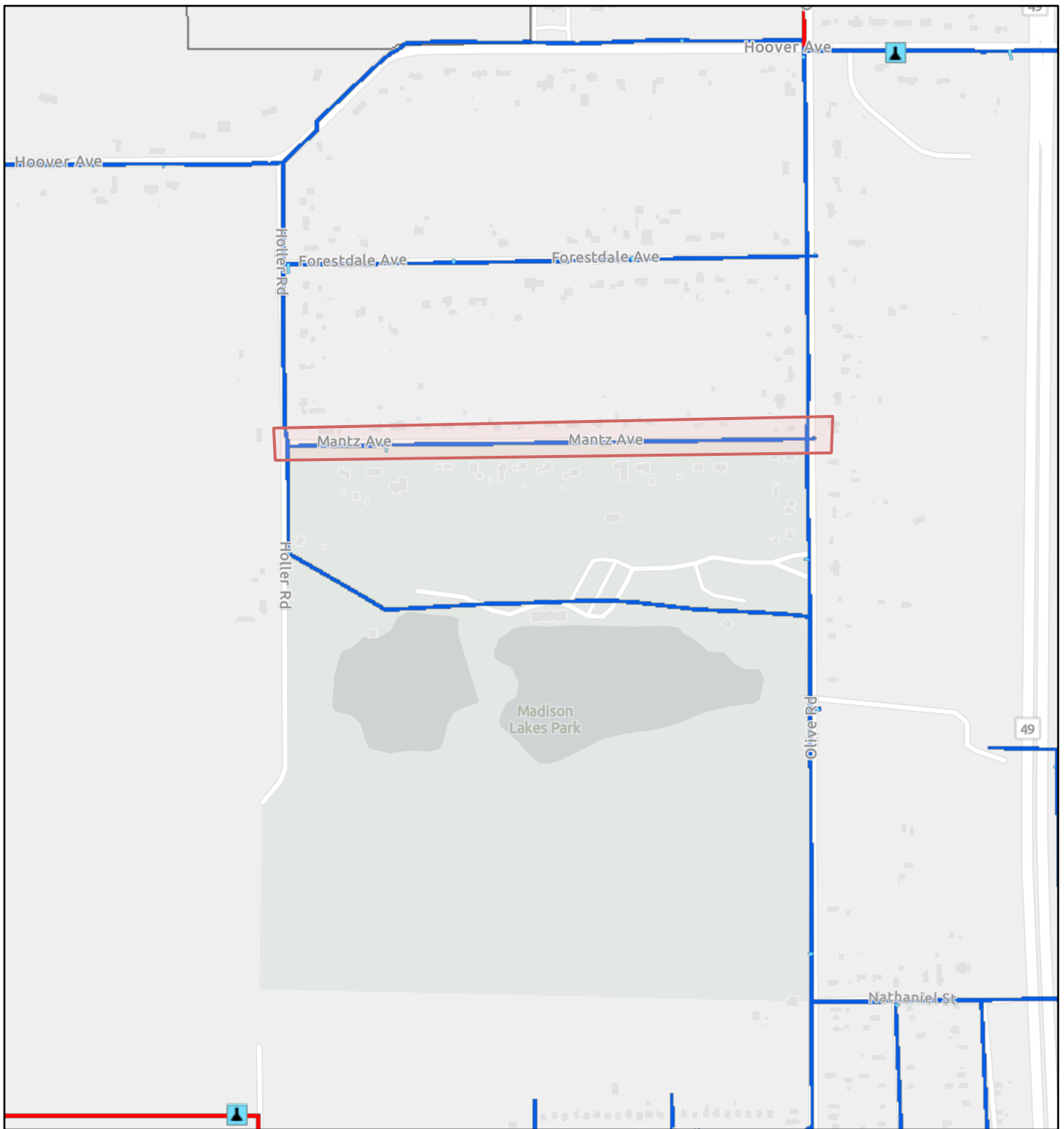
This project will replace 6" cast iron water main on Mantz Ave in Trotwood with 8" ductile iron water main with all appurtenances. The project will also remove old fire hydrants and replace them with new hydrants with closer spacing. The project seeks to replace the water main which has excessive breaks and has exceeded it's useful life. The pipes being replaced have broken at a rate of 9.84/1000'.

Other Factors

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

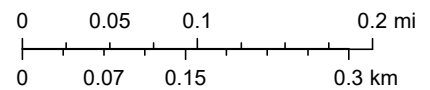
This project falls under the OEPA mandate to identify and catalogue all lead services by 2024 and remove them by 2026. Exact guidance has not been given about the removal.

Vicinity Map



7/21/2022, 10:05:47 AM

1:9,028



- Water Main
 - Not MCES
 - HydrantLine,
 - Blowoff, DistributionMain, Interconnect
 - - - FireLine
 - - - MCES Out of Service
- Critical Water Main —
- Water Network Structure
 - Elevated Storage Tank
 - Production Well
 - Pump Station

Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community