

OPWC DISTRICT 4 INTEGRATING COMMITTEE
2022/2023 APPLICATION SUMMARY

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SUBDIVISION: Dayton CONTACT PERSON: Nick Dailey
PROJECT NAME: Twin Tower Water Main Improvements

CRITERIA		RESPONSE	
	Project Type	Water	
	General Project Summary	Existing 4" and 6" water mains will be replaced with 8" water mains. New valves and fire hydrants will also be installed.	
1.	Priority Project?	No	
2.	Total Project Cost	\$2,520,000	
	Funding Requested SCIP	\$200,000	
	Funding Requested LTIP	n/a	
	New/ Expansion	\$0	
3.	Type of Request	Grant	
4.	Local Match SCIP	\$2,320,000	92%
	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	The infrastructure is functioning at a diminished capacity and structural integrity due to the age of the existing water main (more than 120 years of age). Cast iron water mains exceeding 100 years of service have proven to have a high failure rate.	
11.	Addresses District Needs	System Users	165
		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.) _____	2,290,000 .00	
Permits, Advertising, Legal:		e.) _____	⁰ .00	
Construction Contingencies:		f.) _____	230,000 .00	
Total Estimated Costs:		g.) _____	2,520,000 .00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:		a.) _____	⁰ .00	
Local Revenues:		b.) _____	2,320,000 .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.) _____	2,320,000 .00	_____ 92.1 %

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	_____ 7.9 %
Total Financial Resources:		n.) _____	2,520,000 .00	_____ 100 %

OHIO PUBLIC WORKS COMMISSION

DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: City of Dayton

Project Title: Twin Towers Water Main Improvements

Application Summary:

Briefly describe the project:

The Twin Towers neighborhood has undersized, aging water mains. On George Street, Treadway Drive, Angel Court and parts of Corwin Street, Hawker Street, Clover Street and Filmore Street, the existing 4 inch and 6 inch water mains will be replaced with new 8 inch water mains. New valves and fire hydrants will also be installed.

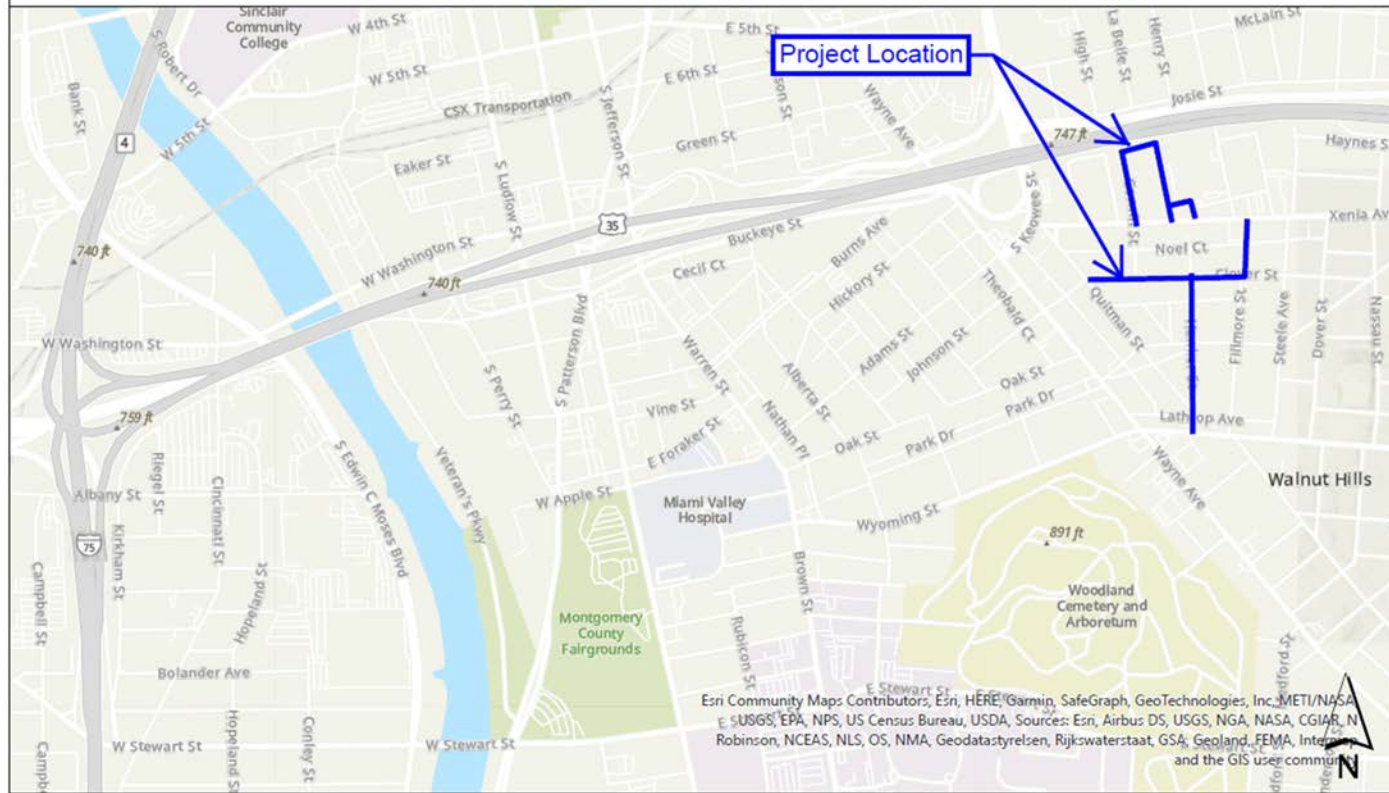
Other Factors

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

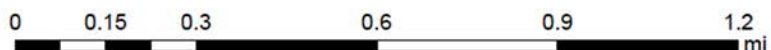
The installation dates for the water mains on this project range between 1869 and 1899. Sizes range between 4 and 6 inches. It is important to get these pipes replaced due to their extreme age and their small size. Potential water main breaks would also affect additional infrastructure such as roadways, sidewalks, and private property.

The City of Dayton Public Works department will be paving these streets in 2025. The water main replacements need to be completed by 2025 before new pavement is placed.

Twin Towers Water Main Location Map



Esri Community Maps Contributors, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community



Date Created: 7/12/2022
Created By: watrgis



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.

Figure 1- Twin Towers Water Main Improvements Location Map

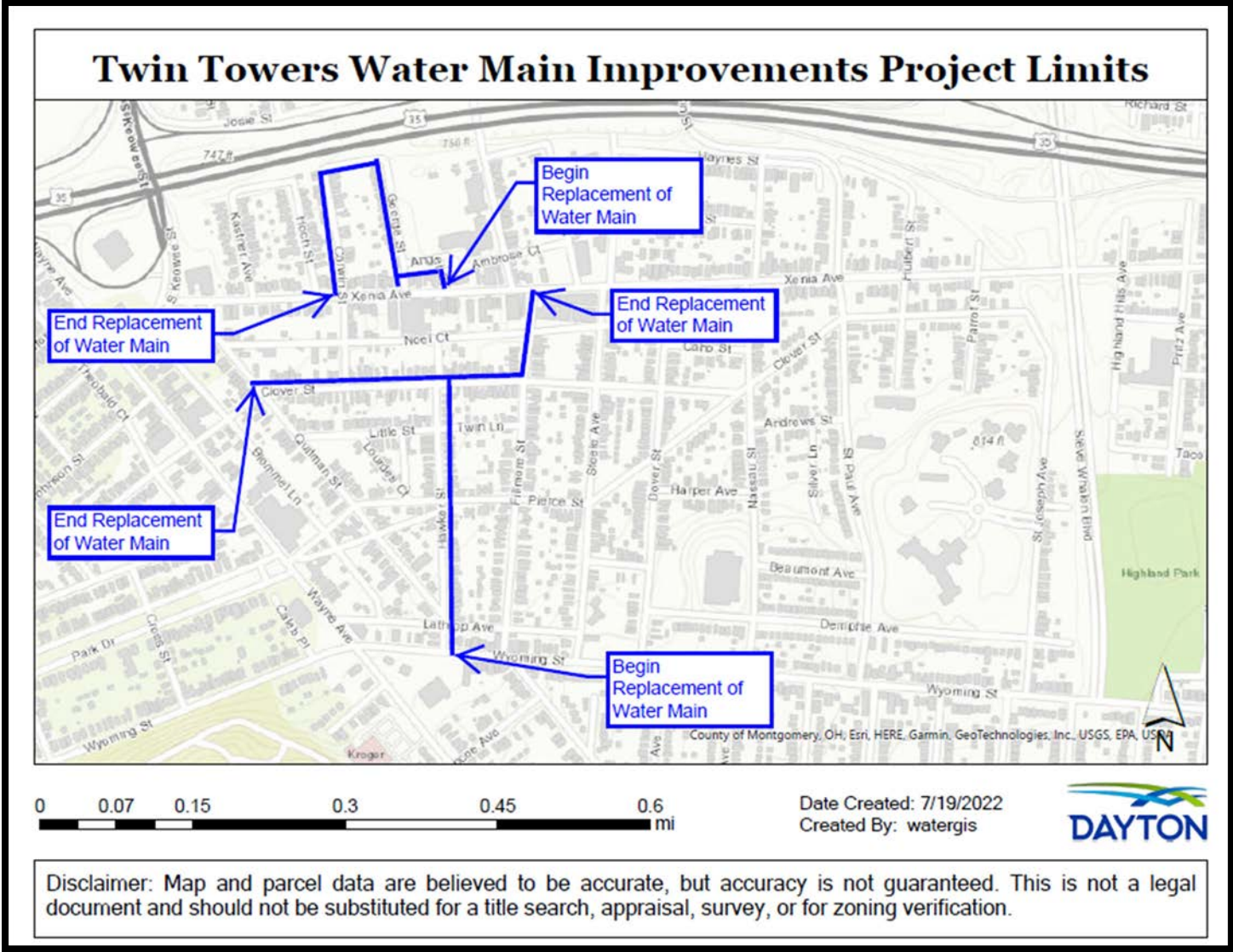


Figure 2 - Twin Towers Water Main Improvements Project Limits