

OPWC DISTRICT 4 INTEGRATING COMMITTEE
2022/2023 APPLICATION SUMMARY

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SUBDIVISION: Dayton CONTACT PERSON: Nick Dailey
PROJECT NAME: Findlay Street MRL-08 Outfall Improvements

CRITERIA		RESPONSE			
	Project Type	Stormwater			
	General Project Summary	Replace a critical storm system failure. The existing outfall consists of an 84" concrete storm pipe discharging to the Mad River, 100 feet to the west of N. Findlay Avenue. The concrete headwalls are spalling and cracking, and much of the concrete channel has broken off and washed away. The proposed project will rehabilitate the failing headwalls, channel and revetment.			
1.	Priority Project?	No			
2.	Total Project Cost	\$470,000			
	Funding Requested SCIP	\$200,000			
	Funding Requested LTIP	n/a			
	New/ Expansion	\$0			
3.	Type of Request	Grant			
4.	Local Match SCIP	\$270,000	57%		
	Local Match LTIP	n/a			
5.	Economic Health	5			
6.	Infrastructure Age	67 years			
7.	Generation of Revenue	None			
8.	Additional Funding	None			
9.	Readiness of Project	Ready to Proceed			
10.	Health & Safety - Category	Storm sewer			
	Response	The concrete portion of the outlet channel has eroded, leaving only rebar visible. This structural failure is allowing water to wash out soil from underneath the headwalls and causing the existing ground behind the headwall to sink, and escape under the headwall and into the channel. This creates a significant drop between the top of the headwall and the ground.			
11.	Addresses District Needs	System Users		Avg. Daily Traffic	
		Acres Drained	277	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	LTIP only Criteria		
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:	<u>0</u>	.00	
Construction Administration:	<u>0</u>	.00	
Total Engineering Services:	a.) <u>0</u>	.00	<u>0</u> %
Right of Way:	b.) <u>0</u>	.00	
Construction:	c.) <u>430,000</u>	.00	
Permits, Advertising, Legal:	e.) <u>0</u>	.00	
Construction Contingencies:	f.) <u>40,000</u>	.00	
Total Estimated Costs:	g.) <u>470,000</u>	.00	

1.2 Project Financial Resources

Local Resources

Local In-Kind or Force Account:	a.) <u>0</u>	.00	
Local Revenues:	b.) <u>270,000</u>	.00	
Other Public Revenues:			
Local / ODOT - Let:	d.) <u>0</u>	.00	
ODOT PID:			
OEPA / OWDA:	e.) <u>0</u>	.00	
CDBG:	f.) <u>0</u>	.00	
Other:	g.) <u>0</u>	.00	
Subtotal Local Resources:	i.) <u>270,000</u>	.00	<u>57.4</u> %

OPWC Funds (Check all requested and enter Amount)

Grant: <u>100</u> % of OPWC Funds	j.) <u>200,000</u>	.00	
Loan: <u>0</u> % of OPWC Funds	k.) <u>0</u>	.00	<u> </u> yrs
Loan Assistance / Credit Enhancement:	l.) <u>0</u>	.00	
Subtotal OPWC Funds:	m.) <u>200,000</u>	.00	<u>42.6</u> %
Total Financial Resources:	n.) <u>470,000</u>	.00	<u>100</u> %

OHIO PUBLIC WORKS COMMISSION

DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: City of Dayton

Project Title: Findlay Street MRL-08 Outfall Improvements

Application Summary:

Briefly describe the project:

The project is needed to replace a critical storm system failure. The existing outfall consists of an 84 inch concrete storm pipe discharging to the Mad River, 100 feet to the west of N. Findlay Avenue. The concrete headwalls are spalling and cracking, and much of the concrete channel has broken off and washed away. The proposed project will rehabilitate the failing headwalls, channel and revetment.

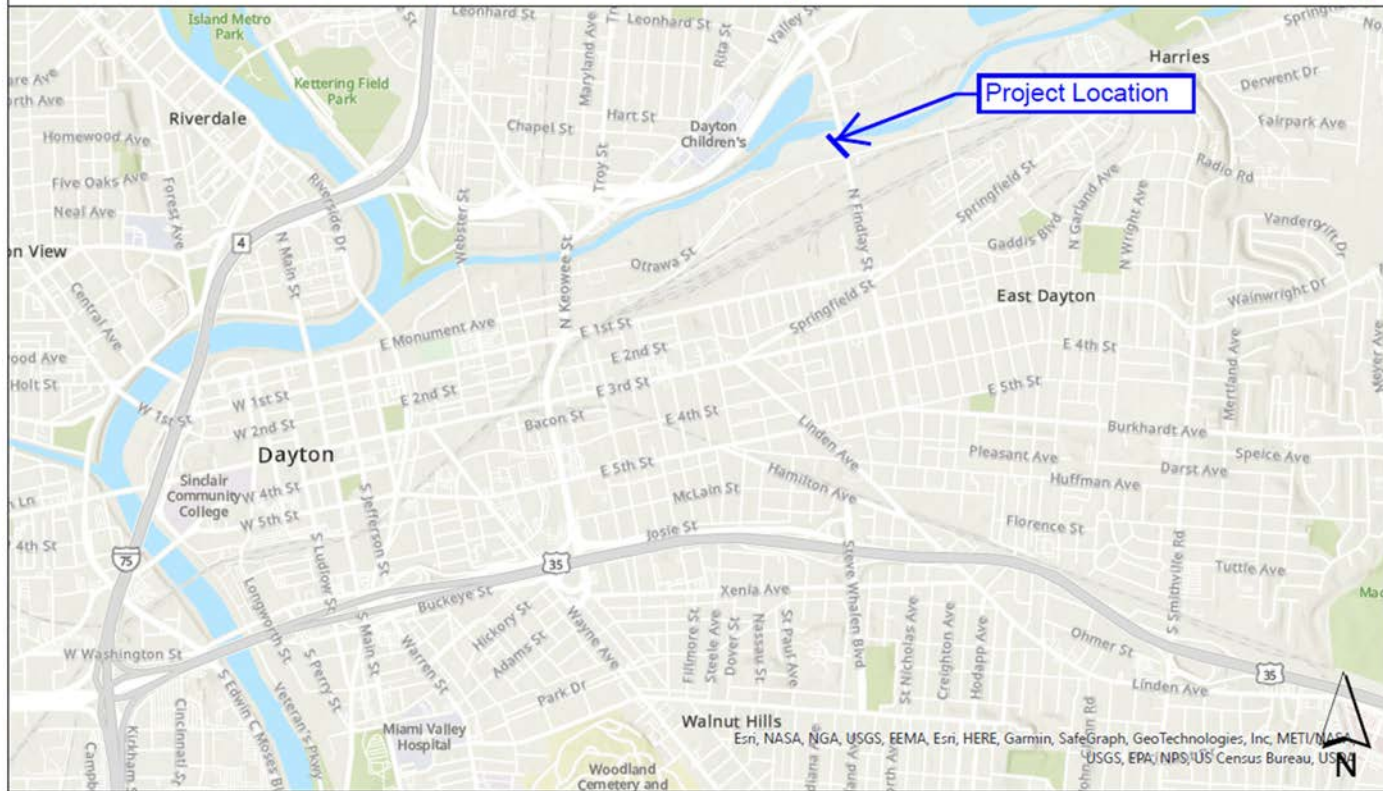
Other Factors

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

The City of Dayton has very limited funds for storm water improvements. This is a critically needed rehabilitation project, that needs to be constructed as soon as possible. There are safety concerns due to the sinking of the ground behind the headwalls, as well as structural concerns.

Cracking and spalling of the concrete headwall indicates a need for replacement. Proximity to the Mad River Bike trail is a safety concern. Collapse of the structure could also mean collapse of a portion of the bike trail.

Findlay Street Outfall MRL-08 Improvements Location Map



0 0.33 0.65 1.3 1.95 2.6 mi

Date Created: 6/14/2022
Created By: watergis



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- Findlay Street Outfall MRL-08 Improvements Location Map