

OPWC DISTRICT 4 INTEGRATING COMMITTEE  
FY25 APPLICATION SUMMARY

21

SUBDIVISION: Environmental Services CONTACT PERSON: Renee Miller  
PROJECT NAME: Rio and Karen Water Main Replacement

CRITERIA		RESPONSE			
	Project Type	Water			
	General Project Summary	Replace 6" cast iron water main with new 8" ductile cast iron water main and all appurtenances. New fire hydrants will also be installed.			
1.	Priority Project?	No			
2.	Total Project Cost	\$604,900			
	Funding Requested SCIP	\$480,000 ( \$150,000 Grant / \$330,000 Loan )			
	Funding Requested LTIP	n/a			
	New/ Expansion	\$0			
3.	Type of Request	31% Grant / 69% Loan			
4.	Local Match SCIP	\$454,900	75%		
	Local Match LTIP	n/a			
5.	Economic Health	4			
6.	Infrastructure Age	69 years			
7.	Generation of Revenue	None			
8.	Additional Funding	Yes – OWDA			
9.	Readiness of Project	Ready to Proceed			
10.	Health & Safety - Category	Water line			
	Response	Average of 11 breaks per 1,000 LF			
11.	Addresses District Needs	System Users	28	Avg. Daily Traffic	
		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			LTIP only Criteria
14.	Weighted Useful Life	40 years			
15.	Engineering as % of Construction	8%			
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: \_\_\_\_\_ .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 \_\_\_\_\_ %

# OHIO PUBLIC WORKS COMMISSION

## DISTRICT 4

### FY25 Supplemental Questionnaire

---

**Applicant:** [Montgomery County, Ohio](#)

---

**Project Title:** [Rio & Karen Water Main Replacement](#)

---

#### Application Summary:

**Briefly describe the project:**

This project will replace 6" cast iron water main installed in 1954 on portions of Rio Lane and all of Karen Drive in the Kettering, Ohio, with 8" ductile cast iron water main with all appurtenances. The project will also remove old fire hydrants and replace them with new hydrants with closer spacing. The main is being replaced due to excessive breaks and has exceeded it's useful life. The main being replaced has broken at a rate of 10.92/1000'.

All water service lines will be replaced to residences up to the property line or existing curb stop with copper water services. This is a potential lead service area. Lead services will be mandated by the OEPA to be replaced.

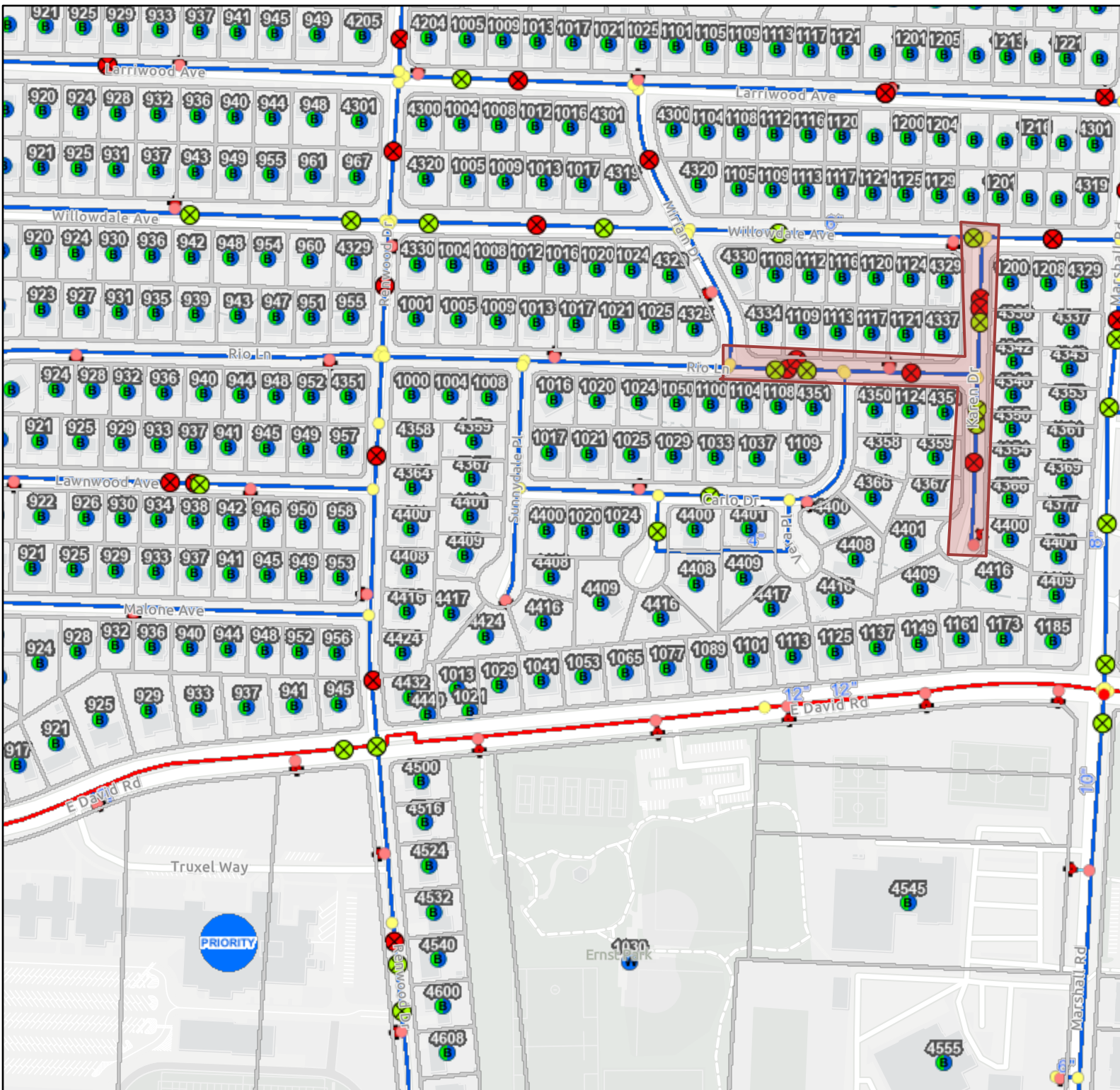
OWDA will also be funding this project.

## Other Factors

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

All water service lines will be replaced to residences up to the property line or existing curb stop with copper water services. This is a potential lead service area. Lead services will be mandated by the OEPA to be replaced.

# Rio & Karen WMR Vicinity Map



Warren County  
Montgomery County  
S <all other values>

**Location Pt by Water or Sewer**

- Water and Sewer
- Water Only
- Sewer Only
- Inactive

**Customer**

- CRIT
- PRIY

**Address Labels**

- Cityworks Repair Water Main Break
- GeoDigger Water Main Breaks

**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
- Pump Station, Standby/Out of Service
- Reservoir Storage Tank
- Standpipe Storage Tank

**Water Control Valve**

- AirRelease, In-Service/Active
- BackflowPrevention, In-Service/Active
- Blowoff, In-Service/Active
- PressureReduction, In-Service/Active
- Unk\_ControlValve, In-Service/Active

**Water Sampling Station**

- In-Service/Active
- Standby/Out of Service
- PFAS Sample Station

**Water Hydrant**

- MCES Special Use Hydrant/ In-Service
- Not MCES Special Use Hydrant/ In-Service
- MCES Standard Hydrant/ In-Service
- MCES Standard Hydrant/ Out of Service
- NOT MCES Water System Valve

**Water System Valve**

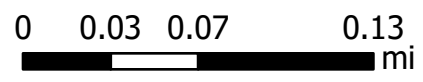
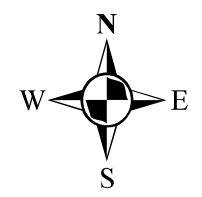
- <all other values>
- Distribution Valve
- Distribution Valve - Left Handed
- FireHydrant Valve
- FireHydrant Valve - Left Handed
- System Divisional Valve
- System Divisional Valve - Left Handed
- Proposed

**Proposed Water Network Structure**

- Proposed Storage Tank
- Proposed Pump Station
- Proposed
- Proposed Water Hydrant Line

**Proposed Water Main**

- Proposed 04" Fire Line
- Proposed 06" Fire Line
- Proposed 12" Fire Line
- Proposed 08" Fire Line
- Proposed 30" Water Main
- Proposed 06" Water Main
- Proposed 08" Proposed Water Main
- Proposed 12" Proposed Water Main
- Proposed 24" Proposed Water Main
- Proposed 36" Proposed Water Main
- Proposed 48" Proposed Water Main



Date Printed: 7/3/2023