

OPWC DISTRICT 4 INTEGRATING COMMITTEE
2022/2023 APPLICATION SUMMARY

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SUBDIVISION: Dayton CONTACT PERSON: Nick Dailey
PROJECT NAME: Ryburn Avenue Water Main Improvements

| CRITERIA | | RESPONSE | | | |
|----------|--|---|------------|----------------------------------|---------------------------|
| | Project Type | Water | | | |
| | General Project Summary | Existing deteriorated 6" high pressure water main on Ryburn Avenue will be replaced with 8", high pressure water main. The project will include new water main, valves and fire hydrants upgraded to current Water Engineering Standards. Pavement restoration will be included. | | | |
| 1. | Priority Project? | No | | | |
| 2. | Total Project Cost | \$560,000 | | | |
| | Funding Requested SCIP | \$200,000 | | | |
| | Funding Requested LTIP | n/a | | | |
| | New/ Expansion | \$0 | | | |
| 3. | Type of Request | Grant | | | |
| 4. | Local Match SCIP | \$360,000 | 64% | | |
| | Local Match LTIP | n/a | | | |
| 5. | Economic Health | 5 | | | |
| 6. | Infrastructure Age | 74 years | | | |
| 7. | Generation of Revenue | None | | | |
| 8. | Additional Funding | None | | | |
| 9. | Readiness of Project | Ready to Proceed | | | |
| 10. | Health & Safety - Category | Water line | | | |
| | Response | 8 breaks per 1,000 LF | | | |
| 11. | Addresses District Needs | System Users | 157 | 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.) _____ ^{510,000} | .00 | |
| Permits, Advertising, Legal: | e.) _____ ⁰ | .00 | |
| Construction Contingencies: | f.) _____ ^{50,000} | .00 | |
| Total Estimated Costs: | g.) _____ ^{560,000} | .00 | |

1.2 Project Financial Resources

Local Resources

| | | | |
|---------------------------------|------------------------------|-----|-------------------------|
| Local In-Kind or Force Account: | a.) _____ ⁰ | .00 | |
| Local Revenues: | b.) _____ ^{360,000} | .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.) _____ ^{380,000} | .00 | _____ ^{64.3} % |

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 | _____ ^{35.7} % |
| Total Financial Resources: | n.) _____ ^{580,000} | .00 | _____ ¹⁰⁰ % |

OHIO PUBLIC WORKS COMMISSION

DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant: City of Dayton

Project Title: Ryburn Avenue Water Main Improvements

Application Summary:

Briefly describe the project:

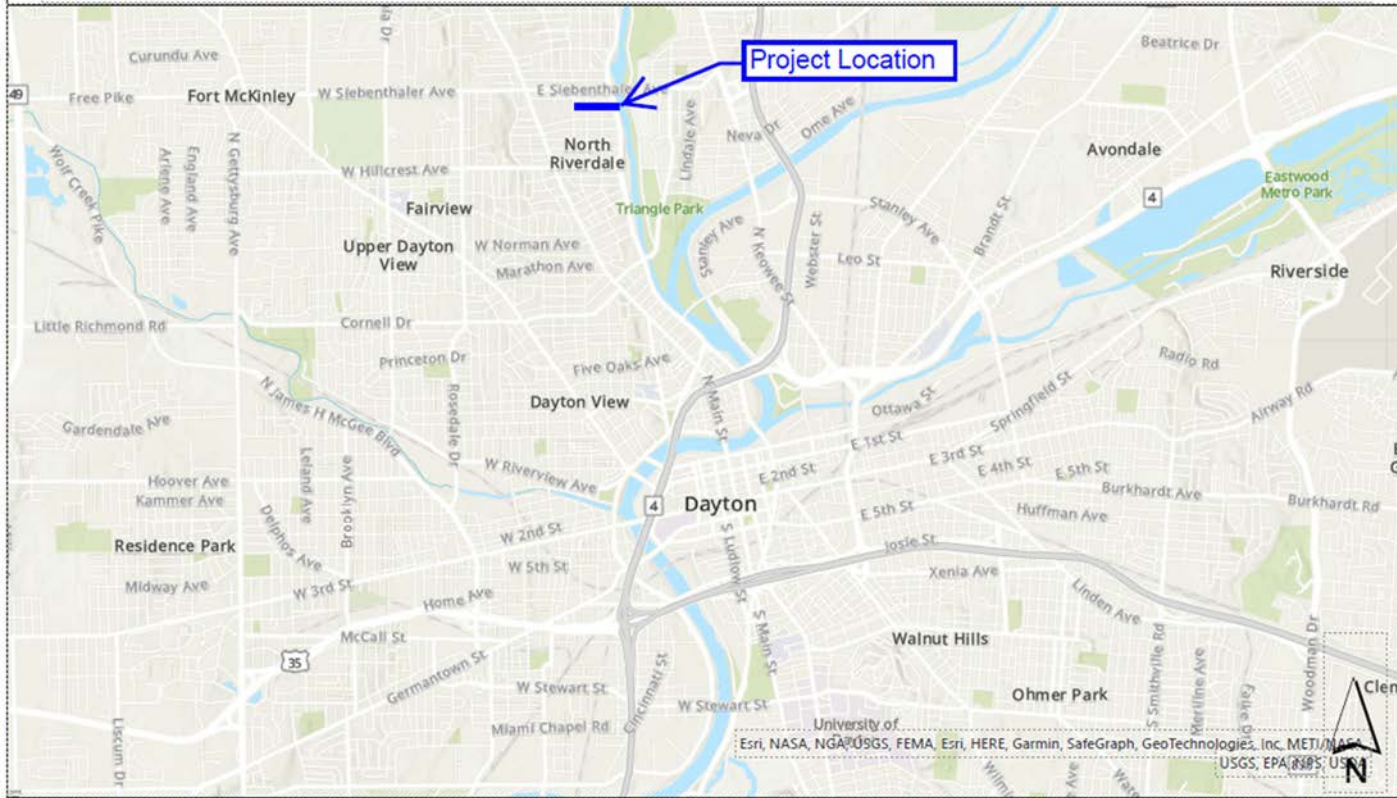
The existing deteriorated 6 inch, high pressure water main on Ryburn Avenue will be replaced with 8 inch, high pressure water main. The project will include new water main, valves and fire hydrants upgraded to current Water Engineering Standards. Pavement restoration will be included.

Other Factors

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

The breaks are occurring in a high pressure system. Water loss per break is estimated to be between 20,000 and 100,000 gallons of clean, treated water with an average of 30,000 gallons per break (see Maintenance Record, Figure 7). Water main breaks affect additional infrastructure such as roadways, sidewalks, and private property.

Ryburn Avenue Water Main Improvements Location Map



Date Created: 6/22/2022
Created By: watervis



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--Ryburn Avenue Water Main Improvements Location Map