



# Public Works Commission

## Application for Financial Assistance

**IMPORTANT:** Please consult "Instructions for Financial Assistance for Capital Infrastructure Projects" for guidance in completion of this form.

**Applicant**

Applicant: \_\_\_\_\_ Subdivision Code: \_\_\_\_\_

District Number: \_\_\_\_\_ County: \_\_\_\_\_ Date: \_\_\_\_\_

Contact: \_\_\_\_\_ Phone: \_\_\_\_\_  
(The individual who will be available during business hours and who can best answer or coordinate the response to questions)

Email: \_\_\_\_\_ FAX: \_\_\_\_\_

**Project**

Project Name: \_\_\_\_\_ Zip Code: \_\_\_\_\_

| Subdivision Type | Project Type                            | Funding Request Summary                              |
|------------------|---|--|
| _____            | (Select single largest component by \$) | (Automatically populates from page 2)                |
| SFN              | 1. Road                                 | Total Project Cost: _____ .00                        |
| _____            | 2. Bridge/Culvert                       | 1. Grant: _____ .00                                  |
| _____            | 3. Water Supply                         | 2. Loan: _____ .00                                   |
| _____            | 4. Wastewater                           | 3. Loan Assistance/<br>Credit Enhancement: _____ .00 |
| _____            | 5. Solid Waste                          | Funding Requested: _____ .00                         |
| _____            | 6. Stormwater                           |  |

**District Recommendation** (To be completed by the District Committee)

| Funding Type Requested                   | SCIP Loan - Rate: _____ % Term: _____ Yrs | Amount: _____ .00 |
|--|---|-------------------|
| (Select one)                             |   |                   |
| State Capital Improvement Program        | RLP Loan - Rate: _____ % Term: _____ Yrs  | Amount: _____ .00 |
| Local Transportation Improvement Program | Grant:                                    | Amount: _____ .00 |
| Revolving Loan Program                   | LTIP:                                     | Amount: _____ .00 |
| Small Government Program                 | Loan Assistance / Credit Enhancement:     | Amount: _____ .00 |
| District SG Priority: _____              |   |                   |

**For OPWC Use Only**

|                       |                              |   |
|-----------------------|------------------------------|---|
| STATUS                | Grant Amount: _____ .00      | Loan Type: <input type="checkbox"/> SCIP <input type="checkbox"/> RLP |
| Project Number: _____ | Loan Amount: _____ .00       | Date Construction End: _____  |
| _____                 | Total Funding: _____ .00     | Date Maturity: _____  |
| Release Date: _____   | Local Participation: _____ % | Rate: _____ %   |
| OPWC Approval: _____  | OPWC Participation: _____ %  | Term: _____ Yrs   |

# 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 \_\_\_\_\_ %

1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project New / Expansion: \_\_\_\_\_ .00

3.0 Project Schedule

3.1 Engineering / Design / Right of Way Begin Date: \_\_\_\_\_ End Date: \_\_\_\_\_
3.2 Bid Advertisement and Award Begin Date: \_\_\_\_\_ End Date: \_\_\_\_\_
3.3 Construction Begin Date: \_\_\_\_\_ End Date: \_\_\_\_\_

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed. Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: \_\_\_\_\_ Years Age: \_\_\_\_\_ (Year built or year of last major improvement)

Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT \_\_\_\_\_ Year \_\_\_\_\_

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

Residential Water Rate Current \$ \_\_\_\_\_ Number of households served: \_\_\_\_\_

Residential Wastewater Rate Current \$ \_\_\_\_\_ Number of households served: \_\_\_\_\_

Stormwater: Number of households served: \_\_\_\_\_

### 4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 2000 character limit.



B: IDENTIFY THE PROBLEM (Describe the issue to be addressed) 2000 character limit.

C: PROJECT SCOPE (Describe the work to be completed) 2000 character limit.

D. How do you intend to promote this project? 1000 character limit.

E: Additional Notes From Applicant - 1000 character limit.

## 5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

### 5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### 5.2 Chief Financial Officer (Can not also serve as CEO)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

### 5.3 Project Manager

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

FAX: \_\_\_\_\_

E-Mail: \_\_\_\_\_

## 6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

A certification signed by the applicant's chief financial officer stating the amount of all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's seal or stamp and signature.

A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

Farmland Preservation Review - The Governor's Executive Order 98-IIV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.

Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.

Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

## 7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

**Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.**

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Certifying Representative (Printed form, Type or Print Name and Title)

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Original Signature / Date Signed

**RESOLUTION NO. 23-1081  
AUGUST 15, 2023**

**RESOLUTION AUTHORIZING THE MONTGOMERY COUNTY ENVIRONMENTAL SERVICES DEPARTMENT TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT PROGRAM AND TO EXECUTE CONTRACTS AS REQUIRED FOR A GRANT/LOAN IN THE AMOUNT OF \$1,500,000.00 FOR THE PROJECT NO. 130063-84, GREENHILL & HORNWOOD WATER MAIN REPLACEMENT.**

WHEREAS, Michael B. Colbert, County Administrator, is authorized as the appropriate signature to sign any contracts or other OPWC required documents for the Greenhill & Hornwood Water Main Replacement project; and

WHEREAS, the State Capital Improvement Program provides financial assistance to political subdivisions for capital improvements to public infrastructure; and

WHEREAS, the Montgomery County Environmental Services Department is planning to make capital improvements with Greenhill & Hornwood Water Main Replacement project.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Montgomery County, Ohio, that a resolution authorizing the transmittal of the application and the entering into of any agreements as may be necessary and appropriate for obtaining OPWC funds in the amount of \$1,500,000.00 as described above for the Project No. 130063-84, Greenhill & Hornwood Water Main Replacement project be and is hereby approved.

BE IT FURTHER RESOLVED that the Clerk of Commission certify this resolution and make an imaged copy of this resolution available on the Montgomery County, Ohio website at <http://www.mcohio.org>.

RESOLUTION NO: 23-1081  
AUGUST 15, 2023

## CERTIFICATE

Mrs. Rice moved the adoption of the foregoing resolution. It was seconded by Ms. Dodge, and upon call of the roll the following vote resulted:

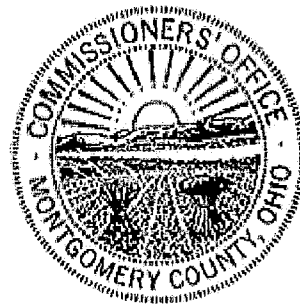
Mrs. Rice, aye; Ms. Dodge, aye; Mrs. Lieberman, aye: Carried.

I hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the Board of County Commissioners of Montgomery County, Ohio, on the 15th day of August, 2023.

THE BOARD OF COUNTY COMMISSIONERS HEREBY FINDS AND DETERMINES THAT ALL FORMAL ACTIONS RELATIVE TO THE ADOPTION OF THIS RESOLUTION WERE TAKEN IN AN OPEN MEETING OF THIS BOARD OF COUNTY COMMISSIONERS, AND THAT ALL DELIBERATIONS OF THIS BOARD OF COUNTY COMMISSIONERS, AND OF ITS COMMITTEES, IF ANY WHICH RESULTED IN FORMAL ACTION, WERE TAKEN IN MEETINGS OPEN TO THE PUBLIC, IN FULL COMPLIANCE WITH APPLICABLE LEGAL REQUIREMENTS, INCLUDING SECTION 121.22 OF THE REVISED CODE.

*Emily Bradford*

Emily Bradford, Clerk  
Board of County Commissioners  
Montgomery County, Ohio







DEPARTMENT OF ENVIRONMENTAL SERVICES

**MONTGOMERY COUNTY  
ENVIRONMENTAL SERVICES**

1850 Spaulding Road  
Kettering, Ohio 45432  
937-781-2500

[www.mcoho.org/water](http://www.mcoho.org/water)  
[www.mcswd.org](http://www.mcswd.org)

**COUNTY COMMISSIONERS**

Judy Dodge  
Carolyn Rice  
Deborah A. Lieberman

**COUNTY ADMINISTRATOR**

Michael B. Colbert

**DEPARTMENT DIRECTOR**

Matthew Hilliard

August 5, 2022

I, Financial Services Manager of Montgomery County Environmental Services, hereby certify that Montgomery County, Ohio has the amount of \$1,387,358.00 in the Water Fund and that this amount will be used to pay the local share for the Greenhill & Hornwood Water Main Replacement Project when it is required.

I, Financial Services Manager of Montgomery County Environmental Services, hereby certify that Montgomery County, Ohio has / will have / will collect the amount of \$795,000.00 in the Water Fund and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Greenhill & Hornwood Water Main Replacement Project over a 20 year term.

  
\_\_\_\_\_  
Vijay Chitkara, Financial Services Manager

## CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS

August 8, 2022

I, Craig A Jones, Fiscal Officer, Harrison Township, Montgomery County, Ohio, do hereby certify that Harrison Township has the amount of \$57,251.00 in the General Fund / Road & Bridge Fund and that this amount will be used to pay the local share for the Greenhill & Hornwood Water Main Replacement when it is required. The amount of payment is based on the cooperative agreement and current estimates of cost.



Digitally signed by Craig  
A. Jones, Fiscal Officer  
Date: 2022.08.08  
11:58:17 -04'00'

Craig A. Jones  
Fiscal Officer

**GREENHILL & HORNWOOD WATER MAIN REPLACEMENT  
PROJECT NO. 130063-84  
COOPERATIVE AGREEMENT**

THIS AGREEMENT entered into this 16th day of August, 2022 between the Board of County Commissioners of Montgomery County, Ohio, 451 W. Third Street, Dayton, Ohio 45422 (the "County") and the Harrison Township, Montgomery County, Ohio, 5945 N Dixie Drive, Dayton, Ohio 45414 (the "Township").

**WITNESSETH:**

WHEREAS, the County will contract to replace water mains on Julia Avenue, Hornwood Drive, Greenhill Road, Knollview Place, portions of Folsom Drive, and portions of Heikes Avenue, within the Township (the "Project"); and

WHEREAS, the Township desires to resurface the streets within the Project; and

WHEREAS, the County will apply for Grant and Loan funding from the Ohio Public Works Commission; and

WHEREAS, the County and Township recognize that a joint effort to make the desired improvements to the Project will benefit the public convenience and welfare at a significant cost savings to both jurisdictions compared to undertaking the improvements separately; and

NOW, THEREFORE, in consideration of the mutual covenants herein, the parties hereby agree as follows:

**ARTICLE ONE: Cost Participation - Engineering Phase**

The County will contract with a qualified, competent consulting engineering firm to obtain all engineering work and documents required to complete the Project, except as described under the Township's responsibilities below. The County will prepare plans for reconstruction of all water lines and appurtenant work. The Township will prepare plans, supplemental notes and specifications for all resurfacing and ancillary street work.

**ARTICLE TWO: Cost Participation – Construction Phase**

The County will contract for construction of the Project and will secure or provide all funding necessary to complete the Project, except as described under the Township's responsibilities below.

**Water Work:** The County agrees to pay the cost of construction of the water line relocation and appurtenant work, estimated at \$2,620,000.00, funds to come from the internal Water Fund.

**Street Work:** The Township will contract for paving work either as a single project or as part of their paving program. The Township agrees to pay the cost of the street work



## **GREENHILL & HORNWOOD WATER MAIN REPLACEMENT COOPERATIVE AGREEMENT**

construction, estimated at \$124,609.00, funds to come from the General Fund / Road & Bridge Fund. Upon the completion of all work, the County shall submit to the Township satisfactory documentation regarding actual costs and expenses for the Street Work. The Township agrees to pay for approved work, less allocation from OPWC monies, within 45 days of receipt of invoice.

If the Township fails to approve in writing the final cost statements issued by the County or provide a detailed explanation of disapproval, then 30 days following the County's submission of the actual costs and expenses to the Township, the costs and expenses submitted by the County shall be considered approved and final. If the County and Township cannot mutually agree on the actual costs and expenses within 60 days following the date of initial submission of costs by the County, then the parties agree to submit the matter to a mutually agreed upon mediator, with an attempt to reach agreement within 45 days.

Should the County receive reimbursement from the Ohio Public Works Commission (OPWC) for eligible construction costs on the Project, including the water line relocation and street work, the Township shall receive a percentage of the grant monies allocated by OPWC equal to the percentage of Township Street work, to the total construction work. As part of this agreement, if funding is received from OPWC, the County will supplement an additional \$35,350.00 towards the Street work. The County shall receive the remainder of the grant monies allocated, as well as 100% of the loan monies allocated by OPWC.

| <u>Party</u>      | <u>% of OPWC Allocation Received</u> | <u>Source</u> |
|-------------------|--------------------------------------|---------------|
| Harrison Township | 4.41% of Grant Funds                 | (Grant Only)  |
| County            | 95.59% of Grant Funds                | (Grant)       |
| County            | 100% of Loan Funds                   | (Loan)        |

Reimbursements from OPWC shall be reflected in the final amounts owed to the County upon completion of the project.

### **ARTICLE THREE: Term**

The term of this Agreement shall commence on the date of the execution by all parties and shall terminate on December 31, 2025.

### **ARTICLE FOUR: Modification and Severability**

This Agreement constitutes a total integration of the entire understanding between the parties and shall not be modified in any manner except by an instrument in writing executed by the parties.

If any term of provision of this Agreement, or the application thereof to any person or circumstances, shall, to any extent, be invalid or unenforceable, the remainder of this Agreement, or the application of such term or provision to persons or circumstance other than those as to which it is held invalid or unenforceable, shall not be affected thereby, and each term and provision of this Agreement shall be valid and enforced to the fullest extent permitted by law.

**GREENHILL & HORNWOOD WATER MAIN REPLACEMENT  
COOPERATIVE AGREEMENT**

**ARTICLE FIVE: Termination**

This Agreement may be terminated by either the Township or County upon notice, in writing, delivered upon the other party at least 60 days prior to the effective date of termination. This Agreement may be terminated by either party should OPWC funding is not granted. Likewise, this agreement may be continued through additional rounds of OPWC funding with the agreement of both parties.

**ARTICLE SIX: Signature**

The County hereby acknowledges that this Agreement must be signed and returned to Montgomery County by the Township within 30 days of receipt of said Agreement for signature or this Agreement may be cancelled and voided by Montgomery County.

**GREENHILL & HORNWOOD WATER MAIN REPLACEMENT  
COOPERATIVE AGREEMENT**

IN WITNESS WHEREOF, the parties hereto set their hands this 16th day of August, 2022.

**WITNESS:**

**BOARD OF COUNTY COMMISSIONERS  
MONTGOMERY COUNTY, OHIO**

Signature \_\_\_\_\_

By \_\_\_\_\_  
Judy Dodge, President

Signature \_\_\_\_\_

By \_\_\_\_\_  
Carolyn Rice

Signature \_\_\_\_\_

By \_\_\_\_\_  
Deborah A. Lieberman

**OR**

DocuSigned by:  
Emily Bradford  
Signature \_\_\_\_\_

DocuSigned by:  
Michael B. Colbert  
By \_\_\_\_\_  
Michael B. Colbert, Administrator

**APPROVED AS TO FORM:  
MATHIAS H. HECK, JR.  
Prosecuting Attorney for Montgomery County, Ohio**

By Ward Barrentine  
Assistant Prosecuting Attorney  
FF336DE1071549E  
8/9/2022  
Date: \_\_\_\_\_

**WITNESS:**  
Shirley Rice  
Signature \_\_\_\_\_

**HARRISON TOWNSHIP, OHIO**  
By [Signature]  
Signature \_\_\_\_\_  
Printed Name Kristofer McClintick  
Title 8/1/22

**APPROVED AS TO FORM:**  
[Signature]  
Law Director



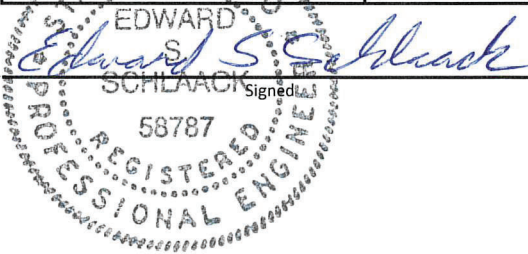
**GREENHILL & HORNWOOD WATER MAIN REPLACEMENT- ESTIMATE**

| ITEM   | ESTIMATED QUANTITIES (A) | UNITS (B) | ENGINEER'S ESTIMATE    |                    |
|--|--------------------------|-----------|------------------------|--------------------|
|  |                          |           | TOTAL UNIT             | TOTAL ITEM (D=AxC) |
| <b>GENERAL</b>   |                          |           |                        |                    |
| Mobilization   | 1                        | LS        | \$ 85,000.00           | \$ 85,000.00       |
| <b>SHEETING &amp; SHORING</b>  | NOT USED                 |           |                        |                    |
| <b>ROCK EXCAVATION</b>   | NOT USED                 |           |                        |                    |
| <b>UNSUITABLE SOIL</b>   | NOT USED                 |           |                        |                    |
| <b>PRESSURE PIPE &amp; SERVICES</b>  |                          |           |                        |                    |
| Install Gate Valves and Boxes  |                          |           |                        |                    |
| 8" Gate Valve and Box  | 13                       | EA        | \$ 2,302.00            | \$ 29,926.00       |
| 6" Gate Valve and Box  | 14                       | EA        | \$ 1,625.00            | \$ 22,750.00       |
| Fire Hydrant   |                          |           |                        |                    |
| Furnish and Install Fire Hydrant With 4" Storz Connections, Including Excavation, Backfill, and Restoration  | 14                       | EA        | \$ 6,430.00            | \$ 90,020.00       |
| Pressure Water Service Line  |                          |           |                        |                    |
| Accessories and Taps   |                          |           |                        |                    |
| 1" Curb Stop and Curb Box, Including Restoration   | 92                       | EA        | \$ 760.00              | \$ 69,920.00       |
| 1" Service Tap and Corporation Stop  | 92                       | EA        | \$ 650.00              | \$ 59,800.00       |
| 1" Test Tap Including Corporation Stop and Removal   | 4                        | EA        | \$ 1,150.00            | \$ 4,600.00        |
| Water Service Pipe   |                          |           |                        |                    |
| 1" Copper Service Line   | 2356                     | LF        | \$ 136.00              | \$ 320,416.00      |
| Pressure Water Main  |                          |           |                        |                    |
| Pipe   |                          |           |                        |                    |
| Furnish and Install 8" AWWA C 151, Class 51, Ductile Iron, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material | 5,788                    | LF        | \$ 160.00              | \$ 926,080.00      |
| Furnish and Install 6" AWWA C 151, Class 51, Ductile Iron, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material | 35                       | LF        | \$ 120.00              | \$ 4,200.00        |
| Furnish and Install 6" Fire Hydrant Anchor Pipe, Polywrapped Pipe, with Granular Backfill, Including Compaction and Disposal of Excavated Material           | 204                      | LF        | \$ 240.00              | \$ 48,960.00       |
| <b>GRAVITY PIPE &amp; SERVICES (SEWER)</b>   |                          |           |                        |                    |
| 4" PVC ASTM D-3034 SDR 26, Including All Restoration   | 100                      | LF        | \$ 50.00               | \$ 5,000.00        |
| 6" PVC ASTM D-3034 SDR 26, Including All Restoration   | 100                      | LF        | \$ 60.00               | \$ 6,000.00        |
| <b>LUMP SUM ITEMS</b>  |                          |           |                        |                    |
| NOT USED   |                          |           |                        |                    |
| <b>RESTORATION</b>   |                          |           |                        |                    |
| Trench Restoration Per Foot of Trench  | 7,000                    | LF        | \$ 88.00               | \$ 616,000.00      |
| Seeding and Mulching (for Fire Hydrant Branch lines and Main Line)   | 140                      | LF        | \$ 13.50               | \$ 1,890.00        |
| <b>MISCELLANEOUS CONSTRUCTION</b>  |                          |           |                        |                    |
| Furnish and Install 10"x8" Tapping Sleeve and Valve with Box, Including All Work to Connect to Existing Water Line   | 3                        | EA        | \$ 8,150.00            | \$ 24,450.00       |
| Remove Fire Hydrant and Cap line, Backfill w/ Granular Backfill and Green Space Restoration  | 8                        | EA        | \$ 1,015.00            | \$ 8,120.00        |
| Remove Valve Boxes (top section) and Valves (if required) Restoration of Pavement or Greenspace Included   | 18                       | EA        | \$ 470.00              | \$ 8,460.00        |
| Full Depth Pavement Sawing   | 14,000                   | LF        | \$ 2.20                | \$ 30,800.00       |
| Furnish and Install 6"x6" Tapping Sleeve and Valve with Box, Including All Work to Connect to Existing Water Line  | 3                        | EA        | \$ 4,500.00            | \$ 13,500.00       |
| Plug existing Connections to 10" main (Main St.)   | 3                        | EA        | \$ 4,060.00            | \$ 12,180.00       |
| 6" Cut & Plug Type 1   | 3                        | EA        | \$ 3,500.00            | \$ 10,500.00       |
| <b>Subtotal</b>  |                          |           | <b>\$ 2,398,572.00</b> |                    |

|  |                        |
|--|------------------------|
| <b>MCES ~10% Contingency</b>                     | <b>\$ 221,428.00</b>   |
| <b>MCES Total Construction</b>                   | <b>\$ 2,620,000.00</b> |
| <b>Engineering</b>                               | <b>\$ 200,000.00</b>   |
| <b>Street Mill &amp; Overlay (Harrison Twp.)</b> | <b>\$ 124,609.00</b>   |
| <b>Project Total</b>                             | <b>\$ 2,944,609.00</b> |

Prepared by Edward S. Schlaack, P.E.

Date: August 13, 2022



A weighted useful life statement stamped/sealed and signed by a licensed professional engineer must be included with the project application.

This spreadsheet has formulas to make a weighted useful life calculation and is populated with an example for illustrative purposes. Items can be added to column a.

**Weighted Useful Life & Design Service Capacity Calculations**

| Major Component                              | Cost (\$1,000)  | Portion Repair / Replacement (%) | Repair / Replace Product | Useful Life (Years) | Useful Life Product |
|--|-----------------|----------------------------------|--------------------------|---------------------|---------------------|
| Full-depth road construction w/ drainage     |                 |                                  |                          | 25                  |                     |
| Full-depth road construction w/o drainage    | 124.609         | 100                              | 12460.9                  | 25                  | 3115.225            |
| Partial-depth road construction w/ drainage  |                 |                                  |                          | 15                  |                     |
| Partial-depth road construction w/o drainage |                 |                                  |                          | 15                  |                     |
| Storm Sewers                                 |                 |                                  |                          | 40                  |                     |
| Sanitary Sewers                              |                 |                                  |                          | 40                  |                     |
| Water Lines                                  | 2620            | 100                              | 262000                   | 40                  | 104800              |
| Bridge                                       |                 |                                  |                          | 75                  |                     |
| Pumps, Lift Stations                         |                 |                                  |                          | 15                  |                     |
| Sidewalks                                    |                 |                                  |                          | 25                  |                     |
| Bike Facility                                |                 |                                  |                          | 7                   |                     |
| <b>Totals</b>                                | <b>2744.609</b> |                                  | <b>274460.9</b>          |                     | <b>107915.2</b>     |

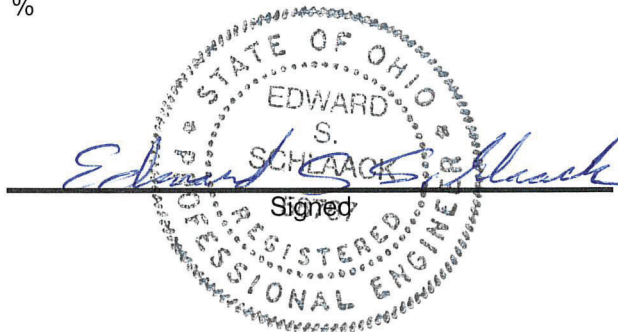
Weighted Useful Life: 39.3 Years

Design Service Capacity (Project Application, Section 2.0):

Portion Repair / Replace 100 %  
 Portion New / Expansion %

Prepared by Edward S. Schlaack, P.E.

Date: August 8, 2022





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

---

**Applicant:** Montgomery County Environmental Services

---

**Project Title:** Greenhill & Hornwood Water Main Replacement

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**Application Summary:**

**Briefly describe the project:**

This project will replace 6" cast iron water main on Julia Ave, Heikes Ave, Hornwood Dr, Greenhill Rd, Folsom Dr, and Knollview Pl, in Harrison Township 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 9.4/1000'.

### Priority:

|   |                                     |
|---|-------------------------------------|
| Is this application your priority project? (Circle One) |                                     |
| Yes <input type="radio"/>                               | No <input checked="" type="radio"/> |

### Generation of Revenue:

|   |                                     |
|---|-------------------------------------|
| Will new user fees or assessments be assessed as part of this project? (Circle One) |                                     |
| Yes <input type="radio"/>   | No <input checked="" type="radio"/> |
| What will the new user fees or assessments be used for?                             |                                     |
| <br><br><br>  |                                     |

### Additional Funding:

|  |                          |
|--|--------------------------|
| Will OPWC match, in part, a committed grant or loan? (Circle One)  |                          |
| Yes <input checked="" type="radio"/>   | No <input type="radio"/> |
| If no, was the project submitted to an appropriate agency for funding, but denied due to lack of funding? (Circle One) |                          |
| Yes – Appropriate Documentation Attached <input type="radio"/>   | No <input type="radio"/> |

### Readiness of Project:

|  |                          |
|--|--------------------------|
| Will this project be <u>substantially</u> underway on or before June 1, 2024? (Circle One) |                          |
| Yes <input checked="" type="radio"/>   | No <input type="radio"/> |

### Health & Safety:

|   |
|---|
| <b>Describe the specific health or safety issue being addressed by this project. What deficiency or condition is causing the health or safety issue?</b>  |
| <p>There have been 9.3 breaks per 1000' on the water main that will be replaced. The main breaks cause a reliability issue due to outages. Breaks also require a boil notice to be implemented after service is back on line. This project will correct and replace any potential lead services within the area of the project.</p> |

### Addresses District Infrastructure Needs:

|  |                                  |                                     |
|--|----------------------------------|-------------------------------------|
| <b>Is this project located in more than one community? (Circle One)</b>              |                                  |                                     |
| Yes <input type="radio"/>  |                                  | No <input checked="" type="radio"/> |
| <b>What percentage of the community will be served by this project? (Circle One)</b> |                                  |                                     |
| Less than 25% <input checked="" type="radio"/>                                       | 25% to 40% <input type="radio"/> | More than 40% <input type="radio"/> |

### Economic Development

|   |   |
|---|---|
| <b>How many jobs are being created as a result of this project?</b>             | 0 |
| <b>How many jobs will be retained as a result of this project?</b>              | 0 |
| <b>Why is it necessary to fund this improvement to secure this development?</b> |   |
| N/A   |   |
| <b>What type of industry is proposed in this development?</b>                   |   |
| N/A   |   |

### Relieve Existing Traffic Congestion:

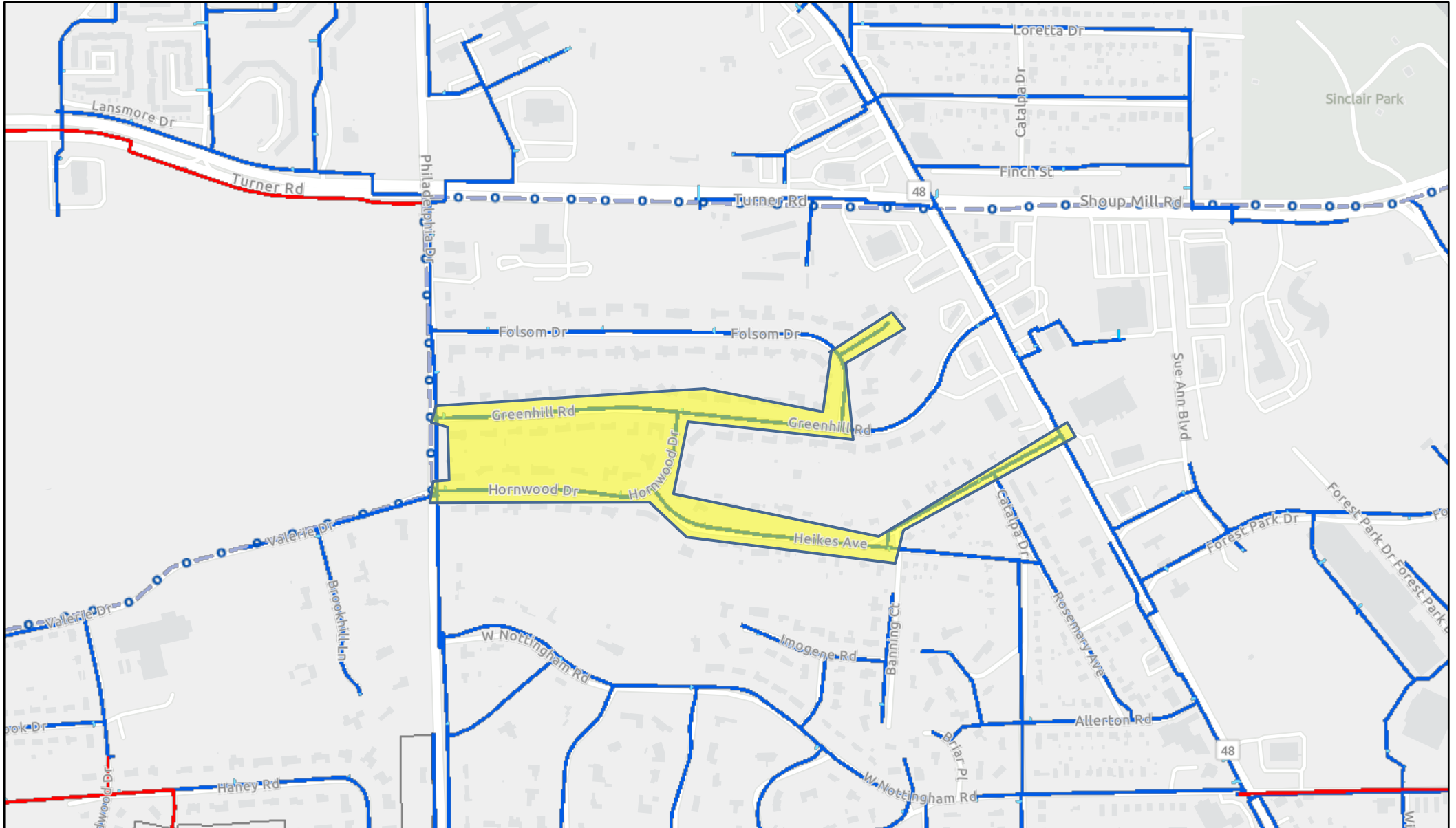
|                                      |     |
|--------------------------------------|-----|
| <b>What is the level of service?</b> | N/A |
|--------------------------------------|-----|

## Other Factors

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

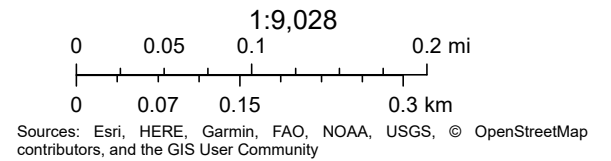
This project falls under the OEPA mandate to identify and catalogue all lead services by 2024 and remove them by 2026. Exact guidance has not been given about the removal.

# Vicinity Map



7/25/2022, 11:33:53 AM

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

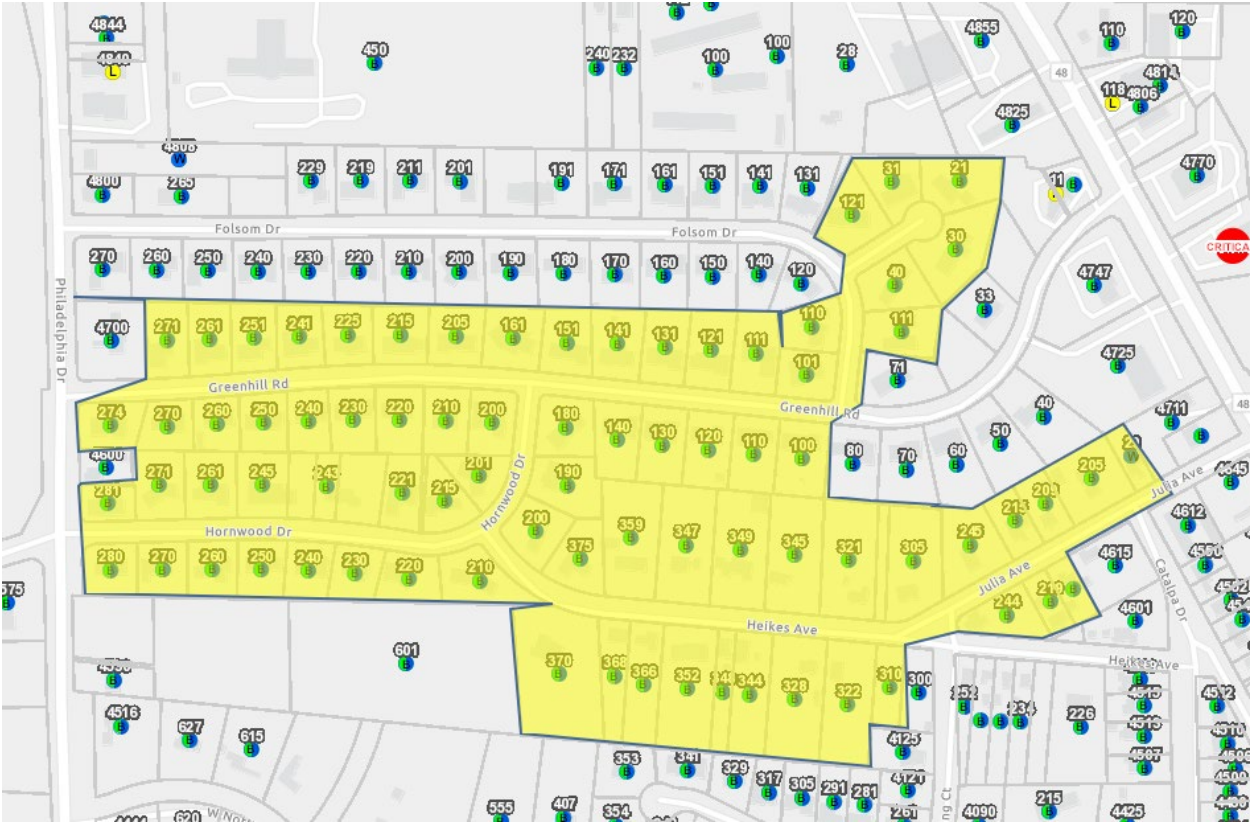




# GREENHILL & HORNWOOD WATER MAIN REPLACEMENT

## CUSTOMER COUNT

TOTAL CUSTOMERS = 92



| FULL ADDRESS     | PARCEL ID      | FULL ADDRESS  | PARCEL ID      | FULL ADDRESS  | PARCEL ID      |
|------------------|----------------|---------------|----------------|---------------|----------------|
| 352 HEIKES       | E20 17015 0036 | 274 GREENHILL | E20 17716 0001 | 225 GREENHILL | E20 17717 0010 |
| 601 W NOTTINGHAM | E20 01008 0031 | 180 HORNWOOD  | E20 17717 0005 | 230 GREENHILL | E20 17717 0001 |
| 4615 CATALPA     | E20 17015 0015 | 190 HORNWOOD  | E20 17715 0006 | 240 GREENHILL | E20 17716 0005 |
| 29 JULIA         | E20 17015 0011 | 200 HORNWOOD  | E20 17715 0005 | 241 GREENHILL | E20 17716 0006 |
| 205 JULIA        | E20 17015 0010 | 201 HORNWOOD  | E20 17715 0007 | 250 GREENHILL | E20 17716 0004 |
| 300 HEIKES       | E20 17015 0029 | 210 HORNWOOD  | E20 17715 0003 | 251 GREENHILL | E20 17716 0007 |
| 305 HEIKES       | E20 17015 0006 | 215 HORNWOOD  | E20 17715 0008 | 260 GREENHILL | E20 17716 0003 |
| 209 JULIA        | E20 17015 0009 | 220 HORNWOOD  | E20 17715 0002 | 261 GREENHILL | E20 17716 0008 |
| 212 JULIA        | E20 17015 0016 | 221 HORNWOOD  | E20 17715 0009 | 270 GREENHILL | E20 17716 0002 |
| 215 JULIA        | E20 17015 0008 | 230 HORNWOOD  | E20 17715 0001 | 271 GREENHILL | E20 17716 0009 |
| 244 JULIA        | E20 17015 0018 | 240 HORNWOOD  | E20 17714 0005 | 100 GREENHILL | E20 17610 0005 |
| 245 JULIA        | E20 17015 0007 | 243 HORNWOOD  | E20 17714 0011 | 101 GREENHILL | E20 17610 0021 |
| 310 HEIKES       | E20 17015 0030 | 245 HORNWOOD  | E20 17714 0007 | 110 GREENHILL | E20 17610 0004 |
| 321 HEIKES       | E20 17015 0005 | 270 HORNWOOD  | E20 17714 0002 | 111 GREENHILL | E20 17610 0022 |
| 322 HEIKES       | E20 17015 0032 | 271 HORNWOOD  | E20 17714 0009 | 120 GREENHILL | E20 17610 0003 |
| 328 HEIKES       | E20 17015 0033 | 280 HORNWOOD  | E20 17714 0001 | 121 GREENHILL | E20 17610 0023 |
| 344 HEIKES       | E20 17015 0034 | 281 HORNWOOD  | E20 17714 0010 | 130 GREENHILL | E20 17610 0002 |
| 345 HEIKES       | E20 17015 0004 | 370 HEIKES    | E20 01008 0202 | 131 GREENHILL | E20 17610 0024 |
| 347 HEIKES       | E20 17015 0002 | 375 HEIKES    | E20 17715 0004 | 140 GREENHILL | E20 17610 0001 |
| 348 HEIKES       | E20 17015 0035 | 110 FOLSOM    | E20 17610 0020 | 141 GREENHILL | E20 17610 0025 |
| 349 HEIKES       | E20 17015 0003 | 111 FOLSOM    | E20 17611 0007 | 151 GREENHILL | E20 17717 0006 |
| 359 HEIKES       | E20 17015 0001 | 161 GREENHILL | E20 17717 0007 | 250 HORNWOOD  | E20 17714 0004 |
| 366 HEIKES       | E20 17015 0037 | 200 GREENHILL | E20 17717 0004 | 260 HORNWOOD  | E20 17714 0003 |
| 368 HEIKES       | E20 17015 0038 | 205 GREENHILL | E20 17717 0008 | 261 HORNWOOD  | E20 17714 0008 |
| 4645 N MAIN      | E20 01008 0048 | 210 GREENHILL | E20 17717 0003 |               |                |
| 4705 N MAIN      | E20 17015 0040 | 215 GREENHILL | E20 17717 0009 |               |                |
| 219 HEIKES       | E20 17015 0017 | 220 GREENHILL | E20 17717 0002 |               |                |

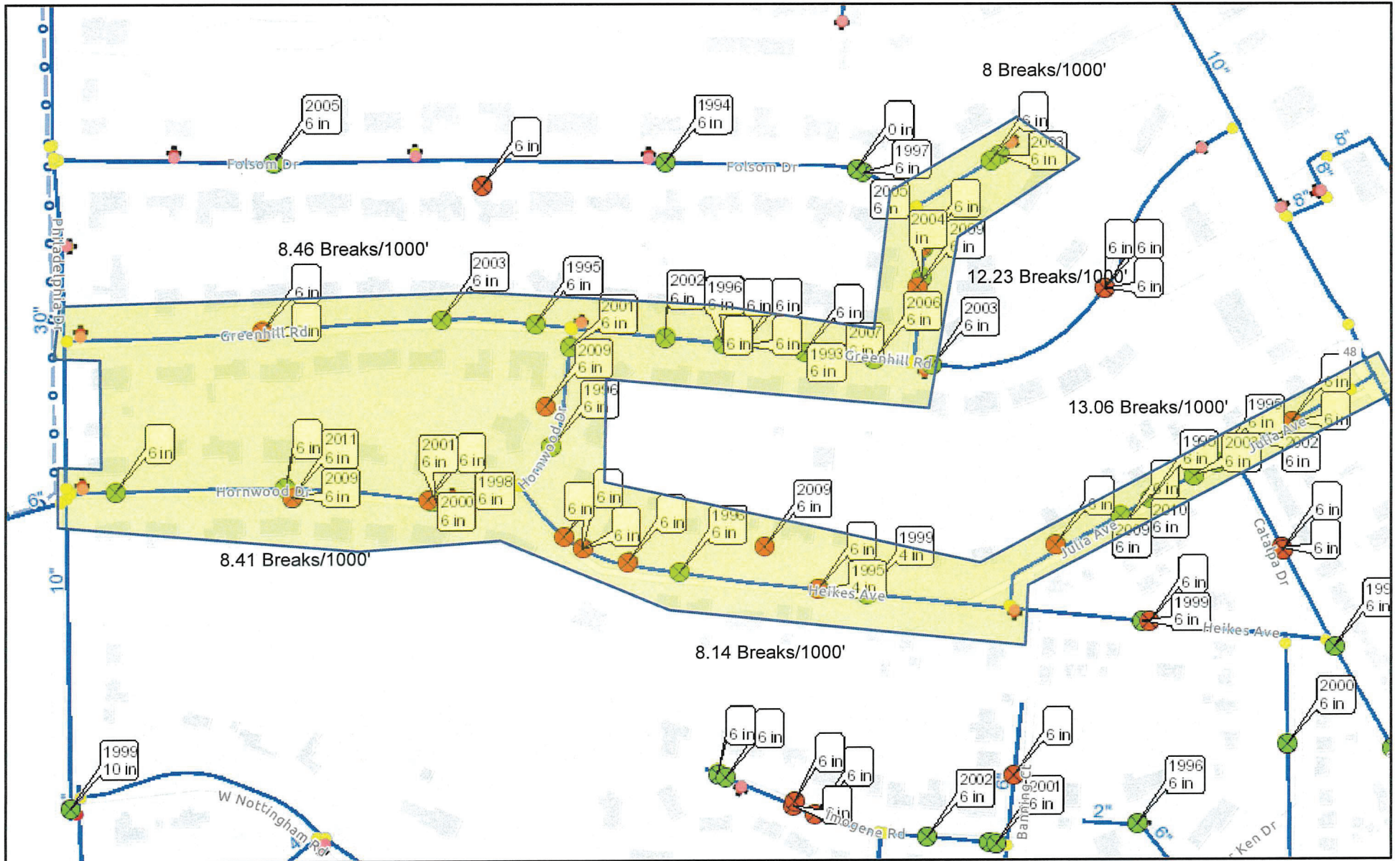








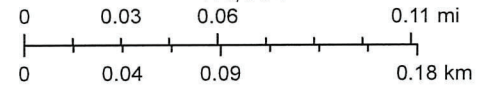
# Julia, Heikes, Hornwood, Greenhill, Folsom, Knollview



6/29/2022, 3:02:22 PM

1:4,514

- GeoDigger (Legacy System) Main Break
- Cityworks Repair Water Main Break
- Water Main
- Blowoff, Distribution Main, Interconnect
- Critical Water Main
- Not MCES
- FireLine
- HydrantLine
- MCES Out of Service



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

Web AppBuilder for ArcGIS

### Break History - Greenhill & Hornwood Water Main Replacement

| Street                     | From            | To           | Break Address            | Date       | Length | Breaks/ 1000' | Totals |             |               |
|----------------------------|-----------------|--------------|--------------------------|------------|--------|---------------|--------|-------------|---------------|
|                            |                 |              |                          |            |        |               | Length | Break Count | Breaks/ 1000' |
| Julia Ave                  | SR 48           | Heikes Ave   | 29 Julia Ave             | 4/21/2016  | 919    | 13.1          | 5692   | 53          | 9.3           |
|                            |                 |              | Julia Ave & Catalpa Dr   | 2/26/2022  |        |               |        |             |               |
|                            |                 |              | 29 Julia Ave             | 1/4/2002   |        |               |        |             |               |
|                            |                 |              | 205 Julia Ave            | 12/7/1995  |        |               |        |             |               |
|                            |                 |              | 205 Julia Ave            | 12/2/2003  |        |               |        |             |               |
|                            |                 |              | 209 Julia Ave            | 11/4/2001  |        |               |        |             |               |
|                            |                 |              | 209 Julia Ave            | 2/11/1995  |        |               |        |             |               |
|                            |                 |              | 205 Julia Ave            | 1/23/2010  |        |               |        |             |               |
|                            |                 |              | 245 Julia Ave            | 12/16/2009 |        |               |        |             |               |
|                            |                 |              | Julia Ave & Catalpa Dr   | 2/17/2016  |        |               |        |             |               |
|                            |                 |              | 245 Julia Ave            | 12/8/2020  |        |               |        |             |               |
| Heikes Ave                 | Julia Ave       | Hornwood Dr  | 215 Julia Ave            | 11/28/1997 | 1106   | 8.1           | 5692   | 53          | 9.3           |
|                            |                 |              | 328 Heikes Ave           | 1/19/1999  |        |               |        |             |               |
|                            |                 |              | 344 Heikes Ave           | 2/7/1995   |        |               |        |             |               |
|                            |                 |              | 252 Heikes Ave           | 1/15/2021  |        |               |        |             |               |
|                            |                 |              | 305 Heikes Ave           | 7/10/2020  |        |               |        |             |               |
|                            |                 |              | 359 Heikes Ave           | 7/10/1996  |        |               |        |             |               |
|                            |                 |              | 375 Heikes Ave           | 2/19/2022  |        |               |        |             |               |
|                            |                 |              | 300 Heikes Ave           | 1/14/2013  |        |               |        |             |               |
| 352 Heikes Ave             | 2/12/2013       |              |                          |            |        |               |        |             |               |
| Hornwood Dr                | Philadelphia Dr | Greenhill Rd | 210 Hornwood Ave         | 7/13/2020  | 1308   | 8.4           | 5692   | 53          | 9.3           |
|                            |                 |              | 280 Hornwood Dr          | 2/14/2009  |        |               |        |             |               |
|                            |                 |              | 245 Hornwood Dr          | 12/7/2008  |        |               |        |             |               |
|                            |                 |              | 215 Hornwood Dr          | 12/15/2011 |        |               |        |             |               |
|                            |                 |              | 280 Hornwood Dr          | 2/14/2009  |        |               |        |             |               |
|                            |                 |              | 215 Hornwood Dr          | 12/18/2013 |        |               |        |             |               |
|                            |                 |              | Hornwood Dr & Heikes Ave | 12/29/2000 |        |               |        |             |               |
|                            |                 |              | Hornwood Dr & Heikes Ave | 12/4/2001  |        |               |        |             |               |
|                            |                 |              | 220 Hornwood Dr          | 5/14/1998  |        |               |        |             |               |
|                            |                 |              | 201 Hornwood Dr          | 10/31/1996 |        |               |        |             |               |
| 180 Hornwood Dr            | 10/19/2009      |              |                          |            |        |               |        |             |               |
| Hornwood Dr & Greenhill Rd | 8/5/2001        |              |                          |            |        |               |        |             |               |
| Greenhill Rd               | Philadelphia Dr | Folsom Dr    | 230 Greenhill Rd         | 1/9/2013   | 1774   | 8.5           | 5692   | 53          | 9.3           |
|                            |                 |              | 260 Greenhill Rd         | 12/17/2013 |        |               |        |             |               |
|                            |                 |              | 220 Greenhill Rd         | 4/13/2003  |        |               |        |             |               |
|                            |                 |              | 200 Greenhill Rd         | 11/19/1995 |        |               |        |             |               |
|                            |                 |              | 141 Greenhill Rd         | 11/23/2002 |        |               |        |             |               |
|                            |                 |              | 130 Greenhill Rd         | 2/12/1996  |        |               |        |             |               |
|                            |                 |              | 151 Greenhill Rd         | 1/29/2021  |        |               |        |             |               |
|                            |                 |              | 120 Greenhill Rd         | 12/17/2015 |        |               |        |             |               |
|                            |                 |              | 101 Greenhill Rd         | 10/22/2020 |        |               |        |             |               |
|                            |                 |              | 110 Greenhill Rd         | 3/8/2007   |        |               |        |             |               |
|                            |                 |              | 110 Greenhill Rd         | 1/17/1993  |        |               |        |             |               |
|                            |                 |              | 110 Greenhill Rd         | 2/17/2007  |        |               |        |             |               |
|                            |                 |              | 111 Greenhill Rd         | 11/5/2006  |        |               |        |             |               |
|                            |                 |              | 110 Greenhill Rd         | 12/14/1993 |        |               |        |             |               |
| 100 Greenhill Rd           | 7/6/2006        |              |                          |            |        |               |        |             |               |
| Folsom Dr                  | Greenhill Rd    | Knollview Pl | 110 Folsom Dr            | 12/8/2002  | 327    | 12.2          | 5692   | 53          | 9.3           |
|                            |                 |              | 110 Folsom Dr            | 11/9/2013  |        |               |        |             |               |
|                            |                 |              | 110 Folsom Dr            | 7/23/2004  |        |               |        |             |               |
|                            |                 |              | Folsom Dr & Greenhill Rd | 11/6/2009  |        |               |        |             |               |
| Knollview Pl               | Folsom Dr       | End          | 30 Knollview Dr          | 10/6/2003  | 258    | 7.8           | 5692   | 53          | 9.3           |
|                            |                 |              | 30 Knollview Dr          | 12/11/2008 |        |               |        |             |               |









171631

**RESOLUTION NO. 17-1631  
DECEMBER 5, 2017**

**RESOLUTION AUTHORIZING REVISED WATER AND SEWER RATES IN ACCORDANCE WITH THE ATTACHED RATE SCHEDULES THAT ARE MADE A PART HEREOF, EFFECTIVE JANUARY 1, 2018, JANUARY 1, 2019, JANUARY 1, 2020, JANUARY 1, 2021, AND JANUARY 1, 2022.**

WHEREAS, expenses for sewer operations continue to rise due to increases in sewer collection costs from the City of Dayton, improvements needed to the water reclamation facilities and sewer collection system, and increases in operating costs, and;

WHEREAS, expenses for water operations continue to rise due to increased water supply costs from the City of Dayton, improvements needed to the water distribution system, and increases in operating costs.

WHEREAS, Montgomery County Environmental Services recently completed an Asset Management Study (R&R program) and examined the condition of the infrastructure as well as the necessary investment needed to maintain.

WHEREAS, the key outcome of the R&R program was a 20 year cost projection of improvements to the water and wastewater system necessary to maintain or achieve the desired Level of Services while reducing risk to an acceptable level.

WHEREAS, Montgomery County Environmental Services recently completed a Capital Charge and Structure Study, which proposed a new rate model and a ten year rate plan to fund needed infrastructure investments.

WHEREAS, Montgomery County Environmental Services will perform an annual financial review and if necessary may reallocate annual rates at no additional costs to County customers.

NOW, THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Montgomery County, Ohio, that the revised water and sewer rates in accordance with the attached schedules which are made a part hereof, be and are hereby authorized to be effective January 1, 2018, January 1, 2019, January 1, 2020, January 1, 2021, and January 1, 2022.

BE IT FURTHER RESOLVED that the Clerk of Commission certify this resolution and make an imaged copy of this resolution available on the Montgomery County, Ohio website at <http://www.mcohio.org/>

2016

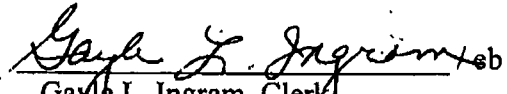
**PAGE 2  
RESOLUTION NO. 17-1631  
DECEMBER 5, 2017**

Mrs. Lieberman moved the adoption of the foregoing resolution. It was seconded by Ms. Dodge, and upon call of the roll the following vote resulted:

Mrs. Lieberman, aye; Ms. Dodge, aye; Mr. Foley, aye: Carried.

-----  
I hereby certify that the foregoing is a true and correct copy of a resolution duly adopted by the Board of County Commissioners of Montgomery County, Ohio, the 5<sup>th</sup> day of December, 2017.

THE BOARD OF COUNTY COMMISSIONERS HEREBY FINDS AND DETERMINES THAT ALL FORMAL ACTIONS RELATIVE TO THE ADOPTION OF THIS RESOLUTION WERE TAKEN IN AN OPEN MEETING OF THIS BOARD OF COUNTY COMMISSIONERS, AND THAT ALL DELIBERATIONS OF THIS BOARD OF COUNTY COMMISSIONERS, AND OF ITS COMMITTEES, IF ANY WHICH RESULTED IN FORMAL ACTION, WERE TAKEN IN MEETINGS OPEN TO THE PUBLIC, IN FULL COMPLIANCE WITH APPLICABLE LEGAL REQUIREMENTS, INCLUDING SECTION 121.22 OF THE REVISED CODE.

  
Gayle L. Ingram, Clerk  
Board of County Commissioners  
Montgomery County, Ohio

**SCHEDULE OF WATER & SEWER RATES EFFECTIVE JANUARY 1, 2018**

**GREATER MORAINE-BEAVERCREEK WATER AREA RATES**

|   |                   |               |
|---|-------------------|---------------|
| Daily Service Charge:<br><br>Typical Service Charge based on a 91-day quarter and 5/8" meter is \$13.35 | <u>Meter Size</u> | <u>Charge</u> |
|   | 5/8"              | \$ .1467      |
|   | 3/4"              | .1920         |
|   | 1"                | .2857         |
|   | 1 1/2"            | .5094         |
|   | 2"                | .7950         |
|   | 3"                | 1.7014        |
|   | 4"                | 2.5510        |
|   | 6"                | 4.8730        |
|   | 8"                | 7.6480        |
| 10"   | 10.8494           |               |
|   |                   |               |
| ▪ Single-Family Residential Volume Charge per 1,000 cubic feet .....                                    |                   | \$36.44       |
| ▪ All Other Volume Charge per 1,000 cubic feet. ... ..  |                   | \$35.84       |
| ▪ Well Field Protection Charge per 1,000 cubic feet .....   |                   | \$1.00        |

|  |                   |               |
|--|-------------------|---------------|
| Daily Capital Charge:<br><br>Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.31 | <u>Meter Size</u> | <u>Charge</u> |
|  | 5/8"              | \$ .0584      |
|  | 3/4"              | .0877         |
|  | 1"                | .1460         |
|  | 1 1/2"            | .2917         |
|  | 2"                | .4667         |
|  | 3"                | .9334         |
|  | 4"                | 1.4584        |
|  | 6"                | 2.9167        |
|  | 8"                | 4.6667        |
| 10"  | 6.7084            |               |



**SCHEDULE OF WATER & SEWER RATES EFFECTIVE JANUARY 1, 2018**

**GREATER MORAINE-BEAVERCREEK SEWER AREA RATES**

|  |                   |               |
|--|-------------------|---------------|
| <ul style="list-style-type: none"> <li>▪ Daily Service Charge:</li> </ul> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px 0;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$24.66                 </div> | <u>Meter Size</u> | <u>Charge</u> |
|  | 5/8"              | \$ .2710      |
|  | 3/4"              | .3660         |
|  | 1"                | .5594         |
|  | 1 1/2"            | 1.0287        |
|  | 2"                | 1.6180        |
|  | 3"                | 3.4080        |
|  | 4"                | 5.1630        |
|  | 6"                | 9.9824        |
|  | 8"                | 15.7480       |
|  | 10"               | 22.4187       |
| <ul style="list-style-type: none"> <li>▪ Volume Charge per 1,000 cubic feet .....\$43.80</li> </ul>  |                   |               |

|   |                   |               |
|---|-------------------|---------------|
| <ul style="list-style-type: none"> <li>▪ Daily Capital Charge:</li> </ul> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px 0;">                     Typical Service Charge based on a 91-day quarter and 5/8" meter is \$5.01                 </div> | <u>Meter Size</u> | <u>Charge</u> |
|   | 5/8"              | \$ .0550      |
|   | 3/4"              | .0824         |
|   | 1"                | .1370         |
|   | 1 1/2"            | .2740         |
|   | 2"                | .4384         |
|   | 3"                | .8767         |
|   | 4"                | 1.3697        |
|   | 6"                | 2.7390        |
|   | 8"                | 4.3824        |
|   | 10"               | 6.2997        |

**2018-2022 Quarterly Combined Rates**

**\*Rates include a Well Field Protection Charge of \$1.00 per 1000 Cubic Feet\***

|   | <u>2017</u> | <u>2018</u> | <u>2019</u> | <u>2020</u> | <u>2021</u> | <u>2022</u> |
|---|-------------|-------------|-------------|-------------|-------------|-------------|
| Typical Residential Customer Bill<br>(18 Ccf/Qtr) | \$170.17    | \$194.56    | \$205.46    | \$216.96    | \$229.11    | \$241.94    |
| Percent of Change                                 |             | 14.3%       | 5.6%        | 5.6%        | 5.6%        | 5.6%        |