Agenda

• Highland Park Pump Station
• Water Main Replacements
• Lead Line Replacements – American Rescue Plan Act Project
• Sewer Rehabilitation
Highland Reservoir Pump Station Replacement and Water Main Upgrades
## Project Timeline: Highland Reservoir Pump Station

<table>
<thead>
<tr>
<th>Project/Phase</th>
<th>Anticipated Schedule</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Close Mellon Terrace (both sides)</td>
<td>December 5, 2022 –February 13, 2023</td>
<td>Repair 24” combined sewer nearby proposed rising main</td>
</tr>
<tr>
<td>Close Mellon Terrace (reservoir side only)</td>
<td>January 13 – October 3, 2023</td>
<td>Install new rising main (8 wks.) and continue to use street to stage large-diameter pipe, other materials.</td>
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<tr>
<td>Close Mellon Street</td>
<td>March 8, 2023 – March 28, 2023</td>
<td>Install new rising main</td>
</tr>
<tr>
<td>Close Bunkerhill Street at Mellon Street (weekend work only)</td>
<td>March 31, 2023 – April 2, 2023</td>
<td>Install new rising main</td>
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<tr>
<td>Work within park</td>
<td>April 4, 2023 – April 24, 2023</td>
<td>Install new rising main within boundaries of Highland Park</td>
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<tr>
<td>Close Bunkerhill Street at Highland</td>
<td>April 5 – April 15, 2023</td>
<td>Connect new rising main to existing pipe at intersection.</td>
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</tbody>
</table>
Rising Main Traffic Impacts: Mellon Terrace (north lane)

- Road will remain closed throughout project to stage materials.
- Other lane will become one-way towards N. Negley Avenue.
- Detour signage will be posted accordingly.
Rising Main Traffic Impacts: Mellon Street

• 4-week closure.
• Traffic will be rerouted to N. Saint Clair Street.
• Detour signage will be posted accordingly.
Rising Main Traffic Impacts: Bunkerhill Street @ Mellon Street/One Wild Place

- Friday 8:00 pm – Sunday 5:00 am
- Detour signage will be posted accordingly
Rising Main Traffic Impacts: Bunkerhill Street @ N. Highland Avenue

- Traffic will be rerouted to N. Euclid Avenue.
- Detour signage will be posted accordingly.
- Crews will work around-the-clock to complete work.
Highland Reservoir Pump Station

- Construction new, modernized pump station behind the footprint of the existing pump station.
- Demolish old pump station.
- $50 million investment in our water system.
Water Main Replacements
Completion Status

- **Hays Street** – sidewalks complete, road restoration complete before end of October.

- **N. Euclid Avenue** – sidewalks complete, road restoration complete before end of October.

- **Wayne Road** - sidewalks complete, road restoration complete before end of October.

- **Jackson Street** – brick restoration to be complete before end of October.

- **Portland Street/Portland Way** – final site work occurring now, completion within few days.

- **N. St. Clair Street** - sidewalks complete, brick restoration may extend into winter.
Project Stats

• 1.15 miles of aging water main replaced.
• 72 public, 69 private-side lead lines replaced
  • 40% public lead, 38% private lead found
  • 10% increase for both public and private from last year’s contract findings.
• $5.87 million invested in neighborhood (1/3 of total contract value)
Neighborhood Lead Line Replacement Project
Project Overview

• $17 million program funded by American Rescue Act.

• Work area was selected based on prioritization model:
  • Childhood blood lead levels (ACHD data)
  • Concentration of children under 6 and women of childbearing age (Census)
  • Income (Census)
  • Concentration of lead lines (PWSA historical records.)

• 1-2 crews will ID lead lines and work with customers to replace at no charge.

• Estimated to be completed by end of 2022, some restoration will take place in spring as weather improves.
Sewer Rehabilitation
Project Overview

- $2.45 million investment in neighborhood to rehabilitate aging sewers, ensure reliable service.
- Nearly six miles of sewer will be lined.
- Primarily done with trenchless sewer lining technology – insert and cure liner within pipe to reinforce walls, prolong life of sewer.
- Work anticipated to be complete by mid-late November.
Odor From Sewer Lining

- Sewer lining can cause odor – described as sweet – that comes up through sewer lateral into buildings.
- Happens occasionally on block where work is occurring – has been happening in Highland Park homes nearby work area.
- May be due to age of sewer system, age of some homes.
- Measures you can take:
  - **Fill sewer trap** (small drainage hole usually found in basement) with one gallon of water to block smells from rising.
  - **Ventilate house** to the best of your ability if you get odor – smell is not dangerous, but unpleasant.
Project Contacts

If you experience odors during sewer lining work and would like assistance, please reach out to:

Project Superintendent: Dom Lemley, (724) 826-1295
Construction Inspector: Jeremy Rybarik, (724) 859-8025

If you’d like to learn more about the process of sewer lining, watch our educational video “PWSA Sewer Lining”.
Thank you

Questions or comments, please contact Mora McLaughlin, mmclaughlin@pgh2o.com