Headworks Project Update
SEP 020 Headworks Project
SEP 020 Headworks Project

- Scope I – Headworks Site Preparation Project
- Scope II – Bruce Flynn Improvements
  - A – BFS Improvements (Pump station upgrades)
  - B – SEP 005 Sewer Work
  - C – SEP 005 Southeast Lift Station
- Scope III – SEP 020 Headworks Project
Program Schedule

Scope I
- Construction NTP

Scope II
- Package A
- Package B
- Package C
- Construction NTP

Scope III
- Construction NTP

2018
- Scope I
- Construction Final Completion

2019
- Scope II – Package A
- Scope II – Package B
- Scope II – Package C
- Construction NTP

2020
- Scope II – Package A
- Scope II – Package B
- Scope II – Package C
- Construction NTP

2021
- Scope II – Package B
- Scope II – Package C
- Construction Final Completion

2022
- Scope II – Package C
- Construction Final Completion

2023
- Scope III
- Construction Final Completion
Scope I – Headworks Site Preparation Project

- The site preparation project will allow for influent wet weather flow to bypass around the existing 011 headworks facility to allow for demolition of the 011 structure.
Scope I – Headworks Site Preparation Project

Packages Awarded:
- Electrical
- Demolition
- General Cleanup
- Street Sweeping
- Security
- Temporary Bypass
- Civil
- Mechanical
- Fencing (Gate on Rankin)
Scope I Schedule

2018  |  2019  |  2020  |  2021  |  2022  |  2023

<table>
<thead>
<tr>
<th>Scope I</th>
<th>Construction NTP</th>
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<tr>
<th>Construction Final Completion</th>
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SEP 020 Headworks Project

• Scope II – Bruce Flynn Improvements
  • A – BFS Improvements (Pump station upgrades)
  • B – SEP 005 Sewer Work
  • C – SEP 005 Southeast Lift Station
Scope II – Bruce Flynn Improvements Project
Scope II – Package A – BFS Improvements

Bruce Flynn Station Improvements Summary

- Replace pump VFDs and control panels
- Install/replace gates
- Upgrade electrical systems

<table>
<thead>
<tr>
<th>Work Package #</th>
<th>SCOPE DESCRIPTION</th>
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<tbody>
<tr>
<td>2-100</td>
<td>Mechanical - Process pipe, Equipment Demo and Install, watertight doors, gates, valves, booster pump.</td>
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<td>2-200</td>
<td>Odor Control and HVAC - Demolition of existing, modify existing exhaust stacks, blowers, installation of new OC system.</td>
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<td>2-300</td>
<td>Traffic Topping</td>
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<td>2-400</td>
<td>Doors - w/ Hardware</td>
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<td>2-500</td>
<td>Painting and Coatings</td>
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<td>2-600</td>
<td>Concrete - Demolition, pads and Misc, Bollards</td>
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<td>2-700</td>
<td>Construction Support Crew</td>
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<tr>
<td>2-800</td>
<td>Site Security During Construction</td>
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<tr>
<td>2-1000</td>
<td>Electrical - Demolition, Electrical &amp; instrumentation and Security</td>
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<tr>
<td>2-1300</td>
<td>Tree Trimming</td>
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<tr>
<td>2-1400</td>
<td>Pump Procurement - (Main Submersible/Dewatering)</td>
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<tr>
<td>2-1500</td>
<td>Odor Control Equipment Procurement</td>
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<tr>
<td>2-1600</td>
<td>Flexible Rake Bar Screens Procurement</td>
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Scope II – Package B – Sewer Work

Package consists of civil and structural work elements to connect the existing SELS influent sewer line to the New SE 005 Lift Station.
Scope II – Package C – SE 005 Lift Station

• Package consists of the construction of a new lift station in the SE plant. Work will include civil, structural concrete, mechanical/equipment setting, electrical, painting/coatings, misc. metals, etc.
Scope III – New Headworks Facility

- Includes the construction of the new, reinforced concrete, multi-story Headworks structure, a new odor control structure, and new electrical structures.
Scope III Schedule

**2018**
- **Scope III**
  - Bid Packages – 1st Wave (16 Packages) - Completed

**2019**
- **Scope III**
  - Bid Packages – 2nd Wave (1 Package) - Completed

**2020**
- **Scope III**
  - Bid Packages – 3rd Wave (13 Packages) – June

- **Scope III**
  - Bid Packages – 4th Wave (9 Packages) – September

- **Scope III**
  - Construction NTP

**2021**
- **Scope III**
  - Bid Packages – 5th Wave (9 Packages) – Spring

**2022**
- **Scope III**
  - Bid Packages – 6th Wave (13 Packages) – Summer

**2023**
- **Scope III**
  - Construction Final Completion
FOR MORE INFORMATION, PLEASE CONTACT:

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