Reedy River Basin Sewer Tunnel Project

CONSTRUCTION PROGRESS
April 2020

LAST SWS UPDATE: February 20, 2020
TUNNEL ALIGNMENT

Cleveland Park Access Shaft (starting point)

Westfield Street Drop Shaft (end point)
DROP SHAFT SITE

NEW 42" SEWER

EXISTING 42" SEWER

84" SEWER TUNNEL

WESTFIELD STREET

NEW 42" SEWER
Construction Progress and Accomplishments
December 2019 | April 2020

TBM EXCAVATION: UNDERWAY

TBM Progress [%]
43.90%

TBM Progress [ft]
2612 FT

LAST SWS UPDATE: February 20, 2020
Construction Progress and Accomplishments
October 2019 | April 2020

STARTER TUNNEL: COMPLETE
Approximately 230 FT total length

DIV. STRUCTURE: 90%
Exterior concrete and final channel formation completed; linings and testing remain

JUNCTION BOX: 95%
Backfill, sodding, final channel formation completed; linings and testing remain

DROP SHAFT: 72%
Walls completed: Interior patchwork, lid formation, final coating, vortex structure remain

LAST SWS UPDATE: February 20, 2020
STARTER TUNNEL COMPLETION
11/20/2019
TBM (LAUNCH EVENT), ACCESS SHAFT
9/27/2019
TUNNEL GEOLOGY
04/04/2020
LIFTING TBM MUCK CARTS
01/21/2020
### Site Monitoring

#### Shaft Location

#### Site Perimeter

<table>
<thead>
<tr>
<th>Activity</th>
<th>Contract Sound Level Limits</th>
<th>Measured Sound Levels</th>
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</thead>
<tbody>
<tr>
<td>General Site Work</td>
<td>90 dB</td>
<td>70.8 dB</td>
</tr>
<tr>
<td>Rock Dumping / Hauling</td>
<td>90 dB</td>
<td>87 dB</td>
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</tbody>
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ACCESS SHAFT SITE AND CLEVELAND PARK FLOODING
ACCESS SHAFT SITE AND CLEVELAND PARK FLOODING
42” SEWER LINE CONSTRUCTION BETWEEN WESTFIELD STREET AND SOUTH HUDSON STREET
04/08/2020
42” SEWER LINE
CONSTRUCTION
42” SEWER LINE CONSTRUCTION AT SOUTH HUDSON STREET

04/08/2020
CONSTRUCTION REMAINING

• Approximately 3,400 feet of tunnel excavation
• Placement and grouting of 84 inch pipe inside tunnel
• New piping near diversion structure
• Placement of vortex in drop shaft
• Final system connections and commissioning