CITY OF QUINCY, MASSACHUSETTS
FY20 CIPP SEWER IMPROVEMENTS
CWSRF #4515 - CONTRACT B

PROJECT LOCATION MAP

MARCH 2020

WOODARD CURRAN
W&C PROJECT NO. 232568.00
ISSUED FOR BID

Mayor: Thomas P. Koch
Commissioner of Public Works: Alfred J. Grazioso
Purchasing Agent: Kathryn R. Logan
NOTE: CONTRACTOR SHALL FIELD VERIFY WITH ENGINEER IF CANNABIS MANHOLE RESTORATION IS REQUIRED AFTER NEW FRAME & COVER ARE PROVIDED.
**NOTES:**

1. Contractor shall locate, remove and dispose of existing manhole frame & cover and provide new standard manhole frame & cover in accordance with local codes and standards.
2. Fowler Street, Alden Street, Lower Street and James Street are scheduled for roadway improvements in Fiscal Year 2020. Contractor shall coordinate all sewer activities with the roadway improvements Contractor prior to commencing any work activities. Contractor shall remove all existing manhole restoration is required after new frame & cover are provided.
NOTE: CONTRACTOR SHALL FIELD VERIFY WITH ENGINEER IF CEMENTITIOUS MANHOLE RESTORATION IS REQUIRED AFTER NEW FRAME & COVER ARE PROVIDED.
1. Contractor shall coordinate all work activities on Washington Street with the ECB and shall obtain Access Permit prior to commencing any work activities in ECB jurisdiction.

2. Contractor shall coordinate all work activities with the Quincy Fire Department prior to commencing any work activities.

3. Access to houses shall be maintained at all times. Contractor shall coordinate construction activities with Marini to not disrupt delivery schedule.

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**Pipe Size**

<table>
<thead>
<tr>
<th>Material</th>
<th>Upstream</th>
<th>Downstream</th>
<th>Street</th>
<th>Total Length (LF)</th>
<th>Pipe Size (IN)</th>
<th>Pipe Material</th>
<th>Pipe Shape</th>
<th>Approx. Upstream End Depth (FT)</th>
<th>Approx. Downstream End Depth (FT)</th>
<th>Approx. Services to House</th>
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</thead>
<tbody>
<tr>
<td>BRICK</td>
<td>15516</td>
<td>12325</td>
<td>WASHINGTON COURT</td>
<td>232</td>
<td>20</td>
<td>VC P</td>
<td>CIRCULAR</td>
<td>24h</td>
<td>24h</td>
<td>5</td>
</tr>
<tr>
<td>BRICK</td>
<td>13235</td>
<td>12325</td>
<td>WASHINGTON COURT</td>
<td>180</td>
<td>20</td>
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<td>CIRCULAR</td>
<td>24h</td>
<td>24h</td>
<td>6</td>
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<tr>
<td>BRICK</td>
<td>13335</td>
<td>13235</td>
<td>WASHINGTON COURT</td>
<td>201</td>
<td>20</td>
<td>VC P</td>
<td>CIRCULAR</td>
<td>24h</td>
<td>24h</td>
<td>5</td>
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<tr>
<td>BRICK</td>
<td>35721</td>
<td>35721</td>
<td>JAVON AVENUE</td>
<td>28</td>
<td>20</td>
<td>VC P</td>
<td>CIRCULAR</td>
<td>24h</td>
<td>24h</td>
<td>5</td>
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</tbody>
</table>
Hughes Street is scheduled for roadway improvements in Fiscal Year 2020. Contractor shall coordinate all work activities with the roadway improvements Contractor plan to minimize any work activities.
Sheet C-107

**Artsy Street & Friends Avenue are scheduled for roadway improvements in Fiscal Year 2020. Contractor shall coordinate all work activities with the roadway improvements contractor prior to commencing any work activities.**

**Match Line**

<table>
<thead>
<tr>
<th>SMH</th>
<th>Downstream SMH</th>
<th>Street</th>
<th>UT Surf (ft)</th>
<th>FT Surf (ft)</th>
<th>SMH Surf (ft)</th>
<th>Pipe Size</th>
<th>Material</th>
<th>Pipe Shape</th>
<th>Pipe Length (ft)</th>
<th>Pipe Depth (ft)</th>
<th>Notes</th>
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<tbody>
<tr>
<td>32410</td>
<td>32414</td>
<td>Artsy Street</td>
<td>102</td>
<td>8</td>
<td>74</td>
<td>VCP</td>
<td>CIRCULAR</td>
<td></td>
<td>104</td>
<td>8</td>
<td></td>
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<td>32420</td>
<td>Artsy Street</td>
<td>130</td>
<td>8</td>
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<td>VCP</td>
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<td>74</td>
<td>VCP</td>
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<td>32412</td>
<td>Artsy Street</td>
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<td>174</td>
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**Curtain Grouting and Cementsitious Manhole Restoration**

**SMH**

**Location**

**Material**

**Approx. Depth (ft)**

**Notes:**

- Updated 2/24/2020 by: epeterson Using: woodland currans... FY 2020 Sanitary Sewer Design wip GIS Projects FY 2020 Bid Maps appx
CIPP Replacement sewer: 8/12/2020

<table>
<thead>
<tr>
<th>UPRST</th>
<th>DOWNST</th>
<th>STREET</th>
<th>TOTAL LENGTH</th>
<th>PIPE SIZE</th>
<th>PIPE MATERIAL</th>
<th>APPROX. UPSTREAM</th>
<th>APPROX. DOWNSTREAM</th>
<th>APPROX. DEPT (VF)</th>
<th>APPROX. SF DEPT (VF)</th>
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</thead>
<tbody>
<tr>
<td>30491</td>
<td>37236</td>
<td>QUARRY ST</td>
<td>208</td>
<td>8</td>
<td>VCP CIRCULAR</td>
<td>64</td>
<td>64</td>
<td>8</td>
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<tr>
<td>37926</td>
<td>68235</td>
<td>QUARRY ST</td>
<td>198</td>
<td>8</td>
<td>VCP CIRCULAR</td>
<td>64</td>
<td>76</td>
<td>11</td>
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<tr>
<td>68335</td>
<td>33941</td>
<td>QUARRY ST</td>
<td>230</td>
<td>8</td>
<td>VCP CIRCULAR</td>
<td>76</td>
<td>64</td>
<td>13</td>
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<tr>
<td>38444</td>
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<td>237</td>
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<td>QUARRY ST</td>
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<tr>
<td>68237</td>
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<td>QUARRY ST</td>
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<td>VCP CIRCULAR</td>
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<td>86</td>
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</table>

Notes:
1. Contractor shall coordinate all work activities on Furnace Brook Parkway with the DCR and local state Access Permit prior to performing any work activities in DCR jurisdiction.
2. Quarry Street is scheduled for roadway improvements in Fiscal Year 2020. Contractor shall coordinate all work activities with the roadway contractor prior to commencing any work activities.

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Figure Exported: 3/3/2020
By: epetersson
Using: woodward currans...FY 2020 Sanitary Sewer Design wip GIS Projects FY 2020 Bid Maps.approx
CIP PIPING & CURTAIN GRouting AND CEMENTitous MANHOLE Restoration

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>MATERIAL</th>
<th>APPROX. DEPTH (VF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intersection of Belmont Street</td>
<td>Brick</td>
<td>10±</td>
</tr>
</tbody>
</table>

Project # : 232568.00
Date : March 2020
Scale : 1" = 40'
Sheet : 14 of 23

City of Quincy
Department of Public Works
Quincy, Massachusetts

Dedham, Massachusetts 02026
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Project #: 232568.00
Date: March 2020
Scale: 1" = 40'
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Winthrop Avenue is scheduled for roadway improvements in Fiscal Year 2020. Contractor shall coordinate all work activities with the roadway improvements Contractor prior to commencing any work activities.

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SEDIMENTATION AND EROSION CONTROL NOTES
1. Proper erosion control measures have been designed into the construction and are detailed herein.
2. Please provide your comments to the plans prior to the start of the project.
3. All erosion control and construction shall comply with local and state regulations.
4. Erosion control and sedimentation control measures shall be maintained during all construction work.

SILT SACK INLET PROTECTION

BRICK MANHOLE ADJUSTMENT TO GRADE

STANDARD SEWER MANHOLE FRAME AND COVER

SEEDING & PLANTING NOTES
1. Seeding is to be performed in accordance with the approved plans and specifications.
2. Seed mix shall be provided by the contractor in accordance with the approved plans and specifications.
3. Seed mix shall be provided by the contractor in accordance with the approved plans and specifications.

LOAM & SEED

SEDIMENTATION BARRIER - SILT SOCK