WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 20-510

REHABILITATION OF FARRAGUT AVENUE (C.R. #151)
FROM THE FENWY TO BROADWAY
A TOTAL DISTANCE OF APPROXIMATELY 0.74 MILES
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

SHEET NO.  SHEET TITLE  DPW FILE NO.
G-001  TITLE SHEET  43-151-T-12-0
G-002 - G-003  GENERAL NOTES AND ITEM LIST  43-151-G-13-0
G-004  TYPICAL SECTIONS  43-151-G-14-0
S-001 - S-009  SITE PLANS  43-151-G-15-0
P-001 - P-009  ROADWAY PROFILES  43-151-R-16-0
XS-001 - XS-009  ROADWAY CROSS SECTIONS  43-151-R-24-0
D-001 - D-005  CONSTRUCTION DETAILS  43-151-R-25-0
T-001 - T-006  CONTROL & MAINTENANCE OF TRAFFIC  43-151-R-29-0

NEW YORK STATE DEPARTMENT OF TRANSPORTATION
STANDARD DETAIL SHEETS REFERENCED & INCORPORATED HEREL:

<table>
<thead>
<tr>
<th>SHEET NUMBER</th>
<th>SHEET NAME</th>
</tr>
</thead>
<tbody>
<tr>
<td>608-01</td>
<td>SIDewalk CURB RAMP DETAILS</td>
</tr>
<tr>
<td>690-14</td>
<td>INSURANCE LOOP VEHICLE DETECTOR INSTALLATION DETAILS</td>
</tr>
<tr>
<td>695-01</td>
<td>PAVEMENT MARKING DETAILS</td>
</tr>
<tr>
<td>619-10</td>
<td>WORK ZONE TRAFFIC CONTROL GENERAL NOTES</td>
</tr>
<tr>
<td>619-11</td>
<td>WORK ZONE TRAFFIC CONTROL LEGEND &amp; NOTES</td>
</tr>
<tr>
<td>619-30</td>
<td>SINGLE LANE CLOSURE MULTI LANE HIGHWAY</td>
</tr>
<tr>
<td>619-51</td>
<td>CROSSWALK CLOSURE AND PEDESTRIAN DETOUR</td>
</tr>
<tr>
<td>619-61</td>
<td>FLAging OPERATION 2-LANE 2-WAY ROADWAY INTERSECTION</td>
</tr>
</tbody>
</table>

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION
DIVISION OF ENGINEERING

CONTRACT No. 20-510

REHABILITATION OF FARRAGUT AVENUE (C.R. #151)
FROM THE FENWY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK

DATE OF ISSUE: 01/13/2022
SHEET NO: 1 OF 35

43-151-T-12
GENERAL NOTES

1. CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND斧$ MATERIALS. ALL WORKMEN ARE TO BE EMPLOYED AT THEIR PROPER TRADES, AND MATERIALS AND WORKSHOPS MARY BE OF SUCH QUALITY AND FINISH AS TO MEET THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. PAY ITEMS SHALL BE IN ENGLISH UNITS AS INDIcATED IN THE CONTRACT DOCUMENTS.

2. THE CONTRACTOR IS TO COMPLY WITH THE NYS MUTCD, CODE OF LAWS OF THE STATE OF NEW YORK, AND ALL CUSTOMERS' SPECIFIC REQUIREMENTS. THE CONTRACTOR SHALL USE MATERIALS, STRUCTURES, AND WORKS WHICH ARE APPROPRIATE FOR THEIR RESPECTIVE APPLICATIONS ACCORDING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.

3. WORK PERFORMED WILL BE IN CONFORMITY TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES TO THE PUBLIC OR THE CONTRACTOR'S WORKSHOPS CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

4. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE EXISTING PUBLIC PROPERTY WHICH ARE NOT CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

5. THE CONTRACTOR SHALL PROTECT ITS WORKERS AT ALL TIMES IN CONFORMITY WITH APPLICABLE CONSTRUCTION REGULATIONS.

6. THE CONTRACTOR IS ADVISED THAT ADDITIONAL NOTES WILL BE FOUND ON PAGE BACK OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS. WORK PERFORMED WILL BE IN CONFORMITY TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

7. ACCESS TO ALL ACQUIRING FACILITIES SHALL BE MAINTAINED AT ALL TIMES.

MISCELLANEOUS

1. AREAS BEYOND THE WORK LIMITS DESIGNATED ON THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS, AND WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED, ARE NOT TO BE DISTURBED OR DISTURBED FOR ANY REASON, BY THE CONTRACTOR.

2. THE CONTRACTOR IS TO COMPLY WITH THE NYS MUTCD, CODE OF LAWS OF THE STATE OF NEW YORK, AND ALL CUSTOMERS' SPECIFIC REQUIREMENTS. THE CONTRACTOR SHALL USE MATERIALS, STRUCTURES, AND WORKSHOPS WHICH ARE APPROPRIATE FOR THEIR RESPECTIVE APPLICATIONS ACCORDING TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

3. WORK PERFORMED WILL BE IN CONFORMITY TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

4. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY DAMAGES TO THE EXISTING PUBLIC PROPERTY WHICH ARE NOT CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

5. THE CONTRACTOR SHALL PROTECT ITS WORKERS AT ALL TIMES IN CONFORMITY WITH APPLICABLE CONSTRUCTION REGULATIONS.

6. THE CONTRACTOR IS ADVISED THAT ADDITIONAL NOTES WILL BE FOUND ON PAGE BACK OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS. WORK PERFORMED WILL BE IN CONFORMITY TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

7. ACCESS TO ALL ACQUIRING FACILITIES SHALL BE MAINTAINED AT ALL TIMES.

PAVING AND MILLING

1. TANKS - IN ADDITION TO THE DEPOSITORY EQUIPMENT DESIGNED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS, THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

2. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

3. ADDITIONAL TANKS SHALL BE APPLIED TO CONTACT SURFACE RECREATIONAL LIMITS IN CONFORMITY WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, SPECIFICATIONS, STANDARDS, AND ALL APPLICABLE LAWS AND REGULATIONS.

4. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

5. WHERE PAVING MILLING IS USED, THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

6. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

RESIDENTIAL SERVICES

1. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

2. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

3. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

4. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

5. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

6. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

7. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

8. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

9. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

10. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

11. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

12. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

13. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

14. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

15. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

16. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

17. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

18. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

19. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

20. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

21. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

22. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

23. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

24. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

25. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

26. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

27. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

28. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

29. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

30. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

31. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

32. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

33. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

34. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

35. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

36. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

37. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

38. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

39. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

40. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

41. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

42. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

43. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

44. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

45. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

46. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

47. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

48. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

49. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

50. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.

51. THE CONTRACTOR SHALL INSTALL ADDITIONAL TANKS WHERE THE CONTRACTOR'S WORK IS TO BE PERFORMED.
### Table of Maintenance Jurisdiction

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Length</th>
<th>Width</th>
<th>General Features to be Maintained</th>
<th>Maintaining Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/3</td>
<td>Temporary Fill - Panel 1</td>
<td>150</td>
<td>30</td>
<td>2400</td>
<td>N.Y. Professional Engineer Lic. No 071267-1</td>
</tr>
<tr>
<td>2/3</td>
<td>Temporary Fill - Panel 2</td>
<td>150</td>
<td>30</td>
<td>2400</td>
<td>N.Y. Professional Engineer Lic. No 071267-1</td>
</tr>
<tr>
<td>3/3</td>
<td>Temporary Fill - Panel 3</td>
<td>150</td>
<td>30</td>
<td>2400</td>
<td>N.Y. Professional Engineer Lic. No 071267-1</td>
</tr>
</tbody>
</table>

### ESTIMATE OF QUANTITIES:

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Unit</th>
<th>Unit Words</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>201 08</td>
<td>CLEANING &amp; GRESHING</td>
<td>LS</td>
<td>Lump Sum</td>
<td>1</td>
</tr>
<tr>
<td>203 02</td>
<td>UNCLASSIFIED EXCAVATION AND DISPOSAL</td>
<td>CY</td>
<td>Calc Yard</td>
<td>100</td>
</tr>
<tr>
<td>204 01</td>
<td>CONTROL, DENSITY, SMOOTH</td>
<td>EA</td>
<td>Each</td>
<td>10</td>
</tr>
<tr>
<td>206 06</td>
<td>TEST PITS</td>
<td>EA</td>
<td>Each</td>
<td>21</td>
</tr>
<tr>
<td>207 100301</td>
<td>TEMPORARY SEDIMENT FILTER BAG FOR SWALE STRUCTURES</td>
<td>EA</td>
<td>Each</td>
<td>21</td>
</tr>
<tr>
<td>208 13</td>
<td>SILT ENFORCEMENT REGULATION</td>
<td>LF</td>
<td>Linear Foot</td>
<td>100</td>
</tr>
<tr>
<td>402 379094</td>
<td>2.5 FT TOP COURSE HOT MIX ASPHALT, 70 SERIES COMPACT</td>
<td>TON</td>
<td>Ton</td>
<td>2000</td>
</tr>
<tr>
<td>402 379095</td>
<td>1.5 FT TOP COURSE HOT MIX ASPHALT, 70 SERIES COMPACT</td>
<td>TON</td>
<td>Ton</td>
<td>450</td>
</tr>
<tr>
<td>402 379096</td>
<td>0.75 FT BASE COURSE HOT MIX ASPHALT, 70 SERIES COMPACT</td>
<td>TON</td>
<td>Ton</td>
<td>50</td>
</tr>
<tr>
<td>407 2102</td>
<td>DILUTED CADIZ COAT</td>
<td>Gallon</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>408 10</td>
<td>PRODUCTION COLD INLAYS OF BITUMINOUS CONCRETE</td>
<td>SF</td>
<td>Square Yard</td>
<td>21,000</td>
</tr>
<tr>
<td>504 521</td>
<td>REPAIR OF CATCH BASIN WALLS</td>
<td>LF</td>
<td>Linear Foot</td>
<td>2000</td>
</tr>
<tr>
<td>507 01</td>
<td>ADJUST CATCH BASINS AND MANHOLES FOR SWALE STRUCTURES</td>
<td>EA</td>
<td>Each</td>
<td>45</td>
</tr>
<tr>
<td>508 07</td>
<td>ADJUST CATCH BASINS AND MANHOLES FOR RESURFACING WORK</td>
<td>EA</td>
<td>Each</td>
<td>8</td>
</tr>
<tr>
<td>508 01</td>
<td>CONCRETE SIDEWALKS AND DRIVEWAYS</td>
<td>CY</td>
<td>Calc Yard</td>
<td>30</td>
</tr>
<tr>
<td>508 01</td>
<td>HOT MIX ASPHALT SIDEWALKS, 3 CURBWAYS</td>
<td>TON</td>
<td>Ton</td>
<td>25</td>
</tr>
<tr>
<td>609 039393</td>
<td>CURB, STONE AND CONCRETE BLOCK PAVEMENT</td>
<td>SF</td>
<td>Square Yard</td>
<td>30</td>
</tr>
<tr>
<td>609 04</td>
<td>CURB, EPOXY CEMENT MORTAR</td>
<td>SF</td>
<td>Square Yard</td>
<td>15</td>
</tr>
<tr>
<td>609 04</td>
<td>CURB, IN-PLACE CONCRETE CURB (AS DETABBED)</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>615 01</td>
<td>TURF INSTALLATION, RESEEDING</td>
<td>SF</td>
<td>Square Yard</td>
<td>500</td>
</tr>
<tr>
<td>611 0181</td>
<td>PLANTING - MAJOR DECIDUOUS TREES / 2 1/2 INCH CALIPER</td>
<td>EA</td>
<td>Each</td>
<td>7</td>
</tr>
<tr>
<td>614 0002</td>
<td>TREE REMOVAL, OVER 4 INCHES TO 6 INCHES DIA - STumps CUT FLUSH</td>
<td>EA</td>
<td>Each</td>
<td>3</td>
</tr>
<tr>
<td>614 00021</td>
<td>TREE REMOVAL OVER 6 INCHES DIA. - STUMPS CUT FLUSH</td>
<td>EA</td>
<td>Each</td>
<td>3</td>
</tr>
<tr>
<td>618 01</td>
<td>CLEANING, SEWER, DRAIN AND CULVERT</td>
<td>LS</td>
<td>Linear Foot</td>
<td>50</td>
</tr>
<tr>
<td>618 04</td>
<td>TYPE E CONSTRUCTION GASKETIZING</td>
<td>EA</td>
<td>Each</td>
<td>32</td>
</tr>
<tr>
<td>501 00035</td>
<td>EXCAVATION, DREDGED MATERIAL</td>
<td>LF</td>
<td>Linear Foot</td>
<td>1000</td>
</tr>
<tr>
<td>601 07</td>
<td>CLEANING, DREDGED, CONCRETE SYSTEMS</td>
<td>EA</td>
<td>Each</td>
<td>21</td>
</tr>
<tr>
<td>607 02</td>
<td>FULL DEPTH SAWCUTTING OF ASPHALT CONCRETE PAVEMENT</td>
<td>LF</td>
<td>Linear Foot</td>
<td>800</td>
</tr>
<tr>
<td>607 04</td>
<td>FULL DEPTH SAWCUTTING OF COMPOSITE PAVEMENT</td>
<td>LF</td>
<td>Linear Foot</td>
<td>2000</td>
</tr>
<tr>
<td>608 13</td>
<td>CLEANING, SEALING, AND FILLING JOINTS</td>
<td>LF</td>
<td>Linear Foot</td>
<td>1000</td>
</tr>
<tr>
<td>608 15</td>
<td>REMOVAL AND REPAIR OF LOOSE, BUBBLED, OR SPLIT EDGES</td>
<td>LF</td>
<td>Linear Foot</td>
<td>800</td>
</tr>
<tr>
<td>645 000001</td>
<td>HIGH VISIBILITY GROUND MOUNTED SIGN PANEL</td>
<td>SF</td>
<td>Square Yard</td>
<td>100</td>
</tr>
<tr>
<td>645 82</td>
<td>TYPE 4 SIGN POST</td>
<td>SF</td>
<td>Square Yard</td>
<td>425</td>
</tr>
<tr>
<td>645 100203</td>
<td>RETROREFLECTIVE SIGN POST STRAP</td>
<td>EA</td>
<td>Each</td>
<td>40</td>
</tr>
<tr>
<td>692 01</td>
<td>REMOVAL AND INDICATE SIGN PANEL, SIGN BASE, ASSEMBLY, SIZE - 36&quot; X 36&quot; (32 SQUARE FEET)</td>
<td>EA</td>
<td>Each</td>
<td>10</td>
</tr>
<tr>
<td>960 01</td>
<td>FRAME AND HINGES WITH CURB BOX</td>
<td>EA</td>
<td>Each</td>
<td>20</td>
</tr>
<tr>
<td>960 01</td>
<td>REPLACE WATER VALVE BOXES</td>
<td>EA</td>
<td>Each</td>
<td>12</td>
</tr>
<tr>
<td>960 01</td>
<td>ADJUST GAS VALVE BOXES</td>
<td>EA</td>
<td>Each</td>
<td>17</td>
</tr>
<tr>
<td>960 01</td>
<td>IN-TERM ELECTRIC WIRING FOR RESURFACING</td>
<td>EA</td>
<td>Each</td>
<td>2</td>
</tr>
<tr>
<td>960 01</td>
<td>INSTALL TELEPHONE WIRING FOR RESURFACING</td>
<td>EA</td>
<td>Each</td>
<td>2</td>
</tr>
<tr>
<td>66 54</td>
<td>INDUCTANCE LOOP INSTALLATION</td>
<td>LF</td>
<td>Linear Foot</td>
<td>450</td>
</tr>
<tr>
<td>66 77</td>
<td>SPALING LAVENES</td>
<td>LF</td>
<td>Linear Foot</td>
<td>1000</td>
</tr>
<tr>
<td>66 12</td>
<td>INDUCTANCE LOOP WIRE</td>
<td>LF</td>
<td>Linear Foot</td>
<td>1000</td>
</tr>
<tr>
<td>685 020103</td>
<td>WASTE DUMP REFLECTED SPECIFICATION PAVEMENT - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES - LF WEAR</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>685 020101</td>
<td>WASTE DUMP REFLECTED SPECIFICATION SYMBOLS - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>685 020101</td>
<td>WASTE DUMP REFLECTED SPECIFICATION SYMBOLS, SPECIAL MARKINGS - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES - 16 INCH CROSSHATCHING &amp; 10 STOP BARS</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>685 020101</td>
<td>WASTE DUMP REFLECTED SPECIFICATION PAVEMENT - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES - 4 WEAR</td>
<td>LF</td>
<td>Linear Foot</td>
<td>7500</td>
</tr>
<tr>
<td>685 020101</td>
<td>WASTE DUMP REFLECTED SPECIFICATION PAVEMENT - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES - 20 INCH CROSSHATCHING, 1/4 MILD-20 MILD THICK (NIGHT VISIBILITY SPHERES)</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>685 020101</td>
<td>WASTE DUMP REFLECTED SPECIFICATION PAVEMENT - 25 MILD-WEIGHT NIGHT VISIBILITY SPHERES - 10 INCH CROSSHATCHING, 1/2 MILD-10 MILD THICK (NIGHT VISIBILITY SPHERES)</td>
<td>LF</td>
<td>Linear Foot</td>
<td>500</td>
</tr>
<tr>
<td>684 04</td>
<td>ASPHALT FINISH ADJUSTMENT</td>
<td>C/D</td>
<td>Doler Cent</td>
<td>10,900</td>
</tr>
<tr>
<td>684 04</td>
<td>CONTRACT BONDS AND INSURANCE</td>
<td>C/D</td>
<td>Doler Cent</td>
<td>75,500</td>
</tr>
<tr>
<td>680 00</td>
<td>MISCELLANEOUS ADDITIONAL WORK</td>
<td>C/D</td>
<td>Doler Cent</td>
<td>19,800</td>
</tr>
</tbody>
</table>

**TOTAL MANHOLE MILEAGE:** 3.5

**TOTAL MILEAGE:** 1000

**TOTAL HOURS:** 500

**TOTAL FUNDING:** $750,000
EXISTING SECTION STA 00+00 TO STA 3+30

EXISTING SECTION STA 3+30 TO STA 15+00

EXISTING SECTION STA 15+00 TO STA 27+50

EXISTING SECTION STA 27+50 TO STA 38+50

PROPOSED SECTION STA 00+00 TO STA 3+30

PROPOSED SECTION STA 3+30 TO STA 15+00

PROPOSED SECTION STA 15+00 TO STA 27+50

PROPOSED SECTION STA 27+50 TO STA 38+50
TABLE OF CONTENTS

1. **SITE PLAN - STA. 18+00 TO 24+00**

2. **MATCH LINE SHEET S-103**

3. **MATCH LINE SHEET S-106**

4. **CONSTRUCTION NOTES**

   - Horizontal datum is North American Datum of 1983, NAD83; New York East Zone 3101.
   - Plans, profiles, and typical sections are shown in accordance with Field Data by Pennsylvania Department of Transportation.
   - The roadway line with cross sections is depicted herein and derives primarily from the map information used. Lines and subject to change in accordance with such facts as an accurate survey and on the basis of the requirements for the project or contracts may disclose.
   - A detailed plan is intended.

5. **PLAN**

   - SCALE: 1" = 20'

6. **NOTES**

   - 1. All basins and selected drainage pipes (as directed by the engineer) within the project limits are to be cleaned. Payment under Item 152 of PM 102.01.
   - 2. Sawcut existing bituminous concrete pavement to be directed by the engineer per the specifications.
   - 3. Planimetric and topographic features shown hereon have been drawn in accordance with field survey performed by Mott MacDonald on or about June 10, 2020.
   - 4. Standard PG binder Grade 64E-22 to be utilized for asphalt mix.
   - 5. General cleaning of existing pavement/shoulders after milling is included in milling item, as per the specifications.

7. **LEGAL DESCRIPTION**

   - **SITE PLAN - STA. 18+00 TO 24+00**

8. **REHABILITATION OF FARRAGUT AVENUE (C.R #151)**

   - From the Feeder to Broadway
   - Village of Hastings-on-Hudson, New York
   - Site plan: DTA, 1200 to 3000

9. **CONTRACT**

   - WV

10. **Uploaded by:**

    - VSU #18

11. **Sheet No. of Contract:**

    - 1

12. **Number of Sheets:**

    - 11

13. **Date:**

    - 01/04/2022

14. **In Charge Of:**

    - John K. Ruschke, PE

15. **Made By:**

    - Village of Hastings-on-Hudson, New York

16. **DPW File No.:**

    - Daniel Honoshowky, PE

17. **Rehabilitation of Farragut Avenue (C.R #151)**

   - From the Feeder to Broadway
   - Village of Hastings-on-Hudson, New York
   - Site plan: DTA, 1200 to 3000

18. **Construction Notes:**

    - 3. Planimetric and topographic features shown in accordance with field data by Pennsylvania Department of Transportation.
    - 4. The roadway line with cross sections is depicted herein and derives primarily from the map information used. Lines and subject to change in accordance with such facts as an accurate survey and on the basis of the requirements for the project or contracts may disclose.
    - 5. A detailed plan is intended.
SCHEDULE OF PROPOSED SIGNAGE:

<table>
<thead>
<tr>
<th>Sign</th>
<th>MUTCD Designation</th>
<th>Size</th>
<th>Number of Signs</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>W4-1</td>
<td></td>
<td>36&quot; x 36&quot;</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>W11-1</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>W11-3(L)</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>13</td>
<td></td>
</tr>
<tr>
<td>W11-2(R)</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>W16-6P</td>
<td></td>
<td>24&quot; x 12&quot;</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>W16-7P</td>
<td></td>
<td>24&quot; x 12&quot;</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>R10-5</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>S1-15</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>S1-1(R)</td>
<td></td>
<td>30&quot; x 30&quot;</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>NY05-22P</td>
<td></td>
<td>24&quot; x 18&quot;</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: SIGN DIMENSIONS ARE AS SHOWN ON PLAN SHEETS.

LEGEND:
- TELEPHONE STRUCTURE
- FIRE HYDRANT
- TRAFFIC LIGHT
- UTILITY POLE
- WATER PIPE
- GAS PIPE
- ELECTRIC WIRE
- NON ELECTRIC WIRE
- INDUCTANCE LOOP INSTALLATION (TERM.G5-32)
- INDUCTANCE LOOP WIRE (TERM.G5-12)

REHABILITATION OF FARRAGUT AVENUE (SR 151)
FROM THE FENWYK TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
SHEET PLAN - LOOP DETECTOR PLAN

Scale: 1" = 20'

Loop detector plan: Farragut Avenue & Broadway Intersection

Traffic Signal Notes:
1. All work shall be done in accordance with the latest Westchester County Department of Public Works requirements and with the latest New York State Construction Details and Standard Details.
2. The contractor shall verify the location of all underground and overhead utilities and notify the owner of any conflicts prior to the start of construction.
3. The contractor shall do test holes to verify the location of the existing traffic signal conduit and other utilities prior to excavation.
4. Traffic signal loop detectors shall be centered in their respective lanes and spaced 8 ft apart unless otherwise indicated. The traffic signal loop detectors shall be wired in parallel, as shown on the plan.
5. The contractor shall restore all disturbed areas (curb, sidewalk, asphalt, gutter, sod, etc.) in-kind.
6. The contractor shall repair and/or replace any damaged or inoperable signal equipment to the satisfaction of the engineer.
7. The contractor shall remove any and all pavement markings that conflict with the proposed pavement markings.
8. Contractor to obtain road opening permit from municipality if required for installation along a roadway lane.
### Baseline Alignment Data

<table>
<thead>
<tr>
<th>Point</th>
<th>Station</th>
<th>Northing</th>
<th>Easting</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPTT</td>
<td>000.00</td>
<td>787388.647</td>
<td>665879.546</td>
</tr>
<tr>
<td>P1</td>
<td>0513.50</td>
<td>787788.677</td>
<td>665899.066</td>
</tr>
<tr>
<td>P2</td>
<td>1713.20</td>
<td>787378.277</td>
<td>665889.265</td>
</tr>
<tr>
<td>P3</td>
<td>0913.50</td>
<td>787487.429</td>
<td>665839.289</td>
</tr>
<tr>
<td>P4</td>
<td>0013.50</td>
<td>787486.706</td>
<td>665839.276</td>
</tr>
<tr>
<td>P5</td>
<td>1713.50</td>
<td>787378.152</td>
<td>665839.214</td>
</tr>
<tr>
<td>P6</td>
<td>1712.70</td>
<td>787398.453</td>
<td>665840.625</td>
</tr>
<tr>
<td>P7</td>
<td>0512.70</td>
<td>787496.523</td>
<td>665879.833</td>
</tr>
<tr>
<td>P8</td>
<td>1012.05</td>
<td>787466.744</td>
<td>665879.386</td>
</tr>
<tr>
<td>P9</td>
<td>1710.20</td>
<td>787456.778</td>
<td>665879.705</td>
</tr>
<tr>
<td>P10</td>
<td>1910.50</td>
<td>787435.138</td>
<td>665880.530</td>
</tr>
<tr>
<td>P11</td>
<td>2210.50</td>
<td>787417.908</td>
<td>665881.303</td>
</tr>
<tr>
<td>P12</td>
<td>2213.20</td>
<td>787397.518</td>
<td>665881.768</td>
</tr>
<tr>
<td>P13</td>
<td>2813.50</td>
<td>787365.437</td>
<td>665881.769</td>
</tr>
<tr>
<td>P14</td>
<td>2813.40</td>
<td>787345.441</td>
<td>665881.505</td>
</tr>
<tr>
<td>P15</td>
<td>2713.60</td>
<td>787345.971</td>
<td>665881.730</td>
</tr>
<tr>
<td>P16</td>
<td>2813.60</td>
<td>787355.653</td>
<td>665881.848</td>
</tr>
<tr>
<td>P17</td>
<td>2813.60</td>
<td>787325.178</td>
<td>665881.976</td>
</tr>
<tr>
<td>P18</td>
<td>2813.60</td>
<td>787295.752</td>
<td>665881.961</td>
</tr>
<tr>
<td>EP</td>
<td>3848.72</td>
<td>785919.813</td>
<td>664009.866</td>
</tr>
</tbody>
</table>

### Baseline Curve Data

<table>
<thead>
<tr>
<th>Curve Number</th>
<th>Delta</th>
<th>Radius</th>
<th>Length</th>
<th>Tangent</th>
</tr>
</thead>
<tbody>
<tr>
<td>C-1</td>
<td>1°26'14&quot;</td>
<td>3000'</td>
<td>75.25'</td>
<td>789909.767</td>
</tr>
<tr>
<td>C-2</td>
<td>5°47'58&quot;</td>
<td>2866.30'</td>
<td>175.49'</td>
<td>785328.847</td>
</tr>
<tr>
<td>C-3</td>
<td>17°24'39&quot;</td>
<td>1760.00'</td>
<td>269.49'</td>
<td>786035.823</td>
</tr>
<tr>
<td>C-4</td>
<td>31°29'12&quot;</td>
<td>3100.00'</td>
<td>175.67'</td>
<td>785467.905</td>
</tr>
<tr>
<td>C-5</td>
<td>317°07'28&quot;</td>
<td>600.00'</td>
<td>63.72'</td>
<td>785831.385</td>
</tr>
<tr>
<td>C-6</td>
<td>17°56'24&quot;</td>
<td>500.00'</td>
<td>78.92'</td>
<td>785633.590</td>
</tr>
</tbody>
</table>
FARRAGUT AVENUE CONSTRUCTION BASELINE PROFILE

VERTICAL SCALE: 1"=20'
HORIZONTAL SCALE: 1"=20'

Diagram showing the construction baseline profile for Farragut Avenue from STA 12+00 to 18+00 with various grades and elevations indicated.
Cross Sections - STA. 6+00 to 11+00

Rehabilitation of Farragut Avenue (CR #151)

From the Fenway to Broadway
Village of Hastings-on-Hudson, New York

XS-102
43-151-R-31
01/04/2022

CONSULTANT SEAL

INFORMATION

N.Y. Professional Engineer Lic. No 071267-1

JOHN K. RUSCHKE
REHABILITATION OF FARRAGUT AVENUE (CR #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
CROSS SECTIONS - STA. 12+00 TO 14+00

CONSULTANT SEAL

N.Y. Professional Engineer Lic. No 071267-1

CONSULTANT INFORMATION

M M

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
CONSTRUCTION DETAILS

ROADWAY SURFACE
ASPHALT DRIVEWAY APRON ADJACENT TO CURB - ITEM 608.020101

NOT TO SCALE

DEPRESSED CONCRETE CURB - CURB SECTION - ITEM 609.04

NOT TO SCALE

DEPRESSED CONCRETE CURB - CURB ELEVATION - ITEM 609.04

NOT TO SCALE

TYPICAL SIDEWALK CROSS SECTION CURBED
WITHOUT BUFFER ZONE

NOT TO SCALE
TEMPORARY CATCH BASIN INSERT - ITEM 209.11010011

NOTE: LONGITUDINAL CROSSWALK LINES ARE TO BE PARALLEL TO LANE LANES.
PAY ITEMS (TYP. FOR ALL CURB RAMPS):

- CAST-IN-PLACE CONCRETE CURB - ITEM 609.04
- CONCRETE SIDEWALK - ITEM 608.0101
- EMBEDDED DETECTABLE WARNING SURFACE - ITEM 608.21
- UNCLASSIFIED EXCAVATION AND DISPOSAL - ITEM 203.02
REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
WORK ZONE TRAFFIC CONTROL GENERAL NOTES

WORK ZONE TRAFFIC CONTROL

1. The contractor shall maintain a minimum of 100 feet of traffic control between construction operations and the traffic lanes of the roadway, unless otherwise approved by the engineer.

2. Any existing signs, including permanent signs, that conflict with the temporary traffic control plan shall be removed. Temporary street signs are to be removed by the contractor and all temporary signs shall be returned to their original condition and location unless otherwise approved by the engineer.

3. Signs at all new intersections shall be placed so that they do not obstruct a motorist’s view of the intersection.

4. All traffic signs and signals shall be posted on both sides of the work area.

5. No work zone shall be worked on without a signed work permit issued by the Department of Public Works.

6. The contractor shall ensure that all signs and signals are clearly visible to the public.

7. The contractor shall maintain all temporary signs and signals that are to be placed on the roadway.

8. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are properly maintained.

9. The contractor shall maintain all temporary signs and signals that are to be placed on the roadway in a manner that ensures they are visible to the public.

10. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

11. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

12. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

13. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

14. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

15. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

16. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

17. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

18. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

19. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.

20. The contractor shall ensure that all temporary signs and signals that are to be placed on the roadway are removed at the end of each workday.
REHABILITATION OF FARRAGUT AVENUE (C.R #151) FROM THE FENWAY TO BROADWAY VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK WORK ZONE TRAFFIC CONTROL DETAILS

CONSULTANT SEAL
N.Y. Professional Engineer Lic. No 071267-1
JOHN K. RUSCHKE

INFORMATION
REHABILITATION OF FARRAGUT AVENUE (C.R #151)
FROM THE FENWAY TO BROADWAY
VILLAGE OF HASTINGS-ON-HUDSON, NEW YORK
WORK ZONE TRAFFIC CONTROL DETAILS

T-004

43-151-R-44

AS NOTED
01/04/2022

JOHN K. RUSCHKE, PE
DANIEL HONOSHOWSKY, PE
SAMANTHA J. ANELLO, PE

CONSULTANT SEAL
N.Y. Professional Engineer Lic. No 071267-1
JOHN K. RUSCHKE