



PIPE SEGMENT FLOW DIRECTION



NOTES:

1. REFERENCE GENERAL NOTES ON SHEET C0.2.
2. SCAN THE PROVIDED QR CODE FOR GOOGLE MAP DIRECTIONS TO THE MOST UPSTREAM ACCESS STRUCTURE.
3. THE DEFLECTION ANGLES SHOWN ON THE PLANS ARE APPROXIMATE AND REFERENCE THE PROJECTED PATH OF THE ADJACENT UPSTREAM PIPE SEGMENT.
4. THE TOTALS BELOW ASSUME THAT THE CONTRACTOR WILL LINE THROUGH AS MANY CONSECUTIVE DOWNSTREAM STRUCTURES AS POSSIBLE FOR EACH LINER INSTEAD OF INDIVIDUALLY LINING EACH PIPE SEGMENT.
5. CONTRACTOR IS TO FIELD VERIFY THE LOCATION, DIMENSIONS, AND CONDITIONS OF ALL PIPE SEGMENTS AND STRUCTURES. CONTRACTOR SHALL INSPECT AND CLEAN THE INTERIOR OF THE EXISTING HOST PIPES PRIOR TO INSTALLATION OF THE LINER.
6. CONTRACTOR IS TO COORDINATE INSTALLATION PLAN AND STRUCTURE ACCESS WITH THE CITY. CONTRACTOR SHALL FURNISH A DETAILED TRAFFIC CONTROL PLAN IF STREETS MUST BE CLOSED TO TRAFFIC DUE TO THE LOCATION OF ACCESS POINTS.



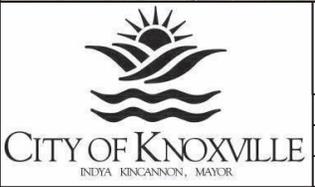
SITE-SPECIFIC ITEM TOTALS:

- REFERENCE STANDARD INSTALLATION ITEMS LISTED ON SHEET C0.2 IN ADDITION TO SITE-SPECIFIC ITEMS BELOW.
- 1.14(A-B): 113 LF 15" CMP PIPE - MIN. 8 MM WATER CURED CIPP LINER
- 1.14(B-C): 209 LF 18" CMP PIPE - MIN. 9.5 MM WATER CURED CIPP LINER
- 1.14(D-C): 64 LF 15" CMP PIPE - MIN. 8 MM WATER CURED CIPP LINER
- 1.14(C-F): 442 LF 24" CMP PIPE - MIN. 15.5 MM WATER CURED CIPP LINER
- 2 X INTERIOR STRUCTURE RECONNECTION CUTS AT THE MANHOLE/WALL INTERFACE (E).
- 10 X HYDROPHILIC END SEALS
- TRAFFIC CONTROL

LEGEND:

| | |
|--|---------------------|
| | MANHOLE |
| | GRATE/ AREA INLET |
| | COMBINATION INLET |
| | BLIND JUNCTION |
| | OPEN END PIPE |
| | EXISTING STORM PIPE |
| | CIPP LINING |
| | CIPP / GEOPOLYMER |

THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES.
 Date
ENGINEER OF RECORD
 Engineer Name, P.E.
 STATE: State
 REGISTRATION #: Number

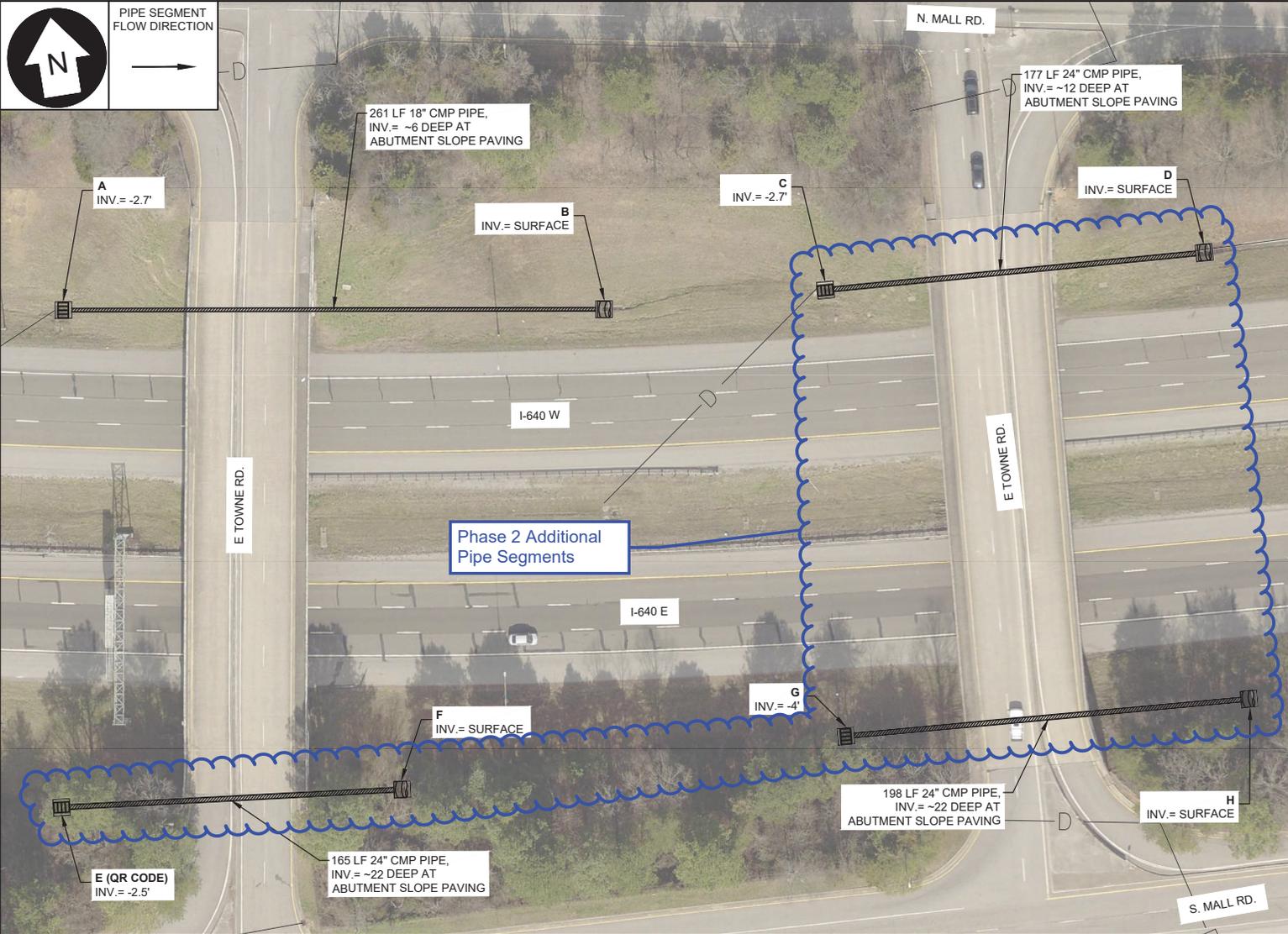


CONSTRUCTION PLANS
 CIPP IV STORMWATER INFRASTRUCTURE REHABILITATION
 CITY OF KNOXVILLE, TN

| | | |
|------------------------|---|----------------------------|
| PROJECT NO.: SW2022-02 | 1.14 REHAB AREA ADDRESS: MERCHANTS CENTER BLVD., KNOXVILLE, TN | 0 65 130 Feet |
| DRAWN BY: JMB | | |
| DATE: 05/19/2022 | | |

SSR Smith Seckman Reid, Inc.

2995 SIDCO DRIVE, NASHVILLE, TENNESSEE 37204
 TEL: (615)-373-1113 · FAX: (615)-386-8469 · WWW.SSR-INC.COM



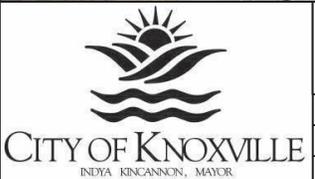
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- SITE-SPECIFIC ITEM TOTALS:**
- REFERENCE STANDARD INSTALLATION ITEMS LISTED ON SHEET C0.2 IN ADDITION TO SITE-SPECIFIC ITEMS BELOW.
 - 3.6(A-B): 261 LF 18" CMP PIPE - MIN. 16.5 MM WATER CURED CIPP LINER
 - 3.6(C-D): 177 LF 24" CMP PIPE - MIN. 26.5 MM WATER CURED CIPP LINER
 - 3.6(E-F): 165 LF 24" CMP PIPE - MIN. 26.5 MM WATER CURED CIPP LINER
 - 3.6(G-H): 198 LF 24" CMP PIPE - MIN. 26.5 MM WATER CURED CIPP LINER
 - 8 X HYDROPHILIC END SEALS

LEGEND:

| | |
|--|---------------------|
| | MANHOLE |
| | GRATE/ AREA INLET |
| | COMBINATION INLET |
| | BLIND JUNCTION |
| | OPEN END PIPE |
| | EXISTING STORM PIPE |
| | CIPP LINING |
| | CIPP / GEOPOLYMER |

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CONSTRUCTION PLANS
CIPP IV STORMWATER INFRASTRUCTURE REHABILITATION
 CITY OF KNOXVILLE, TN

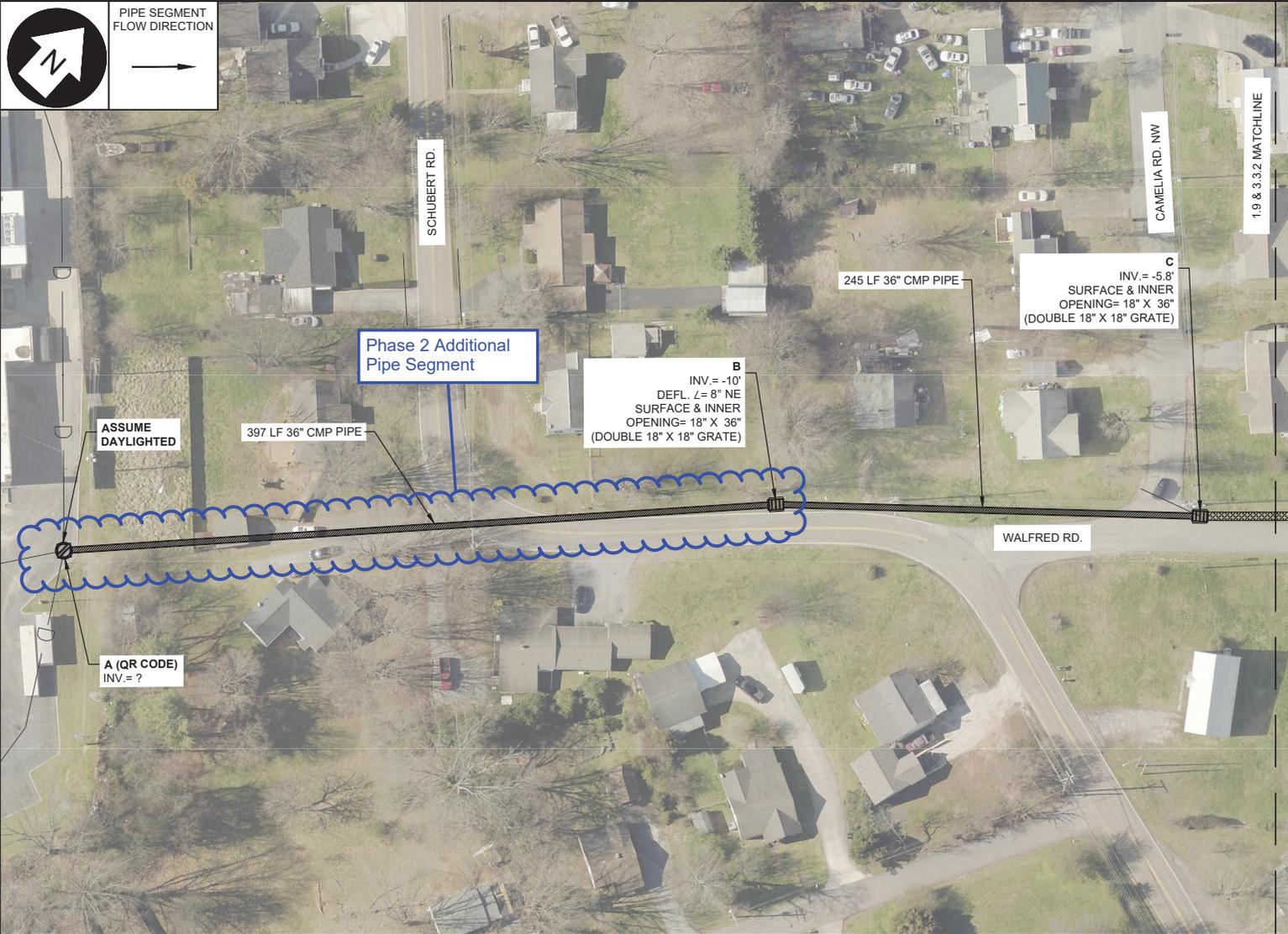
| | |
|------------------------|---|
| PROJECT NO.: SW2022-02 | 3.6 REHAB AREA ADDRESS: I-640 & E. TOWN RD., KNOXVILLE, TN |
| DRAWN BY: JMB | |
| DATE: 05/19/2022 | |

0 50 100 Feet

2995 SIDCO DRIVE, NASHVILLE, TENNESSEE 37204
 TEL: (615)-373-1113 · FAX: (615)-386-8469 · WWW.SSR-INC.COM



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FLOW DIRECTION



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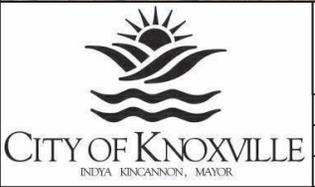
SITE-SPECIFIC ITEM TOTALS:

- REFERENCE STANDARD INSTALLATION ITEMS LISTED ON SHEET C0.2 IN ADDITION TO SITE-SPECIFIC ITEMS BELOW.
- 3.3(A-B): 397 LF 36" CMP PIPE - MIN. 19.5 MM WATER CURED CIPP LINER
- 1.9(B-C): 245 LF 36" CMP PIPE - MIN. 19.5 MM WATER CURED CIPP LINER
- 4 X HYDROPHILIC END SEALS
- RIGHT-OF-ENTRY DOCUMENT & TEMPORARY CONSTRUCTION EASEMENT

LEGEND:

| | |
|--|---------------------|
| | MANHOLE |
| | GRATE/ AREA INLET |
| | COMBINATION INLET |
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 CITY OF KNOXVILLE, TN

PROJECT NO.: SW2022-02
 DRAWN BY: JMB
 DATE: 05/19/2022

1.9-3.3.1 REHAB AREA ADDRESS: 5101 CAMELIA RD., KNOXVILLE, TN

0 60 120 Feet

2995 SIDCO DRIVE, NASHVILLE, TENNESSEE 37204
 TEL: (615)-373-1113 · FAX: (615)-386-8469 · WWW.SSR-INC.COM