WKST1

COMPUTED BY: RBR DATE: 6/15/2018

CHECKED BY: ECOLOGICAL ENGINEERING, LLP DATE: 6/15/2018

| PROJECT NO. | SHEET NO. |
|---|---|
| U-4405 | 3D-29 |

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
## DIVISION OF HIGHWAYS

**Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".**

## *LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)*

| LINE & STATION | OFFSET | | STRUCTURE NUMBER FROM | STRUCTURE NUMBER TO | TOP ELEVATION FT. | INVERT ELEVATION FT. | INVERT ELEVATION FT. | MINIMUM REQUIRED SLOPE % |
|---|---|---|---|---|---|---|---|---|
| RPB 28+24 | 48 | RT | 3116 | | 205.2 | | | |
| | | | 3116 | 3115 | | 200.5 | 200.4 | |
| RPB 30+15 | 115 | RT | 3117 | | 206.0 | | | |
| | | | 3117 | 3116 | | 202.8 | 200.5 | 0.9 |
| RPB 30+61 | 23 | RT | 3118 | | 223.6 | | | |
| | | | 3118 | 3119 | | 219.0 | 206.7 | |
| RPB 30+50 | 33 | RT | 3120 | | 221.8 | | | |
| | | | 3120 | 3118 | | 219.1 | 219.0 | |
| RPB 30+50 | 70 | RT | 3121 | | 206.6 | | | |
| | | | 3121 | 3117 | | 203.6 | 202.8 | 1.6 |
| RPB 20+00 | 39 | LT | 3122 | | 216.3 | | | |
| | | | 3122 | 3103 | | 213.3 | 213.0 | |
| L 219+99 | 40 | RT | 2005 | 2006 | | | | |
| L 219+98 | 38 | LT | 2003 | 2002 | | | | |
| RPB 30+61 | 35 | RT | 0000 | | | | | |
| RPB 30+61 | 54 | RT | 0000 | | | | | |
| RPB 19+50 | 31 | RT | 0000 | | | | | |
| RPB 19+50 | 47 | RT | 0000 | | | | | |
| RPB 17+29 | 49 | RT | 0000 | | | | | |
| RPB 17+29 | 49 | RT | 0000 | | | | | |
| L 196+10 | 51 | LT | 0000 | | | | | |
| L 197+12 | 47 | LT | 0000 | | | | | |
| L 201+48 | 5 | LT | 0000 | | | | | |
| L 202+56 | 38 | RT | 0000 | | | | | |
| L 203+73 | 35 | LT | 0000 | | | | | |
| RPB 27+40 | 106 | RT | 0000 | | | | | |
| L 214+67 | 49 | RT | 0000 | | | | | |
| L 225+72 | 70 | RT | 0000 | | | | | |
| L 225+85 | 70 | RT | 0000 | | | | | |
| RPB 27+64 | 51 | RT | 0000 | | | | | |
| L 203+67 | 3 | RT | 0000 | | | | | |
| L 205+16 | 40 | RT | 0000 | | | | | |
| L 206+11 | 61 | RT | 0000 | | | | | |
| L 211+38 | 1 | RT | 0000 | | | | | |
| L 209+08 | 40 | RT | 0000 | | | | | |
| L 211+88 | 41 | RT | 0000 | | | | | |
| L 212+15 | 54 | RT | 0000 | | | | | |
| L 217+21 | 42 | LT | 0000 | | | | | |
| L 217+05 | 38 | LT | 0000 | | | | | |
| L 218+22 | 46 | LT | 0000 | | | | | |
| L 171+73 | 41 | LT | 0000 | | | | | |
| L 173+13 | 36 | LT | 0000 | | | | | |
| L 172+75 | 38 | RT | 0000 | | | | | |
| L 173+28 | 48 | RT | 0000 | | | | | |
| L 222+17 | 37 | LT | 0000 | | | | | |
| L 221+38 | 50 | RT | 0000 | | | | | |
| L 223+60 | 31 | RT | 0000 | | | | | |
| L 225+75 | 52 | RT | 0000 | | | | | |
| L 225+82 | 52 | RT | 0000 | | | | | |
| L 225+90 | 31 | RT | 0000 | | | | | |

| LINE & STATION | FROM | TO | Drainage Pipe (RCP, CSP, CAAP, HDPE, or PVC) | | | | | | | | | | | | | C. S. PIPE | | | | R. C. PIPE CLASS III | | | R. C. PIPE CLASS IV | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | | | 12 | 15 | 18 | 24 | 30 | 36 | 42 | 48 | | | | | | 12 | 15 | 18 | | 12 | 15 | 48 | 12 | 15 | 18 | 24 | 30 | 36 | 42 | 48 |
| THICKNESS OR GAUGE | | | | | | | | | | | DO NOT USE RCP | DO NOT USE CSP | DO NOT USE CAAP | DO NOT USE HDPE | DO NOT USE PVC | .064 | .064 | .064 | | | | | | | | | | | | |
| RPB 28+24 | 3116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3116 | 3115 | | | | | | | | | | | | | | | | | | | | | | | | 48 | | | | |
| RPB 30+15 | 3117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3117 | 3116 | | | | | | | | | | | | | | | | | | | | | | | 192 | | | | | |
| RPB 30+61 | 3118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3118 | 3119 | | 48 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3120 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3120 | 3118 | | 16 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3121 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3121 | 3117 | | | | | | | | | | | | | | | | | | | | | | 56 | | | | | | |
| RPB 20+00 | 3122 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3122 | 3103 | | | 48 | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 219+99 | 2005 | 2006 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | |
| L 219+98 | 2003 | 2002 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 196+10 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 197+12 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 201+48 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 202+56 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 203+73 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 27+40 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 214+67 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+72 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+85 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 27+64 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 203+67 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 205+16 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 206+11 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 211+38 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 209+08 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 211+88 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 212+15 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 217+21 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 217+05 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 218+22 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 171+73 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 173+13 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 172+75 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 173+28 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 222+17 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 221+38 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 223+60 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+75 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+82 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+90 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | | | 64 | 48 | | | | | | | | | | | | | | | | | | 16 | 56 | 192 | 48 | | | | |

QUANTITIES FOR DRAINAGE STRUCTURES — NOTE: TOTAL LIN. FT. FOR PAY QUANTITY SHALL BE A + (1.3 X B)

| LINE & STATION | FROM | TO | 30" WELDED STEEL PIPE 0.5" THICK, GRADE B IN SOIL | 30" WELDED STEEL PIPE 0.5" THICK, GRADE B NOT IN SOIL | 36" WELDED STEEL PIPE 0.5" THICK, GRADE B IN SOIL | 36" WELDED STEEL PIPE 0.5" THICK, GRADE B NOT IN SOIL | 15" SIDE DRAIN PIPE | ENDWALLS STD. 838.01 OR STD. 838.11 (UNLESS NOTED OTHERWISE) CY | 0' THRU 5' EACH | A 5' THRU 10' LIN. FT. | B 10' AND ABOVE LIN. FT. | C.B. STD. 840.01 OR STD. 840.02 | FRAME, GRATES, AND HOOD STD. 840.03 GRATE TYPE E | F | G | | CONCRETE TRANSITIONAL SECTION D.I. STD. 852.04 OR STD. 852.06 | C.B. STD. 852.05 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RPB 28+24 | 3116 | | | | | | | | 1 | | | 1 | 1 | | | | | |
| | 3116 | 3115 | | | | | | | | | | | | | | | | |
| RPB 30+15 | 3117 | | | | | | | | 1 | | | 1 | | 1 | | | | |
| | 3117 | 3116 | | | | | | | | | | | | | | | | |
| RPB 30+61 | 3118 | | | | | | | | 1 | | | | | | | | | |
| | 3118 | 3119 | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3120 | | | | | | | | 1 | | | | | | | | | |
| | 3120 | 3118 | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3121 | | | | | | | | 1 | | | | | | | | | |
| | 3121 | 3117 | | | | | | | | | | | | | | | | |
| RPB 20+00 | 3122 | | | | | | | | 1 | | | | | | | | | |
| | 3122 | 3103 | | | | | | | | | | | | | | | | |
| L 219+99 | 2005 | 2006 | | | | | | | | | | | | | | | | |
| L 219+98 | 2003 | 2002 | | | | | | | | | | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | |
| L 196+10 | 0000 | | | | | | | | | | | | | | | | | |
| L 197+12 | 0000 | | | | | | | | | | | | | | | | | |
| L 201+48 | 0000 | | | | | | | | | | | | | | | | | |
| L 202+56 | 0000 | | | | | | | | | | | | | | | | | |
| L 203+73 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 27+40 | 0000 | | | | | | | | | | | | | | | | | |
| L 214+67 | 0000 | | | | | | | | | | | | | | | | | |
| L 225+72 | 0000 | | | | | | | | | | | | | | | | | |
| L 225+85 | 0000 | | | | | | | | | | | | | | | | | |
| RPB 27+64 | 0000 | | | | | | | | | | | | | | | | | |
| L 203+67 | 0000 | | | | | | | | | | | | | | | | | |
| L 205+16 | 0000 | | | | | | | | | | | | | | | | | |
| L 206+11 | 0000 | | | | | | | | | | | | | | | | | |
| L 211+38 | 0000 | | | | | | | | | | | | | | | | | |
| L 209+08 | 0000 | | | | | | | | | | | | | | | | | |
| L 211+88 | 0000 | | | | | | | | | | | | | | | | | |
| L 212+15 | 0000 | | | | | | | | | | | | | | | | | |
| L 217+21 | 0000 | | | | | | | | | | | | | | | | | |
| L 217+05 | 0000 | | | | | | | | | | | | | | | | | |
| L 218+22 | 0000 | | | | | | | | | | | | | | | | | |
| L 171+73 | 0000 | | | | | | | | | | | | | | | | | |
| L 173+13 | 0000 | | | | | | | | | | | | | | | | | |
| L 172+75 | 0000 | | | | | | | | | | | | | | | | | |
| L 173+28 | 0000 | | | | | | | | | | | | | | | | | |
| L 222+17 | 0000 | | | | | | | | | | | | | | | | | |
| L 221+38 | 0000 | | | | | | | | | | | | | | | | | |
| L 223+60 | 0000 | | | | | | | | | | | | | | | | | |
| L 225+75 | 0000 | | | | | | | | | | | | | | | | | |
| L 225+82 | 0000 | | | | | | | | | | | | | | | | | |
| L 225+90 | 0000 | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | | | | | | | | 6 | | | 2 | 1 | 1 | | | | |

| LINE & STATION | FROM | TO | OPEN THROAT C.B. STD. 840.04 OR STD. 840.05 | D.I. STD. 840.14 OR STD. 840.15 | D.I. FRAME AND GRATES STD. 840.16 | G.D.I. TYPE "A" STD. 840.17 OR STD. 840.26 | G.D.I. TYPE "B" STD. 840.18 OR STD. 840.27 | G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28 | G.D.I. (N.S. SAG) FRAME W/ 2 GRATES STD. 840.24 | G.D.I. (N.S. FLAT) FRAME W/ 2 GRATES STD. 840.29 | 15" SLOTTED DRAIN | FRAME W/ GRATE FOR DRIVEWAY STD. 840.30 | J.B. STD. 840.31 OR STD. 840.32 | T.B.G.D.I. TYPE "D" STD. 840.19 OR STD. 840.28 | T.B.J.B. STD. 840.34 | T.B.D.I. STD. 840.35 | M.H. STD. 840.51, STD. 840.52, OR STD. 840.53 | M.H. FRAME AND COVER STD. 840.54 | CONVERT EXISTING C.B. TO J.B. | CONVERT EXISTING D.I. TO J.B. | ADJUST C.B. | ADJUST D.I. | ADJUST JB W/MH | 15" C.S. ELBOW | 18" C.S. ELBOW | 12" DRAINAGE PIPE ELBOW | 15" DRAINAGE PIPE ELBOW | 24" DRAINAGE PIPE ELBOW | 30" DRAINAGE PIPE ELBOWS | 48" DRAINAGE PIPE ELBOW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RPB 28+24 | 3116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3116 | 3115 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+15 | 3117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3117 | 3116 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+61 | 3118 | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | |
| | 3118 | 3119 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3120 | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | |
| | 3120 | 3118 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+50 | 3121 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 3121 | 3117 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 20+00 | 3122 | | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | | | | |
| | 3122 | 3103 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 219+99 | 2005 | 2006 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 219+98 | 2003 | 2002 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| RPB 30+61 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| RPB 19+50 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| RPB 17+29 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |
| L 196+10 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 197+12 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 201+48 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 202+56 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 203+73 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 27+40 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 214+67 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+72 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+85 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RPB 27+64 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 203+67 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 205+16 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 206+11 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 211+38 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 209+08 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 211+88 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 212+15 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 217+21 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 217+05 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 218+22 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 171+73 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 173+13 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 172+75 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 173+28 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 222+17 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 221+38 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 223+60 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+75 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+82 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| L 225+90 | 0000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SHEET TOTALS | | | 1 | | | | 3 | | | 3 | | | | | | | | | | | | | | | 2 | | 2 | 2 | | |

| LINE & STATION | FROM | TO | PIPE CLEAN OUT CY | FLOWABLE FILL CY | CONCRETE COLLARS CL. "B" STD. 840.72 CY | CONCRETE AND BRICK PIPE PLUG STD. 840.71 CY | PIPE REMOVAL LIN. FT. | REMARKS |
|---|---|---|---|---|---|---|---|---|
| RPB 28+24 | 3116 | | | | | | | |
| | 3116 | 3115 | | | | | | |
| RPB 30+15 | 3117 | | | | | | | |
| | 3117 | 3116 | | | | | | |
| RPB 30+61 | 3118 | | | | | | | |
| | 3118 | 3119 | | | | | | |
| RPB 30+50 | 3120 | | | | | | | |
| | 3120 | 3118 | | | | | | |
| RPB 30+50 | 3121 | | | | | | | |
| | 3121 | 3117 | | | | | | |
| RPB 20+00 | 3122 | | | | | | | |
| | 3122 | 3103 | | | | | | |
| L 219+99 | 2005 | 2006 | | | | | | |
| L 219+98 | 2003 | 2002 | | | | | | |
| RPB 30+61 | 0000 | | | | | | | |
| RPB 30+61 | 0000 | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | |
| RPB 19+50 | 0000 | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | |
| RPB 17+29 | 0000 | | | | | | | |
| L 196+10 | 0000 | | | | | | 89 | |
| L 197+12 | 0000 | | | | | | 112 | |
| L 201+48 | 0000 | | | | | | 93 | |
| L 202+56 | 0000 | | | | | | 219 | |
| L 203+73 | 0000 | | | | | | 9 | |
| RPB 27+40 | 0000 | | | | | 0.045 | | |
| L 214+67 | 0000 | | | | | 0.182 | | |
| L 225+72 | 0000 | | | | | 0.065 | | |
| L 225+85 | 0000 | | | | | 0.065 | | |
| RPB 27+64 | 0000 | | | | | 0.045 | | |
| L 203+67 | 0000 | | | 3 | | | | |
| L 205+16 | 0000 | | | | | | 295 | |
| L 206+11 | 0000 | | | | | | 39 | |
| L 211+38 | 0000 | | | 4 | | | | |
| L 209+08 | 0000 | | | | | | 482 | |
| L 211+88 | 0000 | | | | | | 72 | |
| L 212+15 | 0000 | | | | | | 34 | |
| L 217+21 | 0000 | | | | | | 36 | |
| L 217+05 | 0000 | | | | | | 14 | |
| L 218+22 | 0000 | | | | | | 36 | |
| L 171+73 | 0000 | | | | | | 264 | |
| L 173+13 | 0000 | | | | | | 4 | |
| L 172+75 | 0000 | | | | | | 93 | |
| L 173+28 | 0000 | | | | | | 20 | |
| L 222+17 | 0000 | | | | | | 174 | |
| L 221+38 | 0000 | | | | | | 33 | |
| L 223+60 | 0000 | | | | | | 431 | |
| L 225+75 | 0000 | | | | | | 36 | |
| L 225+82 | 0000 | | | | | | 37 | |
| L 225+90 | 0000 | | | | | | 20 | |
| SHEET TOTALS | | | | 7 | | 0.402 | 2642 | |

**ABBREVIATIONS**

| | |
|---|---|
| C.A.A. | CORRUGATED ALUMINIUM ALLOY |
| C.B. | CATCH BASIN |
| C.S. | CORRUGATED STEEL |
| D.I. | DROP INLET |
| G.D.I. | GRATED DROP INLET |
| H.D.P.E. | HIGH DENSITY POLYETHYLENE |
| J.B. | JUNCTION BOX |
| M.H. | MANHOLE |
| N.S. | NARROW SLOT |
| P.V.C. | POLYVINYL CHLORIDE |
| R.C. | REINFORCED CONCRETE |
| T.B.D.I. | TRAFFIC BEARING DROP INLET |
| T.B.J.B. | TRAFFIC BEARING JUNCTION BOX |
| W.S. | WIDE SLOT |