

| F.A.U. ROUTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NUMBER |
|---------------------|----------------------------------|-----------|----------------|--------------|
| 9168 | 05-00035-00-FP 05-00056-00-FP | ST. CLAIR | 60 | 7 |
| STA 24+17.37 | | TO | STA. 79+10.00 | |
| FEDERAL AID PROJECT | | | CONTRACT 97360 | |

STORM SEWER & DRAINAGE STRUCTURE SCHEDULE

| PT | LOCATION | | DESCRIPTION | TOP MASONRY (1) | FLOWLINE | | | |
|------------------------|----------|---------|--------------------------------------|-----------------|----------|--------|--------|--------|
| | STATION | OFFSET | | | N | S | E | W |
| STA. 24+17.37 TO 55+00 | | | | | | | | |
| 1 | 24+28 | 82.9'R | PRC FES 30"x19" ** | | | 551.28 | 551.30 | |
| 2 | 24+30 | 20.1'R | PIPE TEE 30"x19" P 15"R | | 561.89 | | 561.70 | 561.75 |
| 3 | 24+32 | 35.1'L | PIPE TEE 30"x19" P 12"R | | 562.39 | | 562.07 | 562.12 |
| 4 | 24+35 | 111.5'L | PRC FES 30"x19" ** | | | | 562.60 | 562.62 |
| 5 | 24+40 | 37.4'L | INLET SPECIAL- 4'x4' | 564.91 | | 562.45 | | |
| 6 | 24+80 | 25.4'R | INLET SPECIAL- 4'x4' | 565.31 | 562.12 | 562.02 | | |
| 7 | 26+70 | 20.3'L | INLET TA, T24 F&G | 564.50 | | | 563.17 | |
| 8 | 26+70 | 20.3'R | INLET TB T24 F&G * | 564.50 | | 562.78 | | 562.98 |
| 9 | 28+00 | 23.5'L | INLET SPECIAL- 4'x4' | 562.66 | | | 560.49 | |
| 10 | 28+00 | 23.5'R | INLET SPECIAL- 4'x4' | 562.66 | 557.71 | | | 557.91 |
| 11 | 28+80 | 23.5'R | INLET SPECIAL- 4'x4' | 558.66 | | 554.67 | 553.24 | 555.17 |
| 12 | 28+90 | 23.5'L | INLET SPECIAL- 4'x4' | 558.16 | | | 555.78 | |
| 13 | 28+80 | 48.0'R | 12" END SECTION | | | | 551.00 | |
| 14 | 29+41 | 23.5'L | PRECAST BOX CULVERT, 9'X6' | | 550.00 | | | |
| 15 | 30+80 | 23.5'L | INLET SPECIAL- 6'x4' | 553.20 | 551.00 | 550.80 | 550.90 | |
| 16 | 30+80 | 23.5'R | INLET SPECIAL- 6'x4' | 553.20 | 551.42 | | | 551.22 |
| 17 | 32+60 | 23.5'L | INLET SPECIAL- 4'x4' | 555.24 | 552.63 | 552.43 | 552.53 | |
| 18 | 32+60 | 23.5'R | INLET SPECIAL- 4'x4' | 555.24 | | | | 552.91 |
| 19 | 34+10 | 23.5'L | INLET SPECIAL- 4'x4' | 557.78 | 554.78 | 554.58 | 554.68 | |
| 20 | 34+10 | 23.5'R | INLET SPECIAL- 4'x4' | 557.78 | | | 555.33 | 555.13 |
| 21 | 34+40 | 52.5'R | EXISTING INLET | | 556.52 | 556.42 | | |
| 22 | 34+90 | 53.4'R | EXISTING INLET | | 556.75 | 556.65 | | |
| 23 | 35+25 | 23.5'L | INLET SPECIAL- 4'x4' | 559.98 | 556.98 | 556.78 | 556.88 | |
| 24 | 35+25 | 23.5'R | INLET SPECIAL- 4'x4' | 559.98 | | | | 557.05 |
| 25 | 37+05 | 23.5'L | INLET SPECIAL- 4'x4' | | | 561.09 | 561.29 | |
| 26 | 37+05 | 23.5'R | INLET SPECIAL- 4'x4' | 564.09 | | | | 561.46 |
| 27 | 40+95 | 39.4'L | 12" END SECTION | | | | 563.89 | |
| 28 | 41+02 | 23.5'L | INLET SPECIAL- 4'x4' | 568.30 | 565.03 | | 565.13 | 564.94 |
| 29 | 41+02 | 23.5'R | INLET SPECIAL- 4'x4' | 568.30 | | | | 565.30 |
| 30 | 42+92 | 23.5'L | INLET SPECIAL- 4'x4' | 569.17 | | 565.85 | 566.00 | |
| 31 | 42+92 | 23.5'R | INLET SPECIAL- 4'x4' | 569.17 | | | | 566.17 |
| 32 | 43+63 | 27.8'R | INLET SPECIAL- 4'x4' | 568.82 | 556.75 | | | |
| 33 | 43+96 | 23.5'L | INLET SPECIAL- 4'x4' | 569.69 | 566.64 | | 566.54 | 565.60 |
| 33a | 43+95 | 28.7'L | EXISTING 18" RCCP | | | | | |
| 34 | 43+96 | 23.5'R | INLET SPECIAL- 4'x4' | 569.69 | | 566.91 | | 566.71 |
| 35 | 45+80 | 23.5'L | INLET SPECIAL- 4'x4' | 570.61 | 567.54 | 567.34 | 567.44 | |
| 36 | 45+80 | 23.5'R | INLET SPECIAL- 4'x4' | 570.61 | | | | 567.61 |
| 37 | 47+60 | 23.5'L | INLET SPECIAL- 4'x4' | 571.51 | 568.44 | 568.24 | 568.34 | |
| 38 | 47+60 | 23.5'R | INLET SPECIAL- 4'x4' | 571.51 | | | | 568.51 |
| 39 | 49+60 | 23.5'L | INLET SPECIAL- 4'x4' | 572.51 | 569.42 | 569.22 | 569.32 | |
| 40 | 49+60 | 23.5'R | INLET SPECIAL- 4'x4' | 572.51 | | | 569.95 | 569.75 |
| 40a | 49+60 | 40.1'R | 12" END SECTION | | | | 570.97 | |
| 41 | 51+20 | 23.5'L | INLET SPECIAL- 4'x4' | 573.31 | | 570.04 | 570.24 | |
| 42 | 51+20 | 23.5'R | INLET SPECIAL- 4'x4' | 573.31 | 570.61 | | | 570.41 |
| 43 | 52+28 | 23.5'R | INLET SPECIAL- 4'x4' | 573.85 | | 571.40 | 571.60 | |
| 44 | 52+28 | 40.9'R | 12" END SECTION | | | | | 571.80 |
| 45 | 54+82 | 41.53'L | 12" END SECTION | | | | | 569.28 |
| 46 | 54+85 | 23.5'L | INLET SPECIAL- 4'x4' | 573.52 | 570.25 | | 570.35 | 570.16 |
| 47 | 54+85 | 23.5'R | INLET SPECIAL- 4'x4' | 573.52 | | 571.95 | | 570.52 |
| STA. 55+00 TO 80+12.50 | | | | | | | | |
| 48 | 56+75 | 23.5'L | INLET SPECIAL- 4'x4' | 574.72 | 571.65 | 571.45 | 571.55 | |
| 49 | 56+75 | 23.5'R | INLET SPECIAL- 4'x4' | 574.72 | | | | 571.72 |
| 50 | 58+65 | 23.5'L | INLET SPECIAL- 4'x4' | 576.25 | 573.18 | 572.98 | 573.08 | |
| 51 | 58+65 | 23.5'R | INLET SPECIAL- 4'x4' | 576.25 | | | | 573.25 |
| 52 | 60+55 | 23.5'L | INLET SPECIAL- 4'x4' | 577.77 | 574.70 | 574.50 | 574.60 | |
| 53 | 60+55 | 23.5'R | INLET SPECIAL- 4'x4' | 578.83 | | | | 574.77 |
| 54 | 62+45 | 23.5'L | INLET SPECIAL- 4'x4' | 579.14 | | 575.77 | 575.97 | |
| 55 | 62+45 | 23.5'R | INLET SPECIAL- 4'x4' | 579.14 | | | | 576.14 |
| 56 | 66+19 | 23.5'L | INLET SPECIAL- 4'x4' | 578.65 | 575.28 | | 575.48 | |
| 57 | 66+19 | 23.5'R | INLET SPECIAL- 4'x4' | 578.65 | | | | 575.65 |
| 58 | 66+48 | 34.4'R | EXISTING INLET | | 574.77 | 574.87 | | |
| 59 | 66+91 | 33.7'R | EXISTING INLET | | 574.71 | 574.61 | | |
| 60 | 67+40 | 23.5'L | INLET SPECIAL- 4'x4' | 576.27 | 573.00 | 573.20 | 573.10 | |
| 61 | 67+40 | 23.5'R | INLET SPECIAL- 4'x4' | 576.27 | | | 573.47 | 573.27 |
| 62 | 68+65 | 23.5'L | INLET SPECIAL- 4'x4' | 573.44 | 570.17 | 570.37 | 570.27 | |
| 63 | 68+65 | 23.5'R | INLET SPECIAL- 4'x4' | 573.44 | | | | 570.44 |
| 64 | 69+92 | 23.5'R | INLET SPECIAL- 6'x4' TYS FRAME & LID | 572.28 | | | 568.02 | 568.22 |
| 65 | 69+88 | 37.7'L | 12" END SECTION | | | | | 570.80 |
| 66 | 69+90 | 23.5'L | INLET SPECIAL- 4'x4' | 572.26 | 568.57 | 568.57 | 568.37 | 568.57 |
| 67 | | | EXISTING 42" CMP | | | | | |
| 68 | 71+75 | 23.5'L | INLET SPECIAL- 4'x4' | 574.00 | 570.93 | 570.73 | 570.83 | |
| 69 | 71+75 | 23.5'R | INLET SPECIAL- 4'x4' | 574.60 | | | | 571.00 |
| 70 | 73+50 | 23.5'L | INLET SPECIAL- 4'x4' | 576.10 | 573.03 | 572.83 | 572.93 | |
| 71 | 73+50 | 23.5'R | INLET SPECIAL- 4'x4' | 576.10 | | | | 573.10 |
| 72 | 75+25 | 23.5'L | INLET SPECIAL- 4'x4' | 578.20 | | 574.83 | 575.03 | |
| 73 | 75+25 | 23.5'R | INLET SPECIAL- 4'x4' | 578.20 | | | | 575.20 |

- (1) - INCLUDES LID
 (*) - DENOTES FLAT SLAB TOP
 (**) - REMOVE & REINSTALL FES

NOTE: OFFSETS TO ALL INLETS AND MANHOLES ARE TO THE CENTER OF THE DRAINAGE STRUCTURE.

STORM SEWER SCHEDULE

| No. | STRUCTURE PT. - PT. | RUBBER GASKET, CLASS A | | | | | | PIPE CULVERTS, CLASS D, TYPE 1 42" (FOOT) | PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE, EQUIVALENT ROUND-SIZE 24" (FOOT) | WATER MAIN REQUIREMENTS | | TRENCH BACKFILL (CU YD) |
|-----|-----------------------|------------------------|------------|------------|------------|------------|------------|---|--|-------------------------|--------|-------------------------|
| | | TYPE 1 | | | TYPE 2 | | | | | 12" | 15" | |
| | | 12" (FOOT) | 15" (FOOT) | 18" (FOOT) | 24" (FOOT) | 12" (FOOT) | 15" (FOOT) | | | (FOOT) | (FOOT) | |
| 1 | 6 - 2 | | | | | | | | | 51 | 16 | |
| 2 | 4 - 1 | | | | | | | | | | 67 | |
| 3 | 5 - 3 | | | | | | | 195* | | | 1 | |
| 4 | 8 - 6 | | | 185 | | | | | | | 2 | |
| 5 | 7 - 8 | | | 38 | | | | | | | 5 | |
| 6 | 9 - 10 | | | 43 | | | | | | | 7 | |
| 7 | 10 - 11 | | | | | | 76 | | | | 58 | |
| 8 | 12 - 11 | | | 43 | | | | | | | 6 | |
| 9 | 11 - 13 | | | 23 | | | | | | | 0 | |
| 10 | 15 - 14 | | | | | | 131 | | | | 94 | |
| 11 | 16 - 15 | | | 43 | | | | | | | 5 | |
| 12 | 17 - 15 | | | 177 | | | | | | | 47 | |
| 13 | 18 - 17 | | | 43 | | | | | | | 6 | |
| 14 | 19 - 17 | | | | | | 146 | | | | 52 | |
| 15 | 21 - 20 | | | | | | | | 41 | | 5 | |
| 16 | 20 - 19 | | | | | | 43 | | | | 7 | |
| 17 | 23 - 19 | | | | | | | | 111 | | 38 | |
| 18 | 24 - 23 | | | | | | 43 | | | | 7 | |
| 19 | 25 - 23 | | | 178 | | | | | | | 63 | |
| 20 | 26 - 25 | | | | | | 43 | | | | 6 | |
| 21 | 28 - 27 | | | 15 | | | | | | | 3 | |
| 22 | 29 - 28 | | | 43 | | | | | | | 6 | |
| 23 | 30 - 28 | | | 186 | | | | | | | 44 | |
| 24 | 31 - 30 | | | 43 | | | | | | | 6 | |
| 25 | 33 - 33a | | | 5 | | | | | | | 0 | |
| 26 | 32 - 34 | | | 28 | | | | | | | 6 | |
| 27 | 34 - 33 | | | 43 | | | | | | | 4 | |
| 28 | 35 - 33 | | | 179 | | | | | | | 39 | |
| 29 | 36 - 35 | | | 43 | | | | | | | 6 | |
| 30 | 37 - 35 | | | 176 | | | | | | | 39 | |
| 31 | 38 - 37 | | | 43 | | | | | | | 6 | |
| 32 | 39 - 37 | | | 196 | | | | | | | 39 | |
| 33a | 40a - 40 | | | 15 | | | | | | | 3 | |
| 33 | 40 - 39 | | | 43 | | | | | | | 6 | |
| 34 | 41 - 39 | | | 156 | | | | | | | 39 | |
| 35 | 42 - 41 | | | 43 | | | | | | | 6 | |
| 36 | 43 - 42 | | | 104 | | | | | | | 14 | |
| 37 | 44 - 43 | | | 15 | | | | | | | 0 | |
| 38 | 46 - 45 | | | 17 | | | | | | | 4 | |
| 39 | 47 - 46 | | | 43 | | | | | | | 6 | |
| 40 | EXISTING PIPE-PIPE 41 | | | | | | | | 85** | | 0 | |
| 41 | PIPE 40 - 47 | | | | | | | | 8** | | 0 | |
| 42 | 48 - 46 | | | 186 | | | | | | | 39 | |
| 43 | 49 - 48 | | | 43 | | | | | | | 6 | |
| 44 | 50 - 48 | | | 186 | | | | | | | 42 | |
| 45 | 51 - 50 | | | 43 | | | | | | | 6 | |
| 46 | 52 - 50 | | | 186 | | | | | | | 42 | |
| 47 | 53 - 52 | | | 43 | | | | | | | 6 | |
| 48 | 54 - 52 | | | 186 | | | | | | | 44 | |
| 49 | 55 - 54 | | | 43 | | | | | | | 6 | |
| 50 | 57 - 56 | | | 43 | | | | | | | 6 | |
| 51 | 56 - 60 | | | | | | | | 118 | | 29 | |
| 52 | 59 - 61 | | | | | | | | 48 | | 6 | |
| 53 | 61 - 60 | | | | | | | | | | | |