

| SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES | | | | STORM SEWER DESIGN CRITERIA | | | | | | | | | | STR. INSTALLATION | | | | | | | |
|---|--------------|------------------------------------|---|--|---------------------------------|-------------|------------------------|-------------|----------------------------|----------------------|--------------|---|---------------------|--------------------------------------|--------------------------------------|----------|-------------|-------------------|--------------------------------|--------|-------|
| STR. NO. | PLAN SH. NO. | STATION/OFFSET | DESCRIPTION | DESIGN | DRAINAGE AREA | CAPTURE "Q" | TOTAL "Q" IN STRUCTURE | BY-PASS "Q" | ELEV. TOP MANHOLE OR GRATE | FLOWLINE IN | FLOWLINE OUT | FLOWLINE IN @ DOWN-STREAM STR. OR DITCH | TRENCH * EXCAVATION | STANDARD * BEDDING MATERIAL, CLASS A | STANDARD * BEDDING MATERIAL, CLASS B | CLASS AA | REINFORCING | UNCLASSIFIED | STRUCTURAL | | |
| | | | | | | | | | | | | | | | | CONCRETE | STEEL | EXCAVATION 202(A) | EXCAVATION UNCLASSIFIED 501(A) | | |
| | | | | | | | | | | | | | | | | 509(A) | 511(A) | 202(A) | 501(A) | | |
| | | | | | | | | | | | | | | | | CY | LB | CY | CY | | |
| 28 | 25 | STA. 73+10.00 WESTERN RD | 6'x6' RCB W/ SP. DES. END SECTIONS | RCB-C1-6(2-14), SP. DESIGN SBI-4 | SEE DRAINAGE STR. DESIGN RECORD | | | | | | | | | | | | | 96.10 | 12,013.00 | 596.05 | 68.38 |
| 29 | 25 | STA. 74+51.11 26.00' LT WESTERN RD | CICI DES. 2(2B) W/ 48 L.F. 24" RCP STUB INTO STR. 30 | CI-1, SSIF-4, CIG-3, SPI-4, SPB-1, FHTCP-3 | 0.88 | 9.13 | 9.12 | 0.00 | 933.61 | -- | 929.25 E | 929.00 | 31.98 | | 17.76 | | | | | | |
| 30 | 25 | STA. 74+51.11 26.00' RT WESTERN RD | CICI DES. 2(2B) W/ 8 L.F. 24" RCP STUB INTO STR. 31 | CI-1, SSIF-4, CIG-3, SPI-4, SPB-1, FHTCP-3 | 0.50 | 2.85 | 11.73 | 0.00 | 933.61 | 929.00 W | 929.00 E | 928.95 | 6.59 | | 3.47 | | | | | | |
| 31 | 25 | STA. 74+51.11 35.67' RT WESTERN RD | 5' DIA MANHOLE W/ 148 L.F. 30" RCP STUB INTO STR. 28 | MJB-3, MFC-4, SPI-4, SPB-1, FHTCP-3 | -- | -- | 37.38 | -- | 933.97 | 928.95 W 928.45 N | 928.45 S | 926.75 | 146.94 | | 94.28 | | | | | | |
| 32 | 25 | STA. 78+79.00 26.00' LT WESTERN RD | CICI DES. 2(D) W/ 48 L.F. 18" RCP STUB INTO STR. 33 | CI-1, SSIF-4, CIG-3, SPI-4, SPB-1, FHTCP-3 | 0.69 | 4.16 | 4.16 | 1.41 | 939.25 | -- | 935.35 E | 935.13 | 22.86 | | 12.60 | | | | | | |
| 33 | 25 | STA. 78+79.00 26.00' RT WESTERN RD | CICI DES. 2(D) W/ 8 L.F. 18" RCP STUB INTO STR. 34 | CI-1, SSIF-4, CIG-3, SPI-4, SPB-1, FHTCP-3 | 0.23 | 2.41 | 6.57 | 0.38 | 939.25 | 935.13 W | 935.13 E | 935.11 | 4.71 | | 2.47 | | | | | | |
| 34 | 25 | STA. 78+79.00 35.67' RT WESTERN RD | 5' DIA MANHOLE W/ 422 L.F. 30" RCP STUB INTO STR. 31 | MJB-3, MFC-4, SPI-4, SPB-1, FHTCP-3 | -- | -- | 25.65 | -- | 939.61 | 935.11 W 934.65 N | 934.11 S | 928.45 | 423.48 | | 272.64 | | | | | | |
| 35 | 25 | STA. 81+77.00 26.00' RT WESTERN RD | CICI DES. 3(STD) W/ 8 L.F. 18" RCP STUB INTO STR. 36 | CI-1, SSIF-4, CIG-3, SPI-4, SPB-1, FHTCP-3 | 0.59 | 4.22 | 4.22 | 0.80 | 946.30 | -- | 942.40 E | 942.38 | 4.47 | | 2.47 | | | | | | |
| 36 | 25 | STA. 81+77.00 35.67' RT WESTERN RD | 4' DIA MANHOLE W/ 294 L.F. 24" RCP STUB INTO STR. 34 | MJB-3, MFC-4, SPI-4, SPB-1, FHTCP-3 | -- | -- | 19.08 | -- | 947.02 | 942.38 W 941.88 N | 941.88 S | 934.65 | 241.62 | | 157.34 | | | | | | |
| 37 | 26 | STA. 84+26.00 35.67' RT WESTERN RD | 4' DIA MANHOLE W/ 246 L.F. 24" RCP STUB INTO STR. 36 | MJB-3, MFC-4, SPI-4, SPB-1, FHTCP-3 | -- | -- | 14.85 | -- | 952.94 | 948.64 NE | 948.64 S | 941.88 | 171.59 | | 96.50 | | | | | | |
| 38 | 26 | STA. 84+96.50 57.77' RT WESTERN RD | INLET SMD-TYPE 1 GRATE W/ 72 L.F. 24" RCP STUB INTO STR. 37 | SMD-3, SPI-4 SPB-1, FHTCP-3 | 0.00 | 14.85 | 14.85 | 0.00 | 953.13 | -- | 950.50 SW | 948.64 | 34.24 | 30.11 | | | | | | | |

* FOR INFORMATION ONLY

| SUMMARY OF STORM SEWERS CONT. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--------------------|---------------------------|----------------------------|-----------------------|---------------------|---------------------|----------------------|-----------------------|---------------------|----------------------|--------------------------------|--------------------------------|-------------------|-------------------|----------------------------------|----------------------------------|-----------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|------------------------------------|------------------------------------|----------|------------------------------------|---|--------|
| STATION/OFFSET | INLETS | | | | | | | | | | MANHOLES | | | | | | PIPE | | | | | | | | STR. NO. | | | |
| | INLET (SMD-TYPE 1) | INLET GPI-TYPE 2 (DES. 8) | INLET GPI-TYPE 2 (DES. 10) | INLET CI DES. 2 (STD) | INLET CI DES. 2 (B) | INLET CI DES. 2 (D) | INLET CI DES. 2 (2B) | INLET CI DES. 3 (STD) | INLET CI DES. 3 (B) | INLET CI DES. 3 (2B) | ADD'L DEPTH IN INLET CI DES. 2 | ADD'L DEPTH IN INLET CI DES. 3 | MANHOLE (4' DIA.) | MANHOLE (5' DIA.) | ADD'L DEPTH IN MANHOLE (4' DIA.) | ADD'L DEPTH IN MANHOLE (5' DIA.) | MANHOLE FRAME & COVER | 18" R.C. PIPE CLASS III | 24" R.C. PIPE CLASS III | 30" R.C. PIPE CLASS III | 36" R.C. PIPE CLASS III | 58" X 36" R.C. PIPE ARCH CLASS A-III | 18" PREFAB. CULVERT END SEC. ROUND | 30" PREFAB. CULVERT END SEC. ROUND | | 36" PREFAB. CULVERT END SEC. ROUND | 58" X 36" PREFAB. CULVERT END SECTION, ARCH | |
| | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(G) | 611(H) | 611(H) | 611(A) | 611(A) | 611(B) | 611(B) | EA | 613(A) | 613(A) | 613(A) | 613(A) | 613(A) | 613(L) | 613(L) | | 613(L) | 613(L) | 613(L) |
| STA. 73+10.00 WESTERN RD | EA | EA | EA | EA | EA | EA | EA | EA | EA | EA | VF | VF | EA | EA | VF | VF | EA | LF | LF | LF | LF | LF | EA | EA | EA | EA | | |
| STA. 74+51.11 26.00' LT WESTERN RD | | | | | | | | | 1 | | 1.69 | | | | | | | | 48 | | | | | | | | | 29 |
| STA. 74+51.11 26.00' RT WESTERN RD | | | | | | | | | 1 | | 1.94 | | | | | | | | 8 | | | | | | | | | 30 |
| STA. 74+51.11 35.67' RT WESTERN RD | | | | | | | | | | | | | 1 | | 0.52 | 1 | | | | 148 | | | | | | | | 31 |
| STA. 78+79.00 26.00' LT WESTERN RD | | | | | | | | | 1 | | 1.23 | | | | | | | | 48 | | | | | | | | | 32 |
| STA. 78+79.00 26.00' RT WESTERN RD | | | | | | | | | 1 | | 1.45 | | | | | | | | 8 | | | | | | | | | 33 |
| STA. 78+79.00 35.67' RT WESTERN RD | | | | | | | | | | | | | 1 | | 0.50 | 1 | | | | 422 | | | | | | | | 34 |
| STA. 81+77.00 26.00' RT WESTERN RD | | | | | | | | | | | | 1.23 | | | | | | | 8 | | | | | | | | | 35 |
| STA. 81+77.00 35.67' RT WESTERN RD | | | | | | | | | | | | | 1 | | 0.14 | 1 | | | | 294 | | | | | | | | 36 |
| STA. 84+26.00 35.67' RT WESTERN RD | | | | | | | | | | | | | 1 | | | 1 | | | | 246 | | | | | | | | 37 |
| STA. 84+96.50 57.77' RT WESTERN RD | 1 | | | | | | | | | | | | | | | | | | | 72 | | | | | | | | 38 |
| TOTALS | 1 | 0 | 0 | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 6 | 1 | 2 | 2 | 0 | 1 | 4 | 64 | 668 | 570 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |