| FHWA REGION NO. | STATE | PROJECT NUMBER | FISCAL YEAR | SHEET NUMBER | TOTAL SHEETS |
|---|---|---|---|---|---|
| 7 | KANSAS | 87 N-0189-01 | 2001 | 48 | 105 |

DATE | BY

REFERENCES NOTED | REFERENCES CHECKED

## INLET AND MANHOLE DATA

| ROUTING SEQUENCE FROM | ROUTING SEQUENCE TO | STATION | ROUTE IDENTIFICATION | DISTANCE LT./RT. (m) | CONSTRUCT OR INSTALL: INLET (TYPE 1-A) (CURB) | MANHOLE (TYPE P) 2 100 DIA. | MANHOLE (TYPE P) 1 800 DIA. | MANHOLE (TYPE P) SPECIAL | END SECTION | DIMENSIONS: L (mm) | W (mm) | H (mm) | $L_1$ (mm) | $W_1$ (mm) | $H_1$ (mm) | ELEVATIONS: TOP | FLOOR | INFLOW CONDUITS: SIZE DIRECTION | FLOWLINE ELEV. | SIZE DIRECTION | FLOWLINE ELEV. | OUTFLOW CONDUITS: SIZE DIRECTION | FLOWLINE ELEV. | FOR INFORMATION ONLY: CLASS III EXC. ($m^3$) | CAST IRON (kg) | STRUC. STEEL (kg) | REINF. STEEL (kg) | CLASS A CONC. (MISC.) ($m^3$) | STEPS | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0+000 | LINE 1 | 25 187 RT. | | | | | 1 | | | | | | | | | 1 325mmx850mm (SE) | 410.300 | | | | | | | | | | | |
| | | 0+010.187 | LINE 1 | 16 208 RT. | | | 1 | | | | | | | | | 411.581 | | 1 325mmx850mm(W) | 410.326 | | | 1 325mm x 850mm (SE) | 410.321 | | | | | | | |
| | | 0+113.154 | LINE 1 | 10 808 RT. | 1 | | | | | 3400 | 1900 | 1725 | | | | 411.960 | | 850mmx550mm(S) | 410.667 | 850mmx550mm(W) | 410.667 | 1 325mm x 850mm (E) | 410.532 | | | | | | | INSTALL DROP INLET & 3.168m 300mm RCP |
| | | 0+232.468 | LINE 1 | 10 658 RT. | 1 | | | | | 3400 | 1900 | 1775 | | | | 412.868 | | 850mmx550mm(S) | 411.433 | | | 850mmx550mm(E) | 411.383 | | | | | | | TOP=411.800, FL OUT=410.900 |
| | | 0+256.893 | LINE 1 | 13 767 LT. | 1 | | | | | 3400 | 1300 | 1650 | | | | 412.883 | | | | | | 850mmx550mm(S) | 411.522 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 2 | 10 808 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | = STA. 0+113.154, LINE 1 |
| | | 0+024.566 | LINE 2 | 13 758 LT. | 1 | | | | | 3400 | 1300 | 1500 | | | | 411.985 | | | | | | 850mmx550mm(S) | 410.778 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 3 | 25 399 RT. | | | | | 1 | | | | | | | | | 1 125mmx725mm (SW) | 410.300 | | | | | | | | | | | |
| | | 0+016.141 | LINE 3 | 13 238 RT. | | | | 1 | | SEE DETAIL, SHEET ____ | | | | | | 412.031 | | 950mmx600mm(NE) | 410.337 | 850mmx550mm(NE) | 410.337 | 1 125mm x 725mm (SW) | 410.332 | | | | | | | |
| | | 0+049.726 | LINE 3 | 10 630 RT. | 1 | | | | | 3400 | 1900 | 1525 | | | | 411.634 | | 750mmx475mm(E) | 410.403 | | | 850mmx550mm(W) | 410.403 | | | | | | | |
| | | 0+087.548 | LINE 3 | 10 481 RT. | 1 | | | | | 3400 | 1600 | 1200 | | | | 411.375 | | | | | | 750mmx475mm(W) | 410.462 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 4 | 13 238 RT. | | | | | | | | | | | | | | | | | | | | | | | | | | = STA. 0+016.141, LINE 3 |
| | | 0+028.068 | LINE 4 | 10 787 LT. | 1 | | | | | 3400 | 1800 | 1700 | | | | 411.800 | | 750mmx475mm(W) | 410.393 | | | 950mmx600mm(SW) | 410.393 | | | | | | | |
| | | 0+084.863 | LINE 4 | 10 505 LT. | 1 | | | | | 3400 | 1800 | 1200 | | | | 411.375 | | | | | | 750mmx475mm(W) | 410.482 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 5 | 21 419 RT. | | | | | 1 | | | | | | | | | 750mmx475mm(SE) | 410.320 | | | | | | | | | | | |
| | | 0+027.665 | LINE 5 | 10 631 RT. | 1 | | | | | 3400 | 2000 | 1575 | | | | 411.656 | | 575mmx350mm(S) | 410.490 | | | 750mmx475mm(SE) | 410.475 | | | | | | | |
| | | 0+048.654 | LINE 5 | 10 358 LT. | 1 | | | | | 3400 | 1500 | 1450 | | | | 411.656 | | | | | | 575mmx350mm(S) | 410.595 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 6 | 21 393 RT. | | | | | 1 | | | | | | | | | 1 125mmx725mm(S) | 410.300 | | | | | | | | | | | |
| | | 0+006.569 | LINE 6 | 15 081 RT. | | 1 | | | | | | | | | | 411.480 | | 1 125mmx725mm(NE) | 410.314 | | | 1 125mm x 725mm (S) | 410.313 | | | | | | | |
| | | 0+053.732 | LINE 6 | 10 808 LT. | 1 | | | | | 3400 | 2500 | 1575 | | | | 411.668 | | 950mmx600mm(E) | 410.408 | 575mmx350mm(N) | 410.608 | 1 125mm x 725mm (SW) | 410.408 | | | | | | | |
| | | 0+132.215 | LINE 6 | 10 631 LT. | 1 | | | | | 3400 | 1900 | 1675 | | | | 411.994 | | 850mmx550mm(E) | 410.621 | 575mmx350mm(N) | 410.721 | 950mmx600mm(W) | 410.621 | | | | | | | |
| | | 0+277.215 | LINE 6 | 10 631 LT. | 1 | | | | | 3400 | 1900 | 1475 | | | | 412.172 | | 575mmx350mm(N) | 411.061 | | | 850mmx550mm(W) | 410.986 | | | | | | | |
| | | 0+298.212 | LINE 6 | 10 358 RT. | 1 | | | | | 3400 | 1300 | 1300 | | | | 412.172 | | | | | | 575mmx350mm(N) | 411.161 | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTALS (THIS SHEET) | | | | | 14 | 1 | 1 | 1 | 4 | | | | | | | | | | | | | | | | | | | | | |

## CONDUIT DATA

| ROUTING SEQUENCE FROM | ROUTING SEQUENCE TO | STATION | ROUTE IDENTIFICATION | DISTANCE LT./RT. (m) | CONSTRUCT OR INSTALL: TYPE OF CONDUIT SIZE (mm) | MATERIAL | LENGTH (m) | CONDUIT FLOWLINES: INFLOW ELEV. | OUTFLOW ELEV. | SEWER EXCAVATION: ROCK ($m^3$) | COMMON ($m^3$) | STORM SEWER (m) HERCP: 1 325x850 mm | 1 125x725 mm | 950x600 mm | 850x550 mm | 750x475 mm | 575x350 mm | END SECTIONS: 1 325x850 mm | 1 125x725 mm | 750x475 mm | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0+000 | LINE 1 | 25 187 RT. | 1325x850 | HERCP | 10.187 | | 410.300 | | | 10.187 | | | | | | 1 | | | |
| | | 0+010.187 | LINE 1 | 16 208 RT. | 1325x850 | HERCP | 102.967 | 410.326 | 410.321 | | | 102.967 | | | | | | | | | |
| | | 0+113.154 | LINE 1 | 10 808 RT. | 850x550 | HERCP | 119.358 | 410.667 | 410.532 | | | | | | 119.358 | | | | | | |
| | | 0+232.468 | LINE 1 | 10 658 RT. | 850x550 | HERCP | 24.425 | 411.433 | 411.383 | | | | | | 24.425 | | | | | | |
| | | 0+256.893 | LINE 1 | 13 767 LT. | | | | | 411.522 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 2 | 10 808 RT. | 850x550 | HERCP | 24.566 | 410.667 | 410.532 | | | | | | 24.566 | | | | | | = STA. 0+113.154, LINE 1 |
| | | 0+024.566 | LINE 2 | 13 758 LT. | | | | | 410.778 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 3 | 25 399 RT. | 1125x725 | HERCP | 16.141 | | 410.300 | | | | 16.141 | | | | | | 1 | | |
| | | 0+016.141 | LINE 3 | 13 238 RT. | 850x550 | HERCP | 33.585 | 410.337 | 410.332 | | | | | | 33.585 | | | | | | |
| | | 0+049.726 | LINE 3 | 10 630 RT. | 750x475 | HERCP | 37.822 | 410.403 | 410.403 | | | | | | | 37.822 | | | | | |
| | | 0+087.548 | LINE 3 | 10 481 RT. | | | | | 410.462 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 4 | 13 238 RT. | 950x600 | HERCP | 28.068 | 410.337 | 410.332 | | | | | | | | | | | | = STA. 0+016.141, LINE 3 |
| | | 0+028.068 | LINE 4 | 10 787 LT. | 750x475 | HERCP | 56.795 | 410.393 | 410.393 | | | | | 28.068 | | | | | | | |
| | | 0+084.863 | LINE 4 | 10 505 LT. | | | | | 410.482 | | | | | | | 56.795 | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 5 | 21 419 RT. | 750x475 | HERCP | 27.665 | | 410.320 | | | | | | | 27.665 | | | | 1 | |
| | | 0+027.665 | LINE 5 | 10 631 RT. | 575x350 | HERCP | 20.989 | 410.390 | 410.375 | | | | | | | | 20.989 | | | | |
| | | 0+048.654 | LINE 5 | 10 358 LT. | | | | | 410.495 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | 0+000 | LINE 6 | 21 393 RT. | 1125x725 | HERCP | 6.569 | | 410.313 | | | | 6.569 | | | | | | 1 | | |
| | | 0+006.569 | LINE 6 | 15 081 RT. | 1125x725 | HERCP | 47.163 | 410.314 | 410.313 | | | | 47.163 | | | | | | | | |
| | | 0+053.732 | LINE 6 | 10 808 LT. | 950x600 | HERCP | 78.483 | 410.408 | 410.408 | | | | | 78.483 | | | | | | | |
| | | 0+132.215 | LINE 6 | 10 631 LT. | 850x550 | HERCP | 145.000 | 410.621 | 410.621 | | | | | | 145.000 | | | | | | |
| | | 0+277.215 | LINE 6 | 10 631 LT. | 575x350 | HERCP | 20.997 | 411.061 | 410.986 | | | | | | | | 20.997 | | | | |
| | | 0+298.212 | LINE 6 | 10 358 RT. | | | | | 411.161 | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| TOTALS (THIS SHEET) | | | | | | | | | | | | 113.154 | 69.873 | 106.551 | 346.934 | 122.282 | 41.986 | 1 | 2 | 1 | |

FOR INFO ONLY

**21st STREET NORTH**
**SCHEDULE OF INLETS AND MANHOLES**

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SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

REVISED

PROJECT NUMBER 472-83138

| DRAWN | DESIGN | REVIEW | DATE | UTILITY | SRB JOB |
|---|---|---|---|---|---|
| TEB | | | May 23, 2001 | | 1478T |

SCAM1-A | 48 | 105