

Changing Elevation of Sewer Manhole

Sta 1+100.300 LT
 Sta 1+101.400 LT
 Sta 1+287.750 RT
 Sta 1+290.900 RT
 Sta 1+295.400 RT

Changing Elevation of Drop Inlets, Catch Basins or Manholes

Sta 1+152.900 RT (T/MH)
 ① Sta 1+245.800 RT
 ② Sta 1+288.750 RT
 ③ Sta 1+288.750 LT

New 450 Diameter - Option Pipes PCCSP, CAAP OR CPEP

① Sta 1+102.500 LT - 1+113.300 RT
 ② Sta 1+113.300 - 1+157.400 RT-RT
 ③ Sta 1+160.500 LT-RT
 ④ Sta 1+157.400 - 1+160.000 RT-RT
 ⑤ Sta 1+241.200 - 1+252.000 LT-RT
 ⑥ Sta 1+228.000 - 1+252.000 RT-RT

New 450 Diameter - PCCSP Pipe W/ (2) 20° Elbows

⑤ Sta 1+157.400 - 1+174.500 RT-RT

Remove Existing DI

① Sta 1+102.500 LT
 ② Sta 1+113.300 RT
 ③ Sta 1+160.000 LT & RT
 ④ Sta 1+167.800 - (2) RT
 ⑤ Sta 1+175.000 RT
 ⑥ Sta 1+255.000 RT
 ⑦ Sta 1+261.000 RT

New Reinforced Concrete DI

① Sta 1+102.500 LT
 ② Sta 1+113.300 RT
 ③ Sta 1+160.000 LT
 ④ Sta 1+160.000 RT
 ⑤ Sta 1+157.400 RT
 ⑥ Sta 1+174.500 RT (Installed By Others)
 ⑦ Sta 1+241.200 LT
 ⑧ Sta 1+252.000 RT

CAP EXISTING DI

⑧ Sta 1+105.300 RT
 ⑨ Sta 1+236.600 LT

New 600 Diameter - PCCSP (Installed by others)

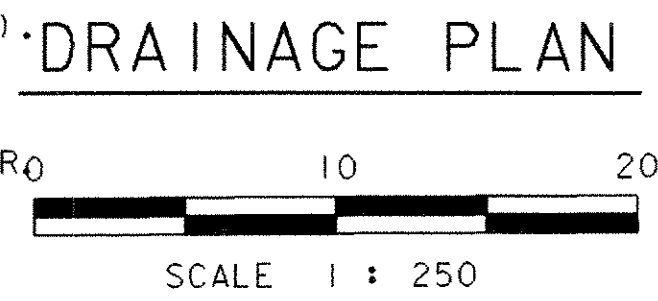
⑧ Sta 1+175.600-1+191.000 RT

NOTE:

1. THE REMOVAL OF THE EXISTING DI (FLAG 6), THE CONSTRUCTION OF THE NEW DI AND NEW 600 mm PIPE (FLAG 8) WILL REQUIRE CLOSE COORDINATION WITH THE CONSTRUCTION OF THE MSE WALL AND THE PIER. EXCAVATING FOR AND INSTALLING PIPES AND DI'S IN THIS AREA MAY REQUIRE STAGING AND/OR TEMPORARY PIPING IN ORDER TO CONSTRUCT BOTH THE MSE WALL AND THE PIER WHILE MAINTAINING ADEQUATE DRAINAGE FOR STORMWATER RUNOFF.
2. GRADE TO DRAIN DITCH AT WEST SIDE OF RAILROAD TRACK TO DI (FLAG 8).
3. FINAL LOCATION AND ELEVATION OF DRAINAGE ITEMS MAY BE ADJUSTED IN THE FIELD AS DEEMED NECESSARY BY THE RESIDENT ENGINEER.
4. SEE SHEETS 16-17 FOR PIPE PROFILES.

DATUM

VERTICAL NAVD 88
 HORIZONTAL NAD 83/92



PROJECT: BETHEL	PROJECT NO. : BRF0241 (33) C/2
DESIGN FILE NAME: 02c180/structures/s02c180bdr.dgn	PLOT DATE: 14-APR-2005
IPARM FILE NAME: sc180drainplan.i	SURVEY DATE: 10/99
SURVEYED BY: ORVIS	DRAWN BY: K. M. HIGGINS
SQUAD LEADER: C. P. WILLIAMS	SHEET: 15 OF 130
DRAINAGE PLAN	