

Begin Approach
Sta 3+020.000

BM #2
Elev 183.972

Approx. Underground Utility
Relocation Route by Bethel Mills
PI #3
Mainline Sta 3+199.131 Bk
= 3+190.553 Ahd
PI #6
Side Line Sta 6+023.271 Bk
(No Curve Run)
POE Bethel Mills Drive
Sta 9+057.434 =
ML POST 3+193.225
= 75° 52' 34.04" LT
Existing Aerial
3Ø Power

MATCHLINE A-A
STA 3+020

- Bituminous Concrete Sidewalk
Sta 3+025.000 - 3+111.000 Rt
Sta 3+174.000 - 3+214.000 Rt
- Removal of Fence
Sta 3+172.000 Lt - 3+174.000 Lt
Sta 3+180.000 Lt - 3+190.500 Lt
- Construct Drive w/ 1500 Paved Apron
Sta 3+060.000 Rt
Sta 3+196.000 Rt
- Chain Link Fence - 1.2m
Sta 3+097.600 Rt - 3+112.000 Rt
Sta 3+172.960 Rt - 3+193.600 Rt
- Chain Link Fence - 1.8m W/ Gate
Chan. Sta 5+011.500 - 5+020.500 Lt
Chan. Sta 5+011.500 - 5+023.000 Rt

- Heavy Duty Steel Beam Guard Rail
Sta 3+059.500 Lt - 3+112.000 Lt
Sta 3+097.700 Rt - 3+112.000 Rt
Sta 3+172.960 Lt - 6+049.000 Lt
Sta 3+172.960 Rt - 3+194.200 Rt
BM Sta 9+018.000 - 9+045.500 Lt
- Anchors For Steel Beam Guard Rail
Sta 3+061.600 Lt
Sta 3+089.500 Rt
Sta 6+048.000 Lt
Sta 3+182.100 Rt
Sta 9+020.000 Lt
Sta 9+043.500 Lt

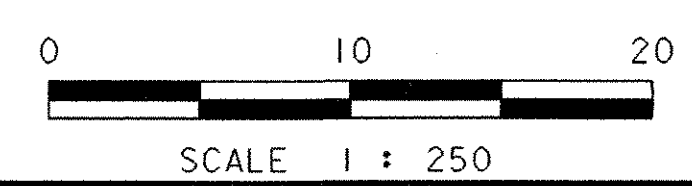
- 1200 x 1200 Drop Inlet
④ Sta 3+110.000 Rt
⑥ Sta 3+187.600 Rt
- Changing Elevation of DI, CB or MH
① Sta 3+046.000 Rt
- Capping Existing Drop Inlets
② Sta 3+103.000 Lt
⑧ Sta 3+188.500 Lt
- Special Ditch (Swale)
③ Sta 3+070.000 - 3+116.000 Lt
(With Erosion Matting)
- New 450 diameter - Option Pipes
PCCSP, CAAP or CPEP
⑤ Sta 3+110.000 (w/2 Elbows)
⑦ Sta 3+187.600 Rt
- Cleaning Culvert Pipe in Place
⑨ Sta 3+116.700 Lt - 3+125.000 Lt

ALIGNMENT CURVE DATA

| CURVE #1 | CURVE #2 | CURVE #3 | CURVE #4 | CURVE #5 | CURVE #6 |
|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|------------------------|
| Radius = 50.000 | Radius = 50.000 | Radius = 26.000 | Radius = 10.000 | Radius = 80.000 | No Curve Run |
| Delta = 22°02' 4.15" Rt | Delta = 16°40' 37.60" Lt | Delta = 83°39' 31.37" Rt | Delta = 26°45' 18.51" Rt | Delta = 18°49' 44.8" Lt | Delta = 3°2' 47.16" Rt |
| Tangent = 9.735 | Tangent = 7.328 | Tangent = 23.271 | Tangent = 2.378 | Tangent = 13.265 | |
| Length = 19.229 | Length = 14.554 | Length = 37.963 | Length = 4.670 | Length = 26.290 | |
| External = 0.939 | External = 0.534 | External = 8.893 | External = 0.279 | External = 1.092 | |

BM #1
Elev 178.407
Sta 6+006
23.500 m Right
(See Tie Sheet)

See Sheet 13 for New Signs and
New Pavement Markings
See Sheet 21 for Drive, Rail
and Sidewalk Radii
See Sheet 16 for Drainage Details



DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83/92

| | |
|---|--|
| PROJECT: BETHEL REFERENCE SHEET 8 | PROJECT NO. : BRF 0241 (33) - C1 |
| DESIGN FILE NAME: 96j250/structures/s96j250bdr-cl.dgn | PLOT DATE: 14-APR-2005 |
| IPARM FILE NAME: s96j250ia2-cl.i | SURVEY DATE: 10/99 |
| SURVEYED BY: ORVIS | DRAWN BY: KMH |
| SQUAD LEADER: C.P. WILLIAMS | SHEET: 124 OF 130 |
| LAYOUT SHEET 2 | |