

Approx. Underground Utility
Relocation Route by Bethel Mills
 P1 #3
 Mainline Sta 3+199.137 BK
 = 3+190.553 Ahd
 P1 #6
 Side Line Sta 6+023.271 BK
 (No Curve Run)
 PDE Bethel Mills Drive
 Sta 9+057.434 =
 ML POST 3+193.225
 = 75° 52' 34.04" LT
 Existing Aerial
 3Ø Power

Begin Approach
Sta 3+020.000

BM #2
Elev 183.972

3rd Branch of
the White River
FLOW

- 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
- Bridge Rail - HD5B (Mod)
Sta 3+112.000 Lt - 3+172.960 Lt
Sta 3+112.000 Rt - 3+172.960 Rt
- Remove & Salvage Light Pole
Sta 3+191.400 Lt

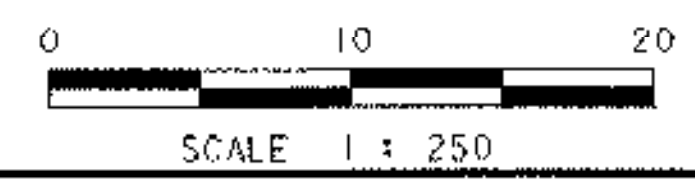
- Vertical Granite Curb (Modified)
Sta 3+028.250 - 3+053.500 Rt
Sta 3+066.500 - 3+111.750 Rt
Sta 3+173.000 - 3+189.500 Rt
Sta 3+205.300 - 3+214.000 Rt
- 1200 x 1200 Drop Inlet
④ Sta 3+110.000 Rt
⑥ Sta 3+187.600 Rt
- Changing Elevation of DI, CB or MH
① Sta 3+046.000 Rt
- Capping Existing Drop Inlets
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



PROJECT: **BETHEL**
 DESIGN FILE NAME: s96]250]structures]e96]250]br-cl.dgn
 IPARM FILE NAME: s96]250]a2-cl.i
 SURVEYED BY: ORVIS
 SQUAD LEADER: C.P. WILLIAMS
 LAYOUT SHEET 2

PROJECT NO.: **BRF 0241 (33) -C1**
 PLOT DATE: 09-JUL-2003
 SURVEY DATE: 10/99
 DRAWN BY: KMH
 SHEET: 9 OF 47