

★ DENOTES STAGE 2 ITEMS

Stone Fill For Slope Protection (Heavy Type) Item 511
 NB 2322+11-2324+36 LT
 NB 2325+18-2327+13 RL
 NB 2326+44-2327+56 LT
 NB 2326+32-2327+64 RL
 SB 2324+58-2325+70 LT
 SB 2324+66-2325+79 RL
 SB 2327+80-2330+11 LT
 SB 2327+87-2330+12 RL

Drilling & Blasting of Solid Rock Subgrade Item 115
 SB 2320+00-2325+00
 NB 2320+00-2320+50

Stone Fill For Slope Protection (Light Type) Item 512
 RAMP "A" 3+50 RT (See Data)
 RAMP "B" 6+90 RT (See Data)
 NB 2325+18-2327+13 RL
 NB 2326+44-2327+56 LT
 NB 2326+32-2327+64 RL
 SB 2324+58-2325+70 LT
 SB 2324+66-2325+79 RL
 SB 2327+80-2330+11 LT
 SB 2327+87-2330+12 RL

Three Cable Guard Rail w/ Light Steel Posts Item 538
 NB 2327+10-2335+00 LT
 SB 2327+10-2335+00 RL
 SB 2329+68-2335+00 RL

Treated Timber Curb Item 537
 NB 2327+10-2335+00 LT
 SB 2327+10-2335+00 RL
 SB 2329+68-2335+00 RL

Bituminous Concrete Surface For Gutters & Traffic Islands, MOD Item 554
 NB 2326+64-2326+76 RL
 NB 2327+10-2335+00 LT
 SB 2327+10-2335+00 RL
 SB 2329+68-2335+00 RL

Standard Steel Beam Guard Rail w/ Steel Posts (6'-3" Spacing) Item 545-A
 NB 2332+35-2334+00 RT
 NB 2332+35-2334+00 LT
 Ramp "B" 4+00-5+84 RT
 Ramp "D" 0+00-5+84 RT
 RAMP SA-2 38+00-40+00 RT

PROPERTY LINE FENCE WITH STEEL POSTS ITEM 583-I MCO.		
STA.	STA.	POS.
2318+00	Ramp "A" 5+00	RT
Ramp "B" 4+00	2334+00	RT
SOUTHBOUND		
Ramp "C" 5+95	Ramp "C" 1+80	RT
Ramp SA-2 3+90	2335+00	LT

MATCH LINE SEE SHEET No. 28

MATCH LINE SEE SHEET No. 31

RAMP "A" CURVE DATA
 PI 2+28.45
 Δ 1+31.03
 D = 54°47'55"
 R = 13°00'00"
 T = 228.45'
 L = 421.53'
 E = 55.69'
 Bank = 1" Per Ft.

RAMP "B" CURVE DATA
 PI 7+91.67
 Δ 7+56.97
 D = 54°28'19"
 R = 15°00'00"
 T = 440.74'
 L = 1770.25'
 E = 231.24'
 Bank = 5/8" Per Ft.

RAMP "C" CURVE DATA
 PI 0+74.61
 Δ 0+23.43
 D = 112°20'55"
 R = 50.00'
 T = 74.61'
 L = 98.04'
 E = 39.81'
 Bank = 1" Per Ft.

RAMP "D" CURVE DATA
 PI 8+59.58
 Δ 4°12'00"
 D = 0°15'00"
 R = 22.91831'
 T = 84.038'
 L = 440.74'
 E = 16.8000'
 Bank = 1/4" Per Ft.

RAMP "E" CURVE DATA
 PI 1+47.61
 Δ 16°07'47"
 D = 5°30'00"
 R = 1041.74'
 T = 147.61'
 L = 293.27'
 E = 1041.1'
 Bank = 3/4" Per Ft.

RAMP "F" CURVE DATA
 PI 1+59.00
 Δ 0°07'30"
 D = 45.83562'
 T = 79.341'
 L = 158.67'
 E = 6.87'
 No Bank

FOR PELLAN AND PROFILE OF SA-2 SEE SHEETS 32 & 33 OF 426

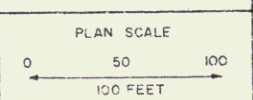
FOR PROFILE OF RAMPS SEE SHEETS 34-36 OF 426

FOR LAYOUT AND GRADING OF INTERCHANGE SEE SHEETS 59-62 OF 426

EXCEPT AT 108' LT OF STA 2326+93 SB, LT CONTROL OF ACCESS IS COMPLETE ON THIS SHEET

FOR ADDITIONAL DRAINAGE NOTES SEE SHEET 32 & 33 OF 426

NOTE: SEE BR100 SERIES FOR THE ABOVE STRUCTURES



STAGE 2 CONSTRUCTION

BROOKFIELD-WILLIAMSTOWN BERLIN
 I 89-1 (11) (29)

CONTRACT NO. 2

SHEET 30 OF 426
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