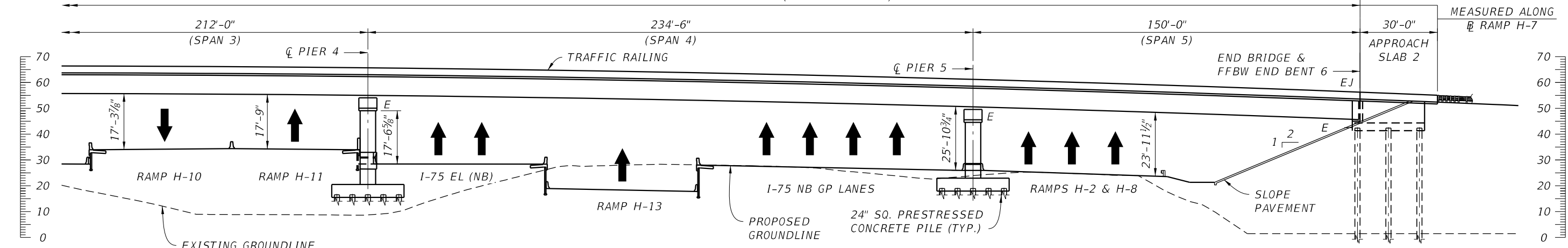


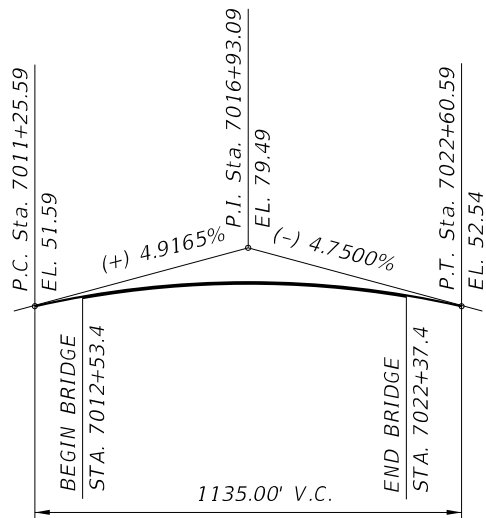
PLAN

984'-0" - 5 SPAN CONTINUOUS UNIT (OVERALL LENGTH)



ELEVATION

NOTE:  
1. EXISTING GROUNDLINE CUT ALONG RAMP H-7.



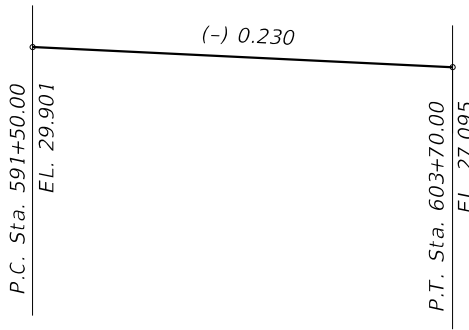
**HORIZONTAL CURVE DATA  
RAMP H7-2**

P.I. Sta. 7010+74.31  
P.T. Sta. 7013+70.33  
P.C. Sta. 7007+75.34  
 $\Delta = 13^{\circ} 54' 51.76''$   
 $D = 2^{\circ} 20' 18.97''$   
 $T = 298.96'$   
 $L = 594.99'$   
 $R = 2,450.00'$   
 $e = 0.039$

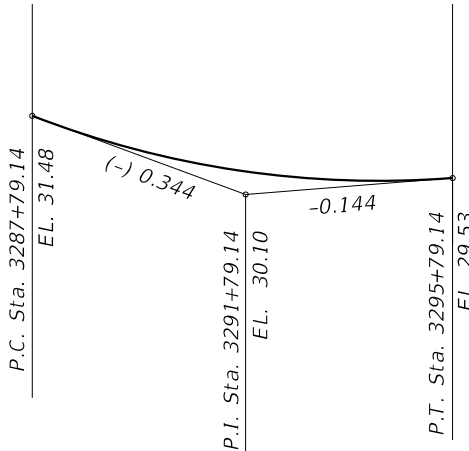
**HORIZONTAL CURVE DATA  
RAMP H7-3**

P.I. Sta. 7023+83.68  
P.T. Sta. 7028+90.56  
P.C. Sta. 7013+70.33  
 $\Delta = 96^{\circ} 46' 51.51''$   
 $D = 6^{\circ} 21' 58.31''$   
 $T = 1,013.36'$   
 $L = 1,520.23'$   
 $R = 900.00'$   
 $e = 0.085$

**VERTICAL CURVE DATA  
RAMP H-7**



**VERTICAL CURVE DATA  
I-75 GP LANES SB**



**VERTICAL CURVE DATA  
I-75 EXPRESS LANES SB**

**HORIZONTAL CURVE DATA  
I-75 GP LANES SB**

P.I. Sta. 586+19.69  
P.T. Sta. 589+58.38  
P.C. Sta. 582+80.88  
 $\Delta = 2^{\circ} 38' 25''$   
 $D = 0^{\circ} 23' 23''$   
 $T = 338.813'$   
 $L = 677.506'$   
 $R = 14702.000'$   
 $e = 3.904$

**HORIZONTAL CURVE DATA  
EXPRESS LANES SB-1**

P.I. Sta. 3283+55.74  
P.T. Sta. 3287+78.39  
P.C. Sta. 3279+32.86  
 $\Delta = 3^{\circ} 17' 14''$   
 $D = 0^{\circ} 23' 20''$   
 $T = 422.882'$   
 $L = 845.532'$   
 $R = 14,738.000'$   
 $e = 6.066$

**HORIZONTAL CURVE DATA  
EXPRESS LANES SB-2**

P.I. Sta. 3290+39.22  
P.T. Sta. 3293+00.00  
P.C. Sta. 3287+78.39  
 $\Delta = 1^{\circ} 42' 25''$   
 $D = 0^{\circ} 19' 38''$   
 $T = 260.823'$   
 $L = 521.608'$   
 $R = 17,507.475'$   
 $e = 1.943$

**TRAFFIC DATA RAMP H-7**

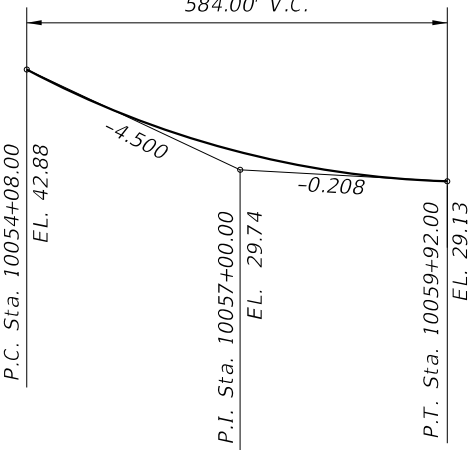
OPENING YEAR (2017) AADT= 5,200  
FUTURE YEAR (2027) AADT= 6,200  
DESIGN YEAR (2037) AADT= 7,100  
 $K=8.27\%$   $D=100.0\%$   $T=3.8\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH

**TRAFFIC DATA I-75 GP LANES SB**

OPENING YEAR (2017) AADT= 109,000  
FUTURE YEAR (2027) AADT= 131,700  
DESIGN YEAR (2037) AADT= 159,000  
 $K=8.25\%$   $D=61.0\%$   $T=5.5\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH

**TRAFFIC DATA EXPRESS LANES SB**

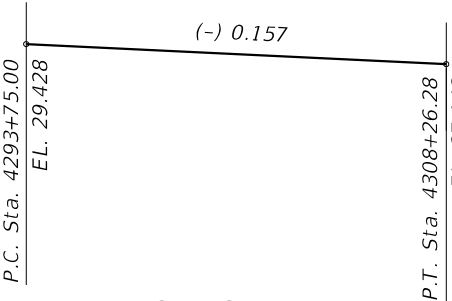
OPENING YEAR (2017) AADT= 14,000  
FUTURE YEAR (2027) AADT= 16,900  
DESIGN YEAR (2037) AADT= 20,400  
 $K=8.25\%$   $D=61.0\%$   $T=5.5\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH



**HORIZONTAL CURVE DATA  
RAMP H-10**

P.I. Sta. 10061+63.47  
P.T. Sta. 10065+42.59  
P.C. Sta. 10057+84.32  
 $\Delta = 1^{\circ} 17' 01''$   
 $D = 0^{\circ} 10' 09''$   
 $T = 379.150'$   
 $L = 758.269'$   
 $R = 33,843.081'$   
 $e = 2.124$

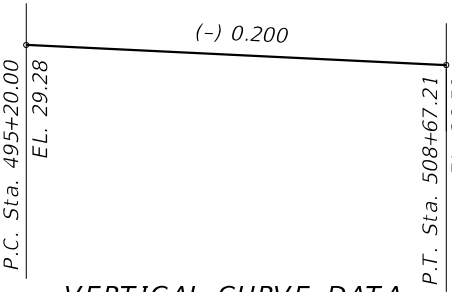
**VERTICAL CURVE DATA  
RAMP H-10**



**VERTICAL CURVE DATA  
I-75 EXPRESS LANES NB**

**HORIZONTAL CURVE DATA  
EXPRESS LANES NB**

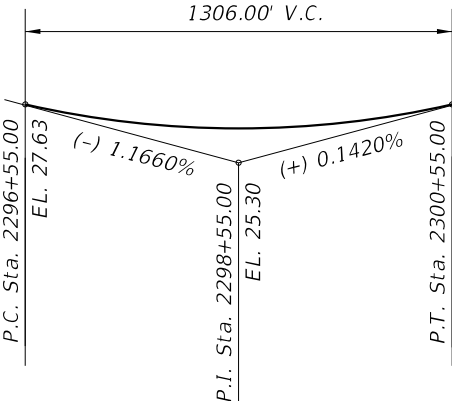
P.I. Sta. 4294+37.16  
P.T. Sta. 4301+06.98  
P.C. Sta. 4287+67.17  
 $\Delta = 2^{\circ} 14' 22''$   
 $D = 0^{\circ} 10' 02''$   
 $T = 669.992'$   
 $L = 1,339.814'$   
 $R = 34,280.807'$   
 $e = 6.547$



**VERTICAL CURVE DATA  
I-75 GP LANES NB**

**HORIZONTAL CURVE DATA  
I-75 GP LANES NB**

P.I. Sta. 498+13.38  
P.T. Sta. 504+86.76  
P.C. Sta. 491+39.06  
 $\Delta = 5^{\circ} 14' 37''$   
 $D = 0^{\circ} 23' 21''$   
 $T = 674.320'$   
 $L = 1,347.698'$   
 $R = 14,726.000'$   
 $e = 15.431$



**VERTICAL CURVE DATA  
RAMP H-2**

**HORIZONTAL CURVE DATA  
I-75 GP LANES NB**

P.I. Sta. 2301+74.71  
P.T. Sta. 2303+80.00  
P.C. Sta. 2299+68.68  
 $\Delta = 8^{\circ} 22' 51''$   
 $D = 2^{\circ} 02' 15''$   
 $T = 206.027'$   
 $L = 411.318'$   
 $R = 2,812.000'$   
 $e = 7.537$

**TRAFFIC DATA RAMP H-10**

OPENING YEAR (2017) AADT= 8,200  
FUTURE YEAR (2027) AADT= 9,700  
DESIGN YEAR (2037) AADT= 11,200  
 $K=8.50\%$   $D=100.0\%$   $T=3.8\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH

**TRAFFIC DATA I-75  
EXPRESS LANES NB**

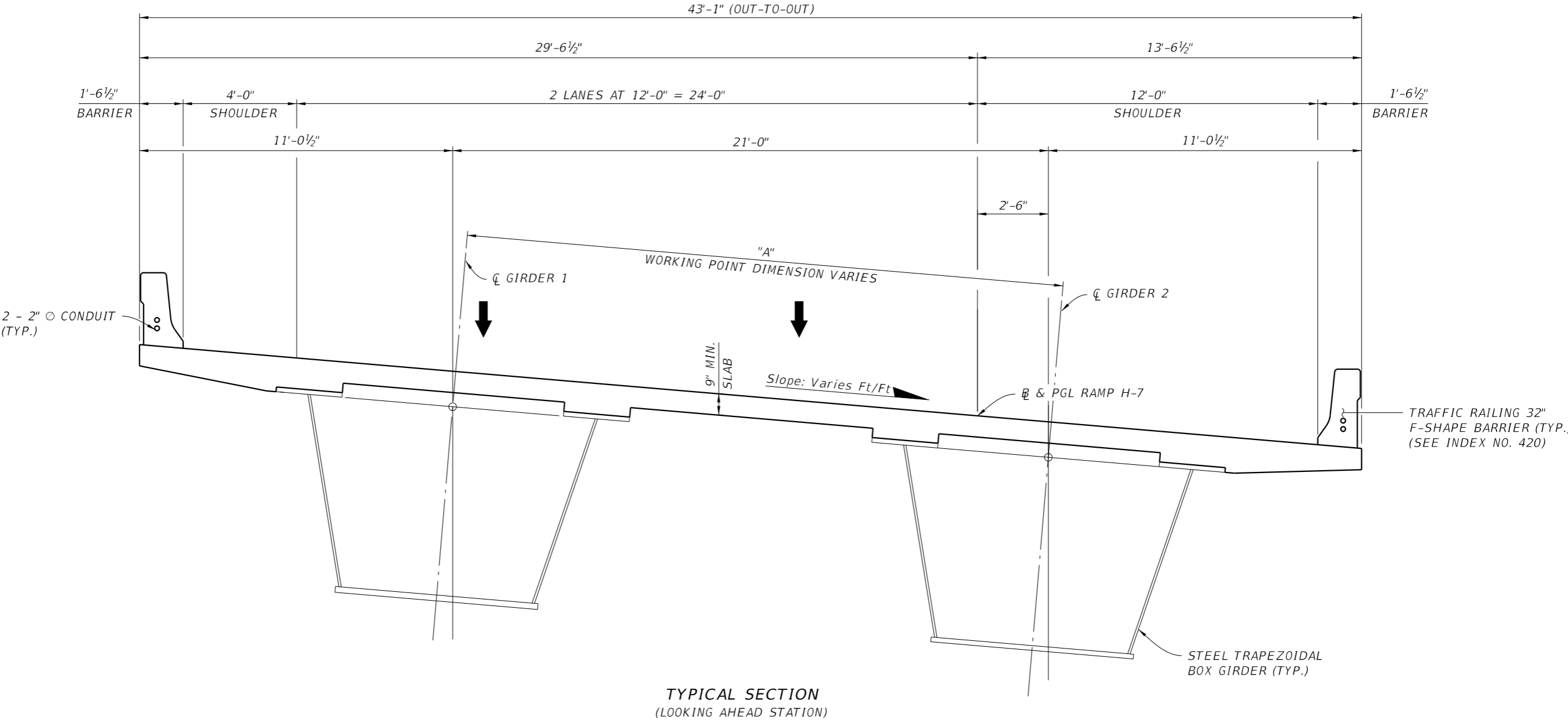
OPENING YEAR (2017) AADT= 14,000  
FUTURE YEAR (2027) AADT= 16,900  
DESIGN YEAR (2037) AADT= 20,400  
 $K=8.25\%$   $D=61.0\%$   $T=5.5\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH

**TRAFFIC DATA I-75 GP LANES NB**

OPENING YEAR (2017) AADT= 109,000  
FUTURE YEAR (2027) AADT= 131,700  
DESIGN YEAR (2037) AADT= 159,000  
 $K=8.25\%$   $D=61.0\%$   $T=5.5\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH

**TRAFFIC DATA RAMP H-2**

OPENING YEAR (2017) AADT= 24,900  
FUTURE YEAR (2027) AADT= 29,300  
DESIGN YEAR (2037) AADT= 33,800  
 $K=8.50\%$   $D=100.0\%$   $T=3.8\%$  (24 HOURS)  
DESIGN SPEED= 45 MPH



SUPERELEVATION TRANSITION	
STATION	CROSS SLOPE
STA. 7012+23.40 TO STA. 7012+59.83	0.039
STA. 7012+59.83 TO STA. 7014+80.83	VARIES FROM 0.039 TO 0.085
STA. 7014+80.83 TO STA. 7022+67.40	0.085

DIMENSION "A"	
STATION	WORKING POINT DIMENSION
STA. 7012+53.40 TO STA. 7014+80.83	VARIES FROM 21' - 0 3/16" TO 21' - 0 1 5/16"
STA. 7014+80.83 TO STA. 7022+37.40	21' - 0 1 5/16"