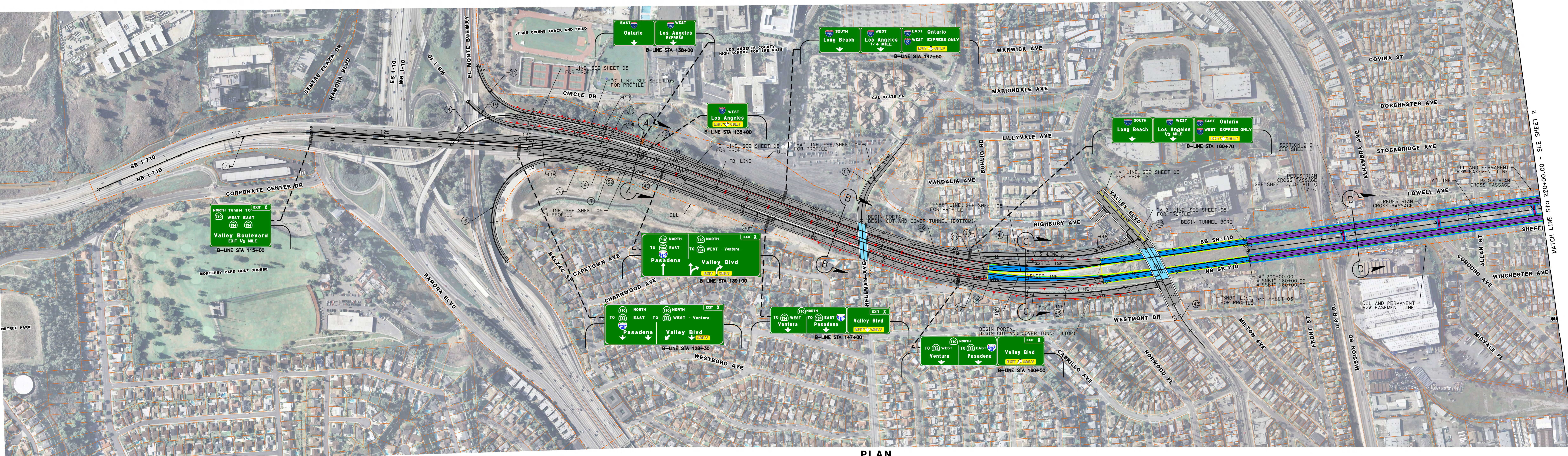
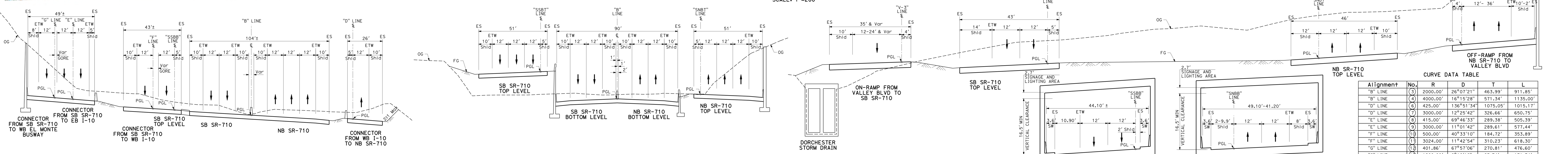


- LEGEND:**
- BRIDGE
 - CUT & COVER TUNNEL
 - TUNNEL BORING MACHINE (TBM)
 - PAVEMENT
 - TUNNEL CROSS PASSAGES
 - HISTORIC PROPERTY
 - DISTURBANCE LIMIT LINE (DLL)
 - SIGN BRIDGE
 - CANTILEVERED SIGN
 - SIGN MOUNTED ON A BRIDGE



PLAN
SCALE: 1"=200'



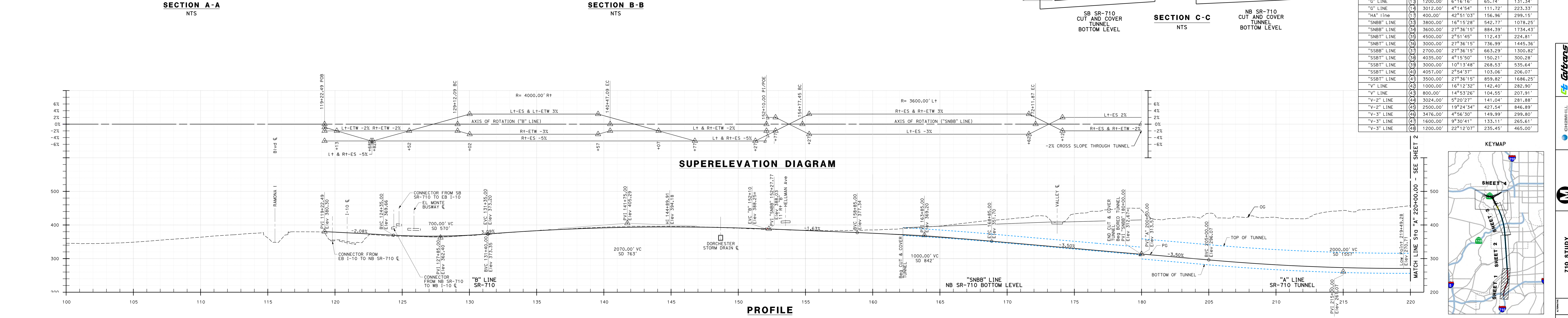
SECTION A-A
NTS

SECTION B-B
NTS

SECTION C-C
NTS

CURVE DATA TABLE

Alignment	No.	R	D	T	L
"B" LINE	(3)	2000.00'	26°07'21"	463.99'	911.85'
"B" LINE	(4)	4000.00'	16°15'28"	571.34'	1135.00'
"D" LINE	(6)	425.00'	136°51'34"	1075.05'	1075.17'
"D" LINE	(7)	3000.00'	12°25'42"	326.66'	650.75'
"E" LINE	(8)	415.00'	69°46'33"	289.38'	505.39'
"E" LINE	(9)	3000.00'	11°01'42"	289.61'	577.44'
"F" LINE	(1)	500.00'	40°33'10"	184.72'	353.89'
"F" LINE	(2)	3024.00'	11°42'54"	310.23'	618.30'
"G" LINE	(1)	401.86'	67°57'06"	270.81'	476.60'
"G" LINE	(2)	1200.00'	6°16'16"	65.74'	131.34'
"G" LINE	(3)	3012.00'	4°14'54"	111.72'	223.33'
"H" LINE	(7)	400.00'	42°51'03"	156.96'	299.15'
"SNBB" LINE	(3)	3800.00'	16°15'28"	542.77'	1078.25'
"SNBB" LINE	(4)	3600.00'	27°36'15"	884.39'	1734.43'
"SNBT" LINE	(3)	4500.00'	2°51'45"	112.43'	224.81'
"SNBT" LINE	(4)	3000.00'	27°36'15"	736.99'	1445.36'
"SSBT" LINE	(7)	2700.00'	27°36'15"	663.29'	1300.82'
"SSBT" LINE	(8)	4035.00'	4°15'50"	150.21'	300.28'
"SSBT" LINE	(9)	3000.00'	10°13'48"	268.53'	535.64'
"SSBT" LINE	(10)	4057.00'	2°54'37"	103.06'	206.07'
"SSBT" LINE	(11)	3500.00'	27°36'15"	859.82'	1686.25'
"V" LINE	(3)	1000.00'	16°12'32"	142.40'	282.90'
"V" LINE	(4)	800.00'	14°53'26"	104.55'	207.91'
"V-2" LINE	(4)	3024.00'	5°20'27"	141.04'	281.88'
"V-2" LINE	(5)	2500.00'	19°24'34"	427.54'	846.89'
"V-3" LINE	(4)	3476.00'	4°56'30"	149.99'	299.80'
"V-3" LINE	(5)	1600.00'	9°30'41"	133.11'	265.61'
"V-3" LINE	(6)	1200.00'	22°12'07"	235.45'	465.00'



SUPERELEVATION DIAGRAM

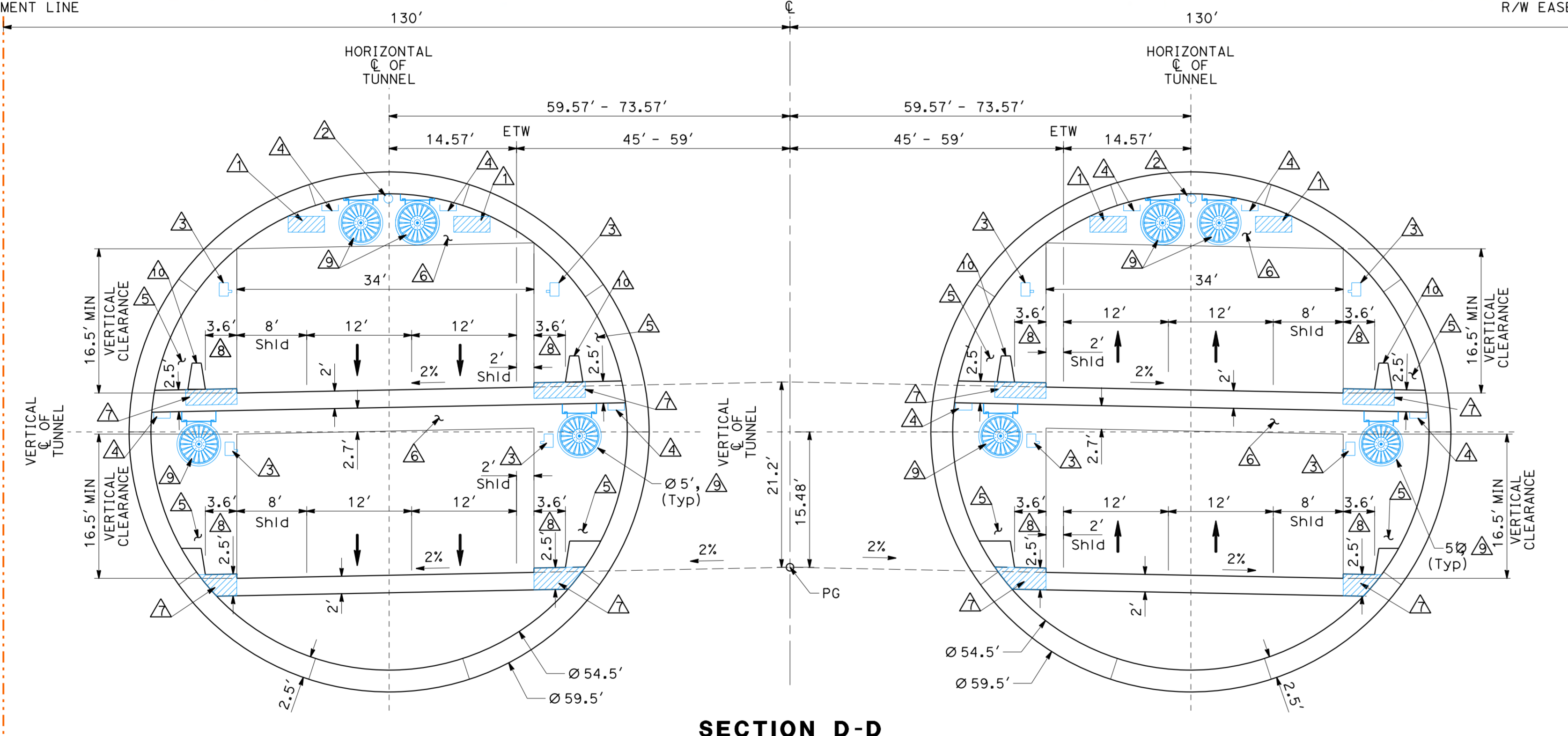
PROFILE
SCALE: Horiz 1"=200'
Vert 1"=80'



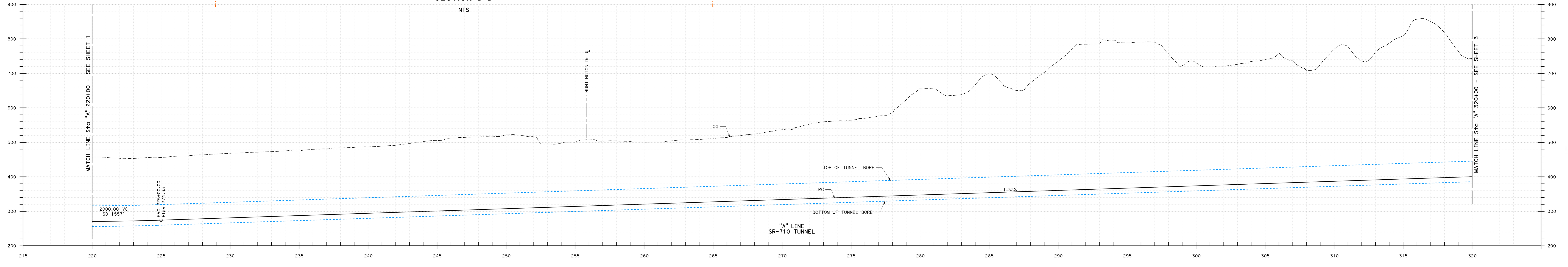
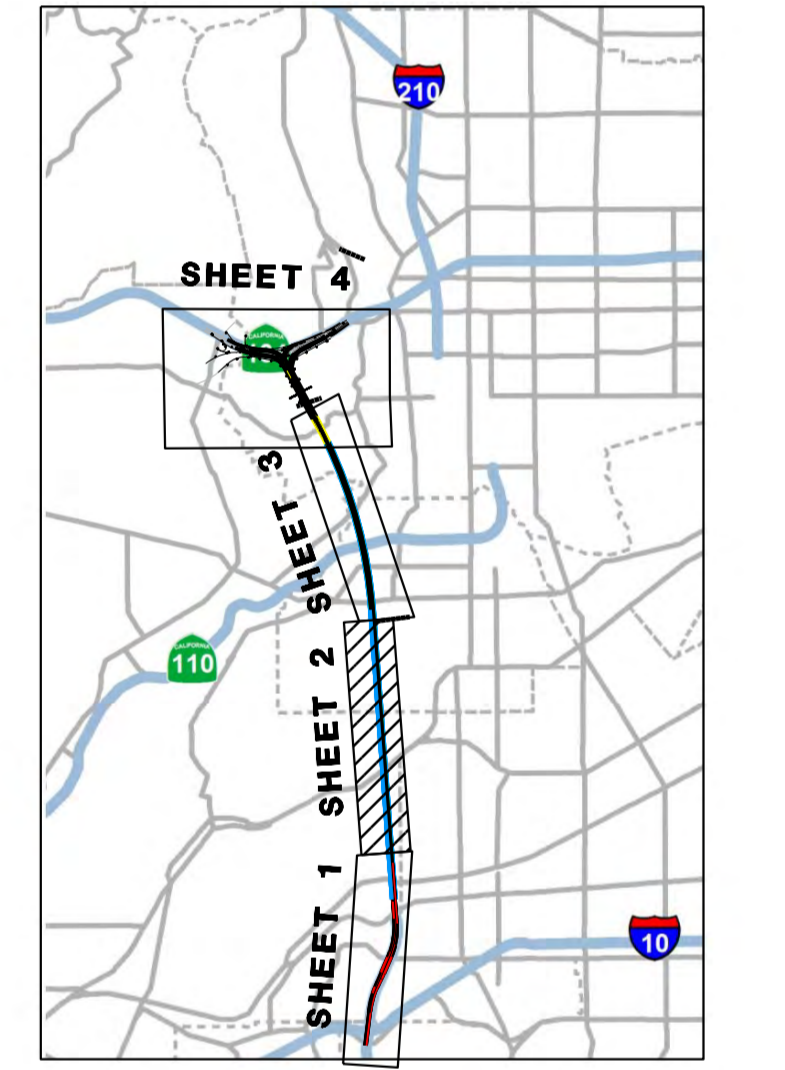
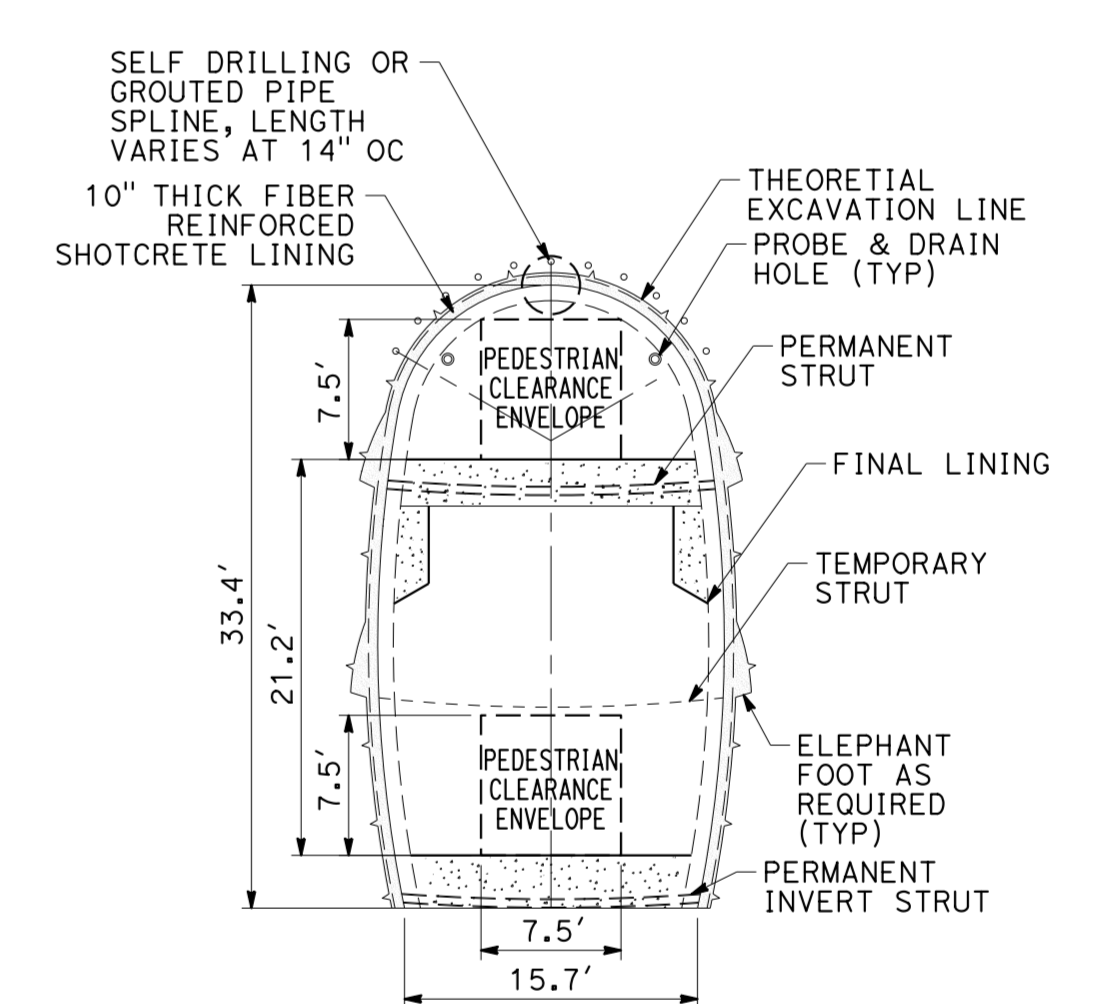
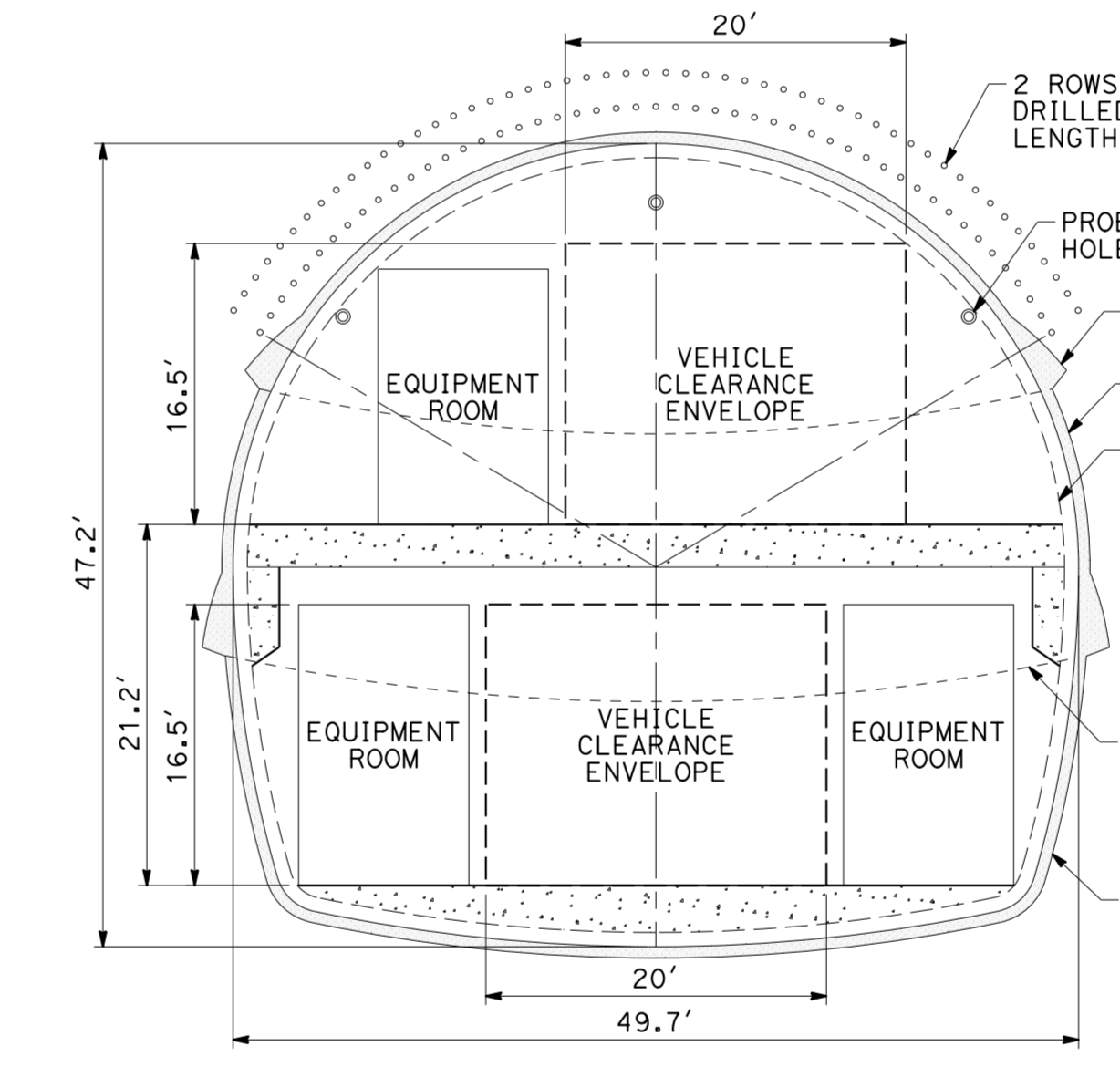
PLAN
SCALE: 1"=200'

KEYMAP

- LEGEND:**
- BRIDGE
 - CUT & COVER TUNNEL
 - TUNNEL BORING MACHINE (TBM)
 - PAVEMENT
 - TUNNEL CROSS PASSAGES
 - HISTORIC PROPERTY
 - DISTURBANCE LIMIT LINE (DLL)



- NOTES:**
- △ AREA FOR LIGHTING EQUIPMENT, APPROX. 2.0'X1.5'
 - △ AUTOMATIC FIRE DETECTION SYSTEM
 - △ CCTV/VIDEO DETECTION SYSTEM AREA FOR MEASUREMENT EQUIPMENT, APPROX. 0.8'X1.0'
 - △ CABLE TRAY
 - △ AREA FOR EMERGENCY CABINET, FIRE FIGHTING SYSTEM
 - △ TRAFFIC SIGNS (SIZE SHALL BE DETERMINED)
 - △ AREA FOR CABLES AND WATER SUPPLY AND FIRE FIGHTING SYSTEM, APPROX. 4.0'X2.0'
 - △ EMERGENCY WALKWAY
 - △ VENTILATION JET FAN
 - △ CONC BARRIER TYPE 60

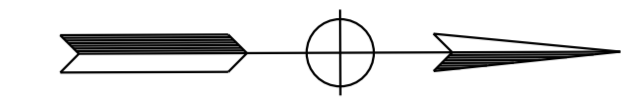


PROFILE
SCALE: Horiz 1"=200'
Vert 1"=80'

- LEGEND:
- BRIDGE
 - CUT & COVER TUNNEL
 - TUNNEL BORING MACHINE (TBM)
 - PAVEMENT
 - TUNNEL CROSS PASSAGES
 - HISTORIC PROPERTY
 - DISTURBANCE LIMIT LINE (DLL)
 - APPROXIMATE RAYMOND FAULT ZONE

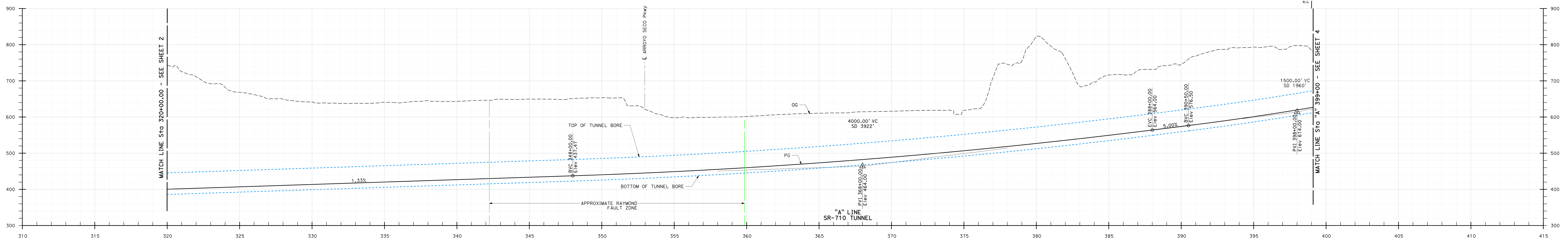
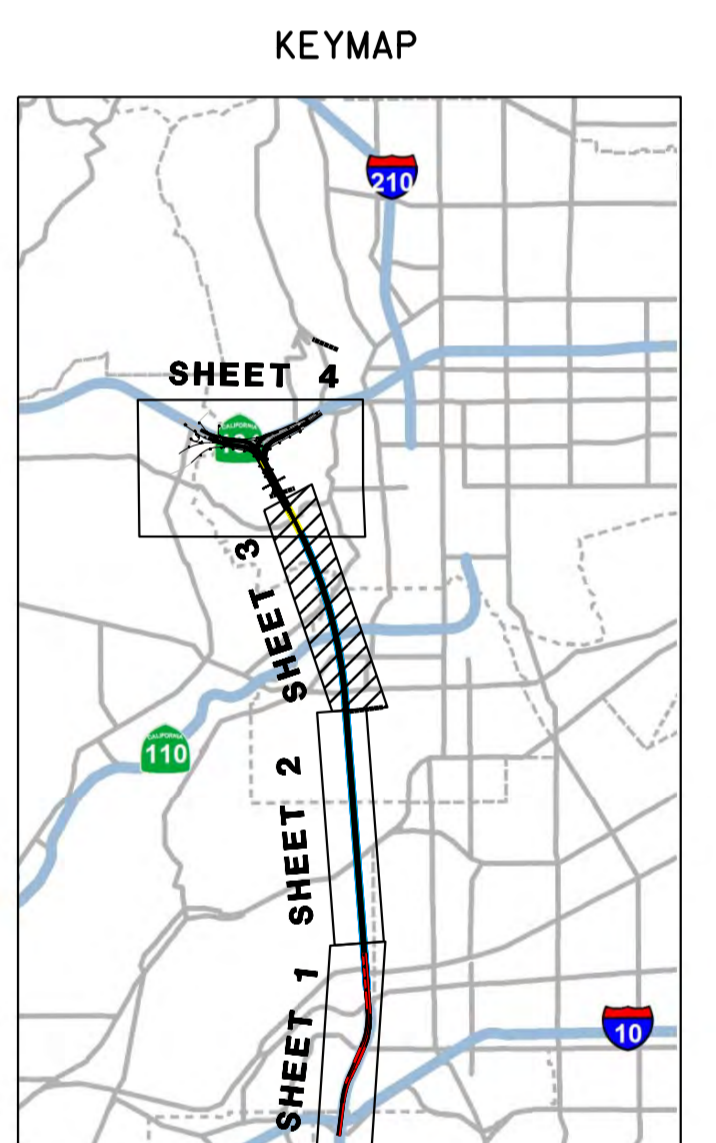


PLAN
SCALE: 1"=200'

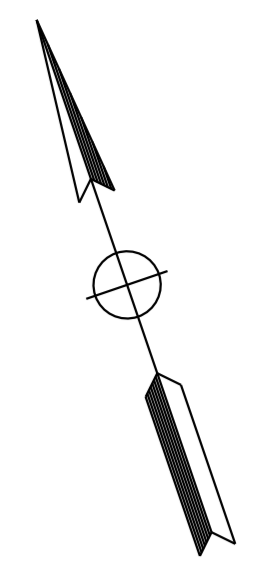


CURVE DATA TABLE

No.	R	D	T	L
CS	20100.00'	24°16'42"	4323.44'	8517.15'



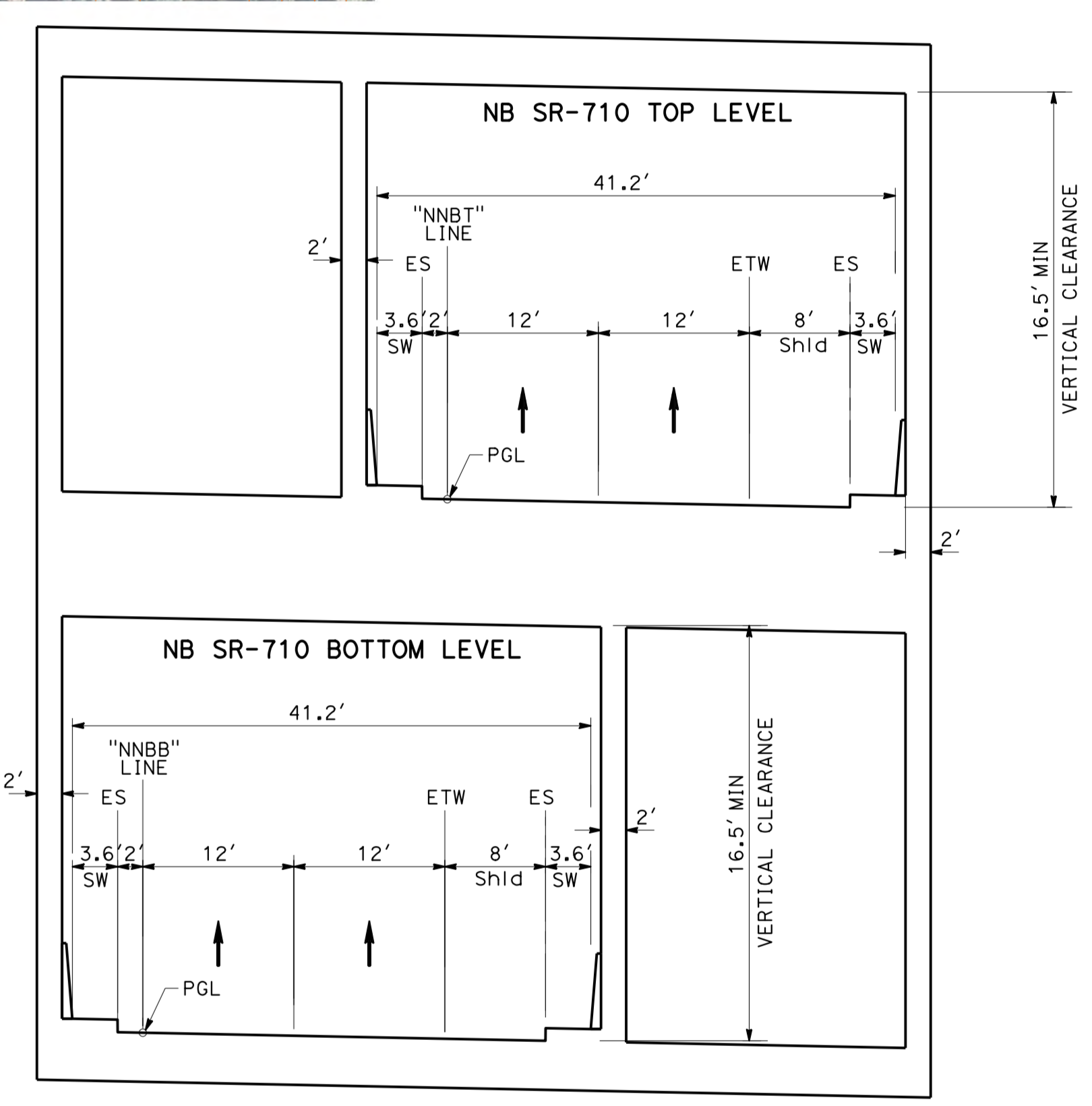
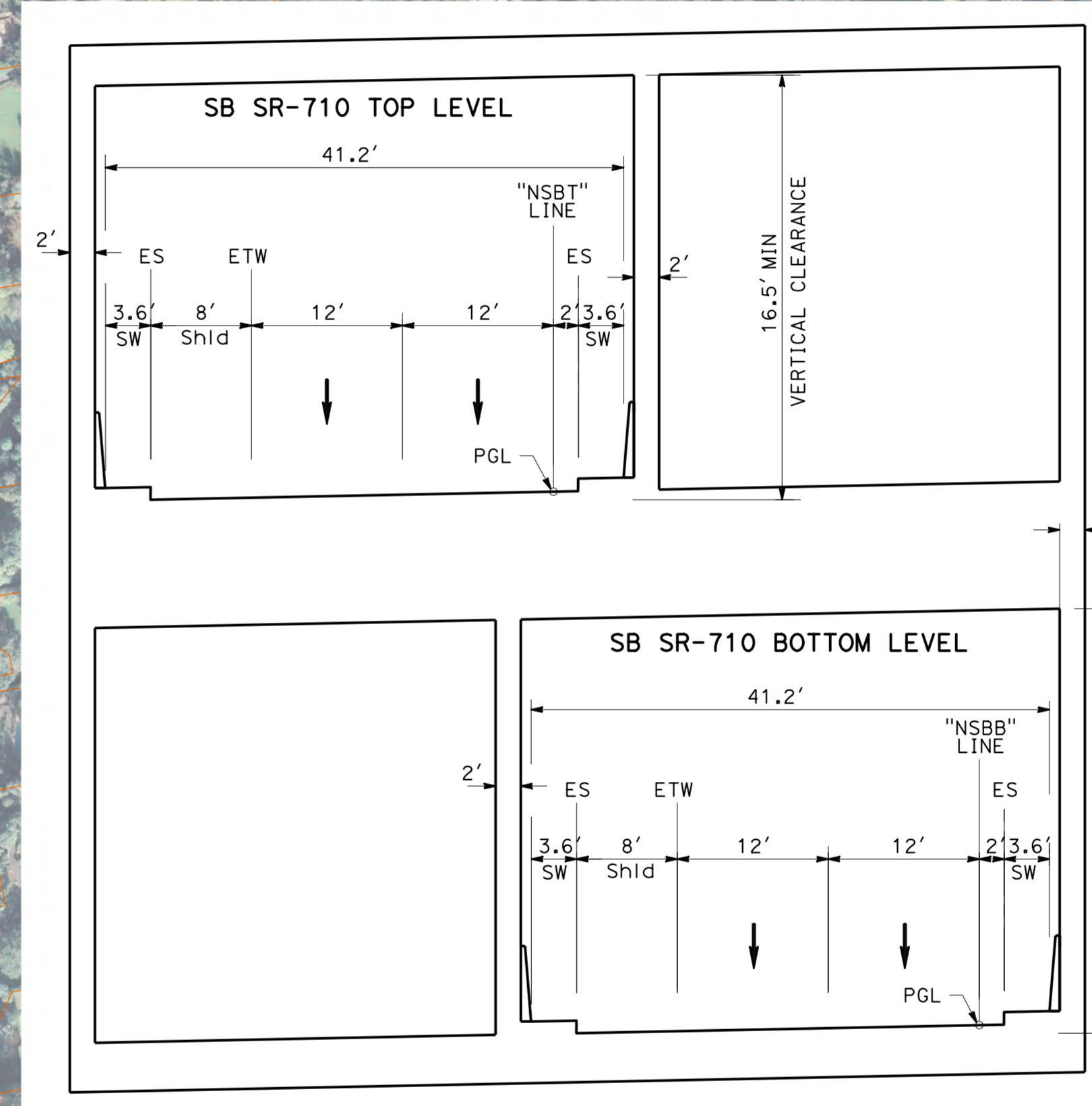
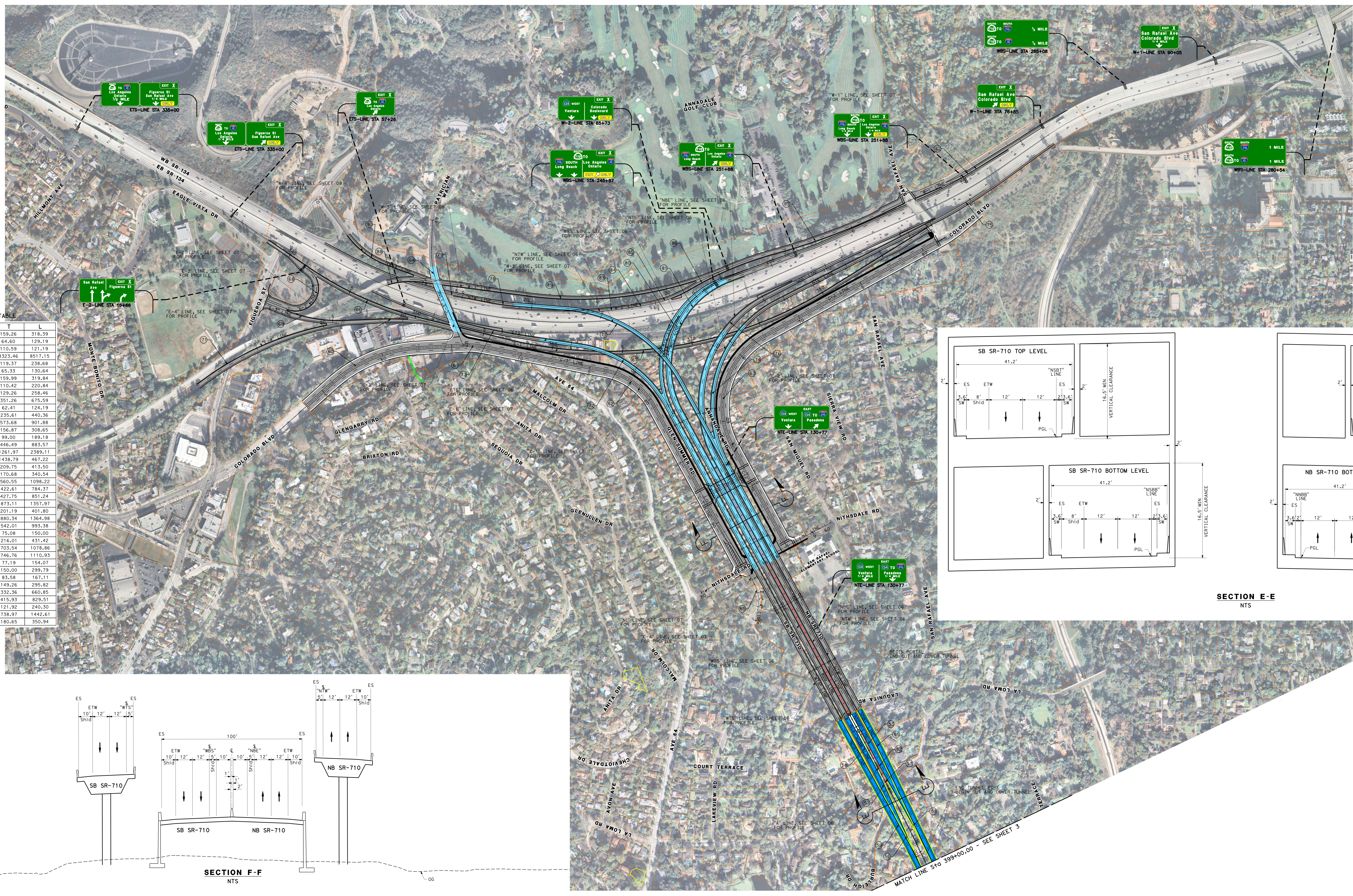
PROFILE
SCALE: Horiz 1"=200'
Vert 1"=80'



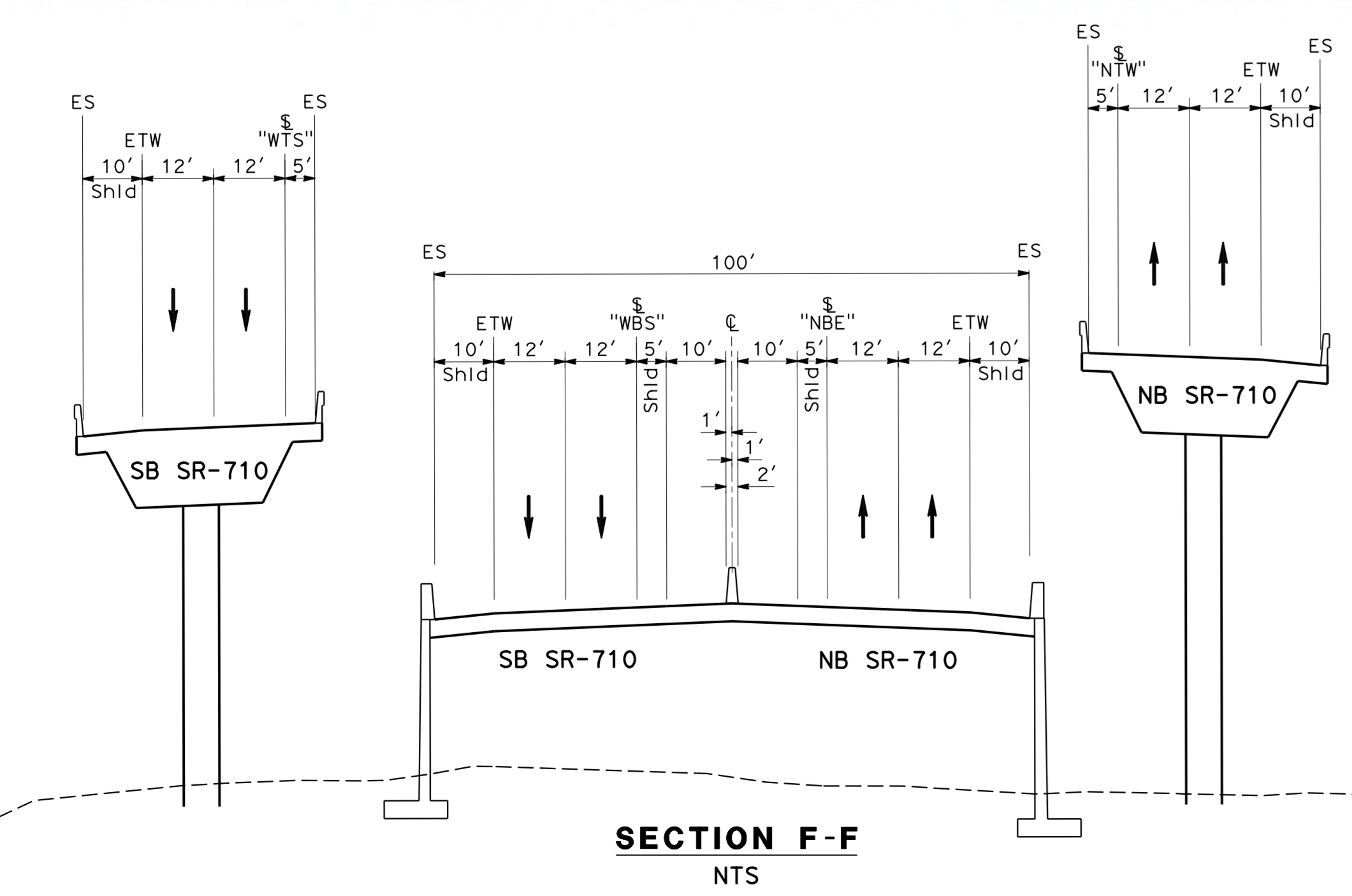
- LEGEND:
- BRIDGE
 - CUT & COVER TUNNEL
 - TUNNEL BORING MACHINE (TBM)
 - PAVEMENT
 - TUNNEL CROSS PASSAGES
 - HISTORIC PROPERTY
 - DISTURBANCE LIMIT LINE (DLL)
 - SIGN BRIDGE
 - CANTILEVERED SIGN
 - SIGN MOUNTED ON A BRIDGE

CURVE DATA TABLE

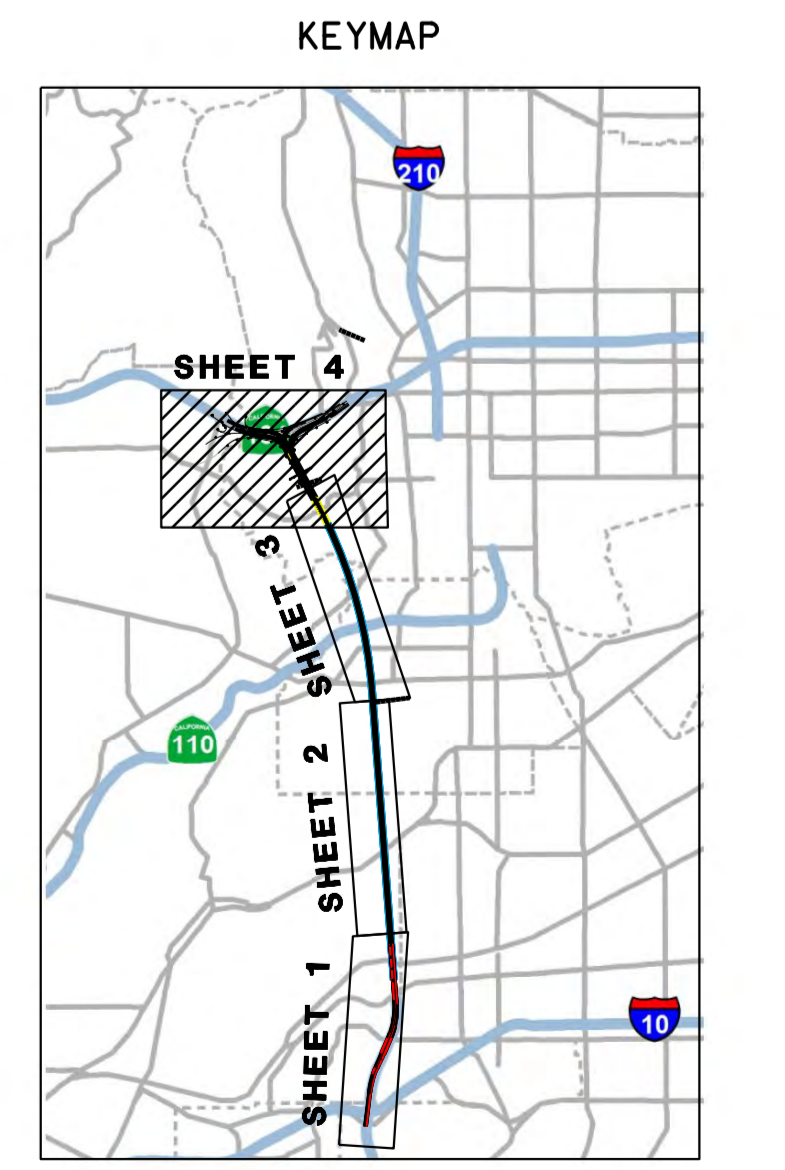
No.	R	D	T	L
01	4500.00	4°03'14"	159.26	318.39
02	4500.00	1°38'42"	64.60	129.19
03	20116.00	0°37'48"	110.59	121.19
04	20100.00	24°16'42"	4323.46	8517.15
05	4500.00	3°02'20"	119.37	238.68
06	4500.00	1°39'48"	65.33	130.64
07	4500.00	4°04'21"	159.99	319.84
08	20084.00	0°37'48"	110.42	220.84
09	4500.00	3°17'27"	129.26	258.46
10	1000.00	38°42'30"	351.26	675.59
11	500.00	14°13'51"	62.41	124.19
12	500.00	50°27'40"	235.61	440.36
13	575.00	89°52'05"	573.68	901.88
14	700.00	25°15'47"	156.87	308.65
15	260.00	41°41'19"	99.00	189.18
16	2488.00	20°20'51"	446.49	883.57
17	3000.00	45°37'43"	1261.97	2389.11
18	160.00	16°18'33"	1438.79	467.22
19	1000.00	23°41'31"	209.75	413.50
20	2000.00	9°45'20"	170.68	340.54
21	2224.00	28°17'35"	560.55	1098.22
22	850.00	52°52'19"	422.61	784.37
23	3482.31	14°00'21"	427.75	851.24
24	850.00	91°32'12"	873.11	1357.97
25	3081.81	7°28'12"	201.19	401.80
26	850.00	92°00'33"	880.34	1364.98
27	1000.00	56°54'59"	542.01	993.38
28	1350.00	6°21'58"	75.08	150.00
29	3326.16	7°25'54"	216.01	431.42
30	660.00	93°39'27"	703.54	1078.86
31	650.00	97°55'32"	746.76	1110.93
32	1000.00	8°49'40"	77.19	154.07
33	3329.67	5°09'31"	150.00	299.79
34	3000.00	3°11'30"	83.58	167.11
35	900.00	18°49'57"	149.26	295.82
36	2500.00	15°08'44"	332.36	660.85
37	4500.00	10°33'42"	415.93	829.51
38	576.19	23°53'42"	121.92	240.30
39	2700.00	30°36'48"	738.97	1442.61
40	600.00	33°30'44"	180.65	350.94

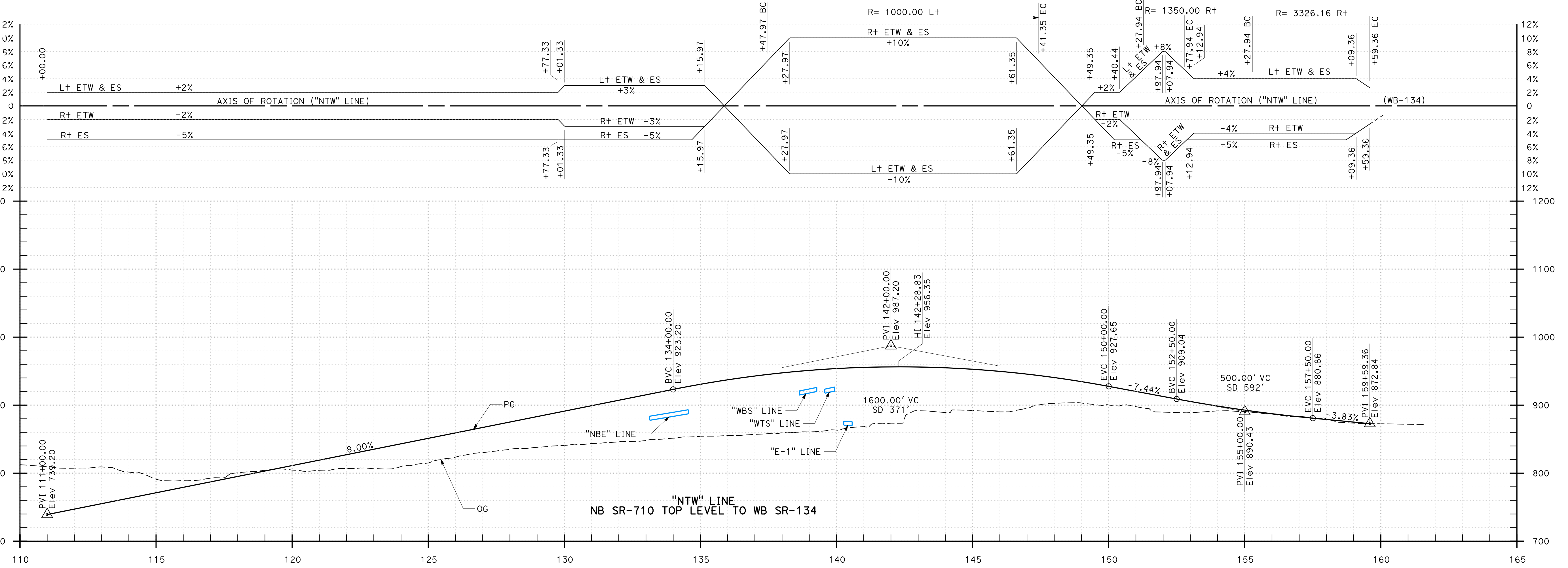
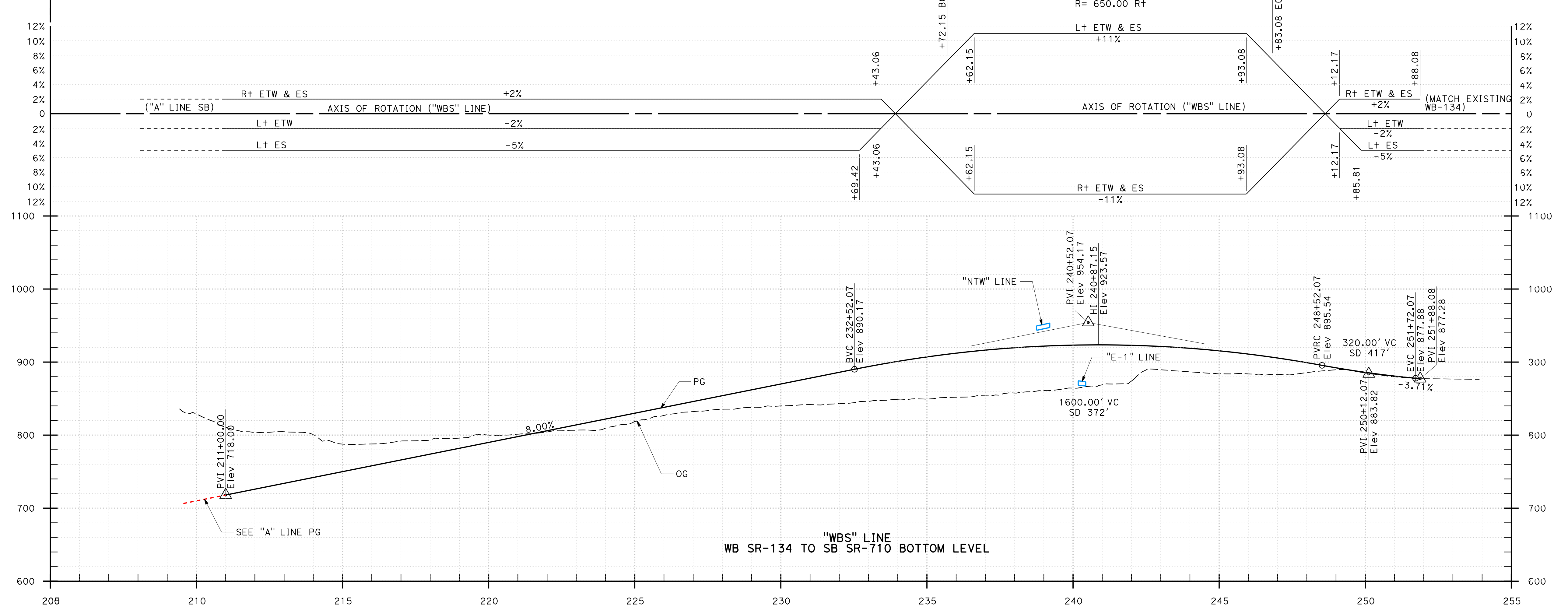
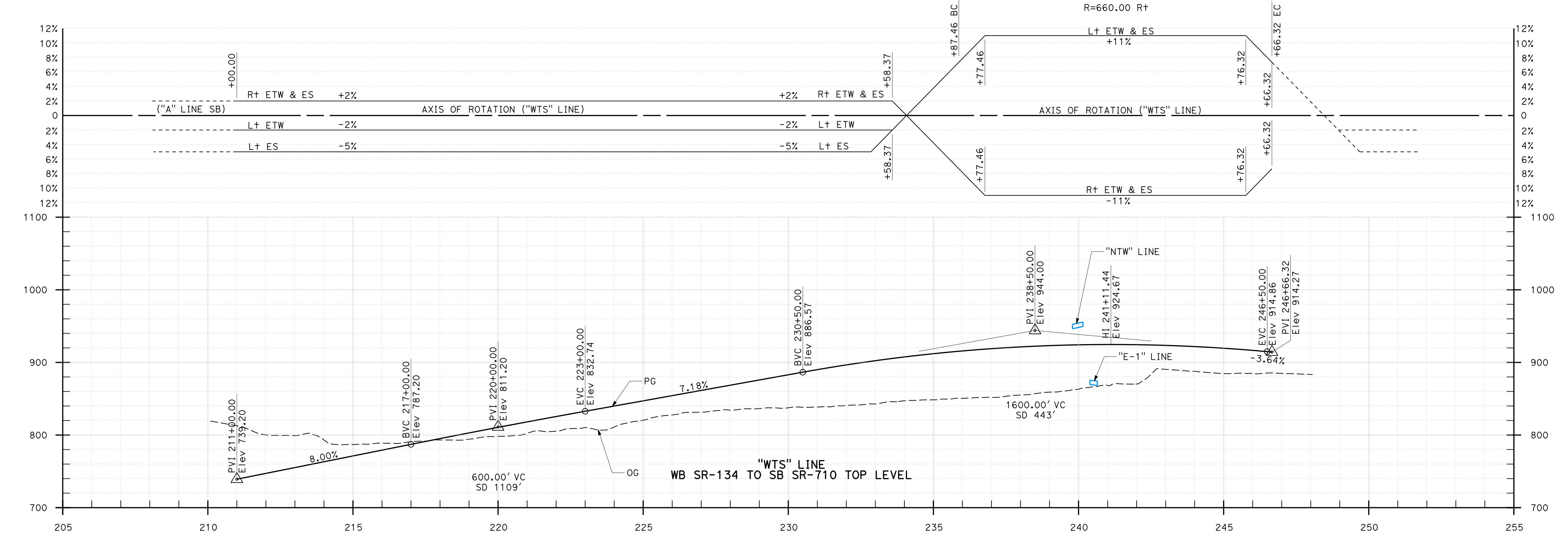
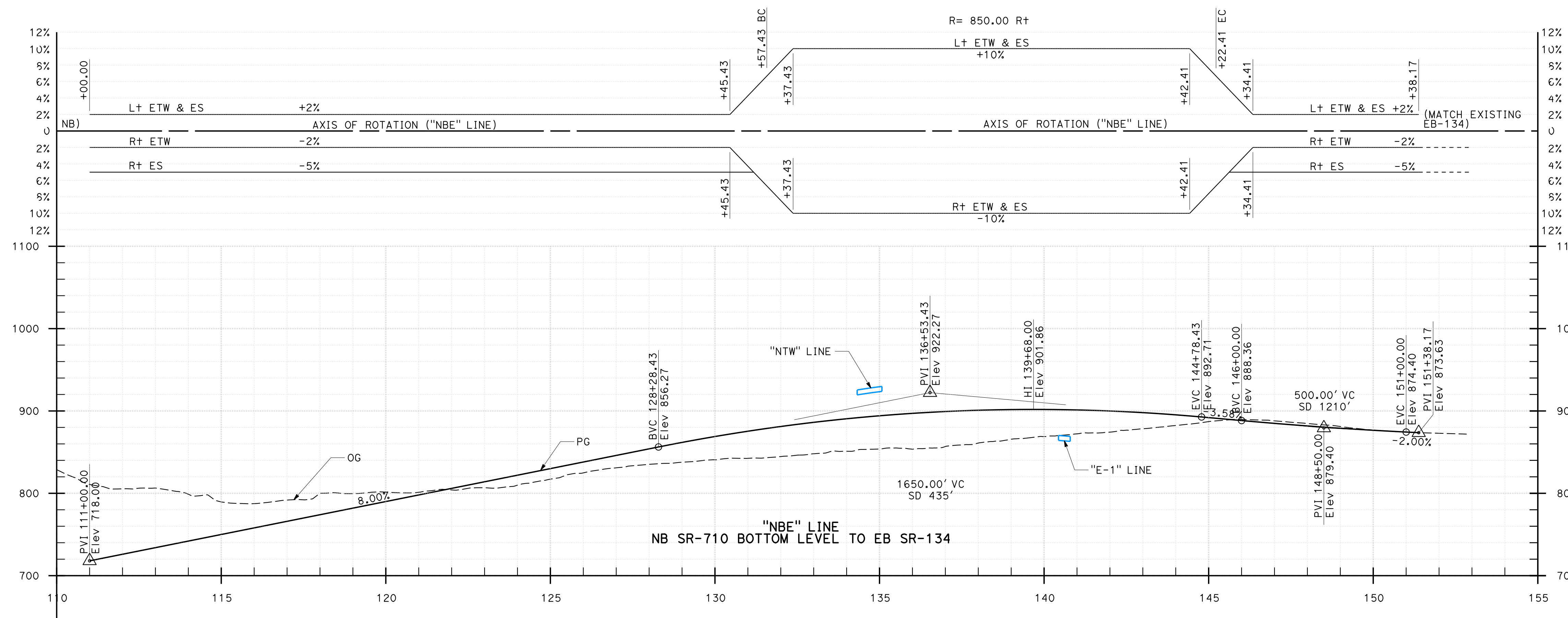
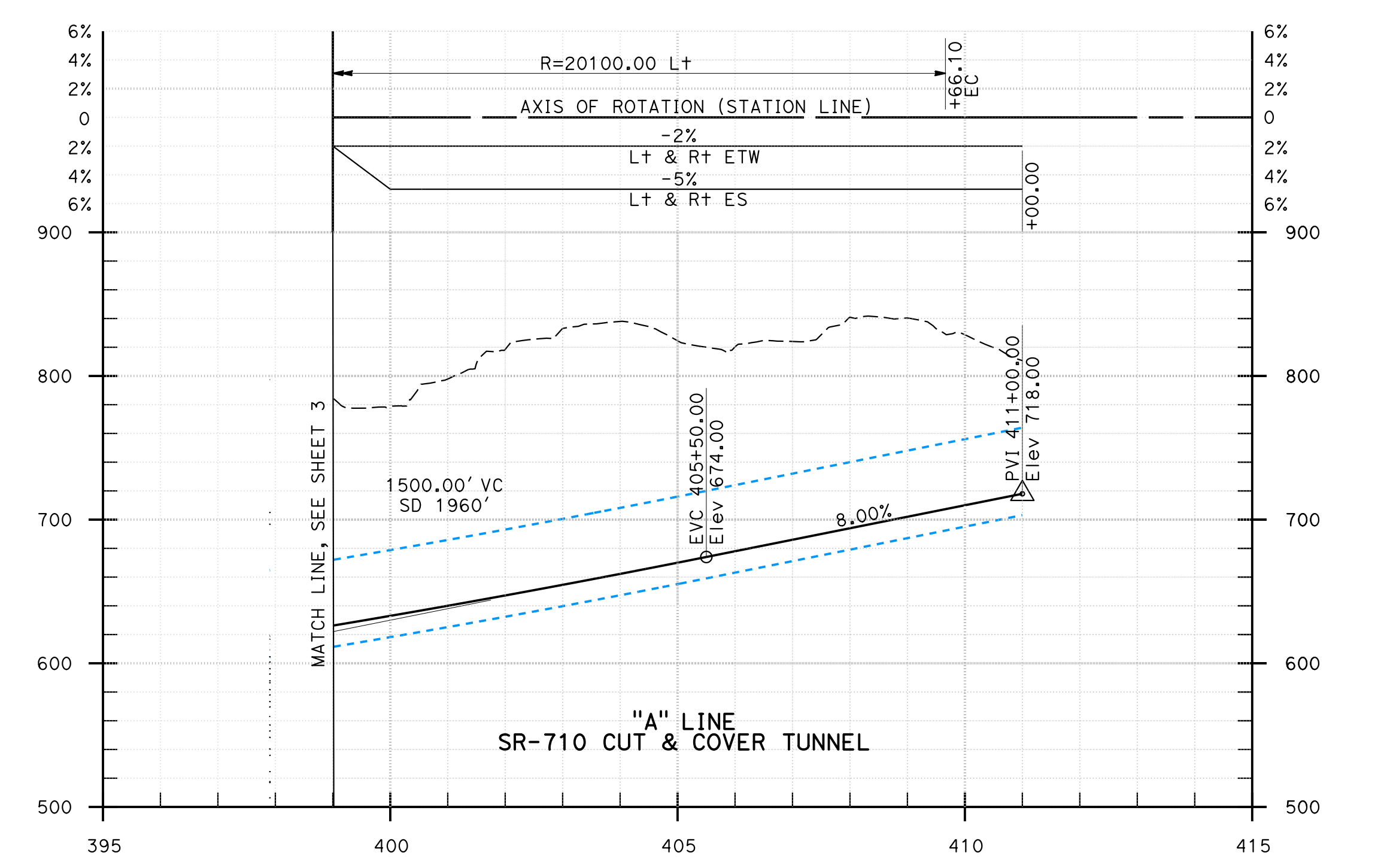
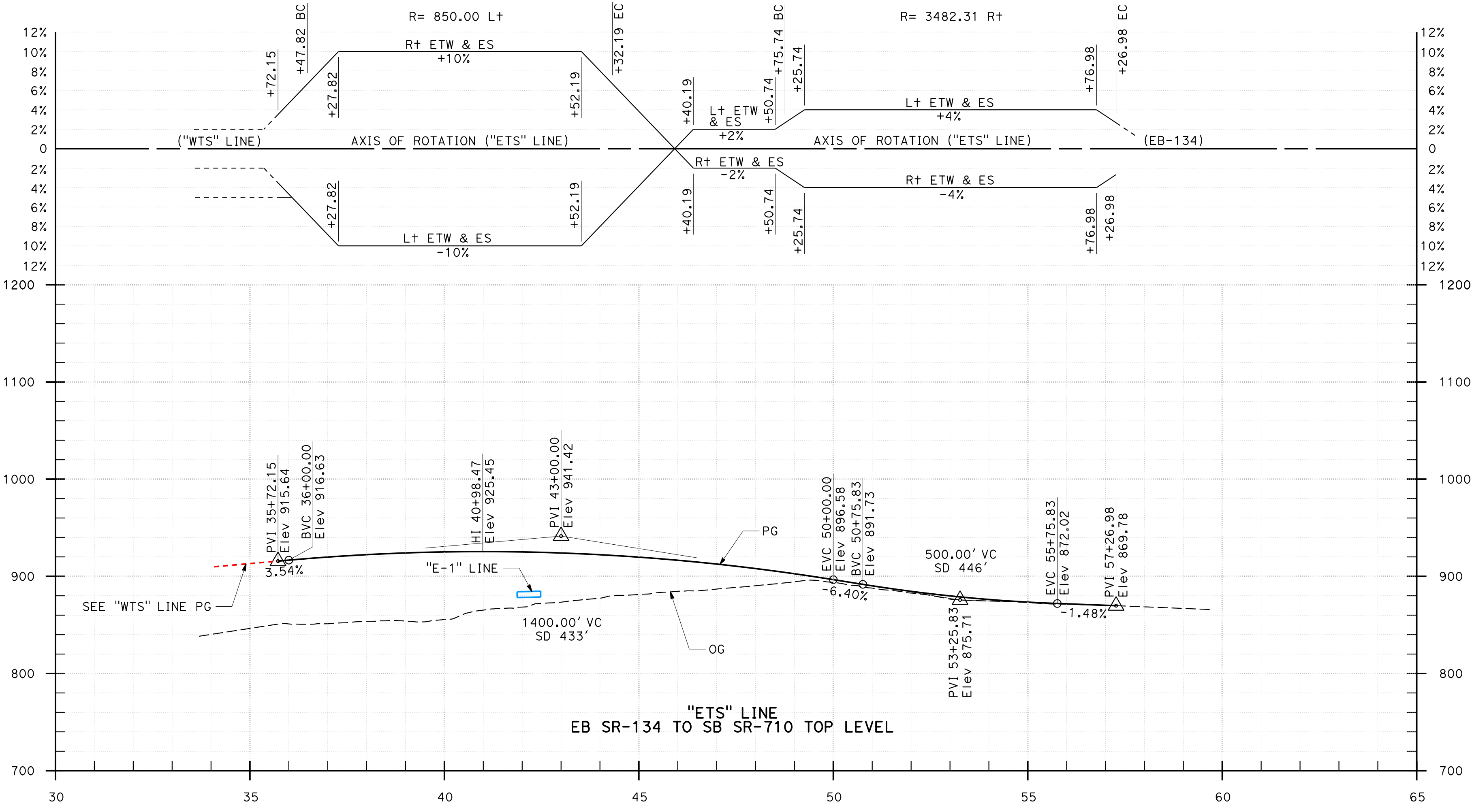
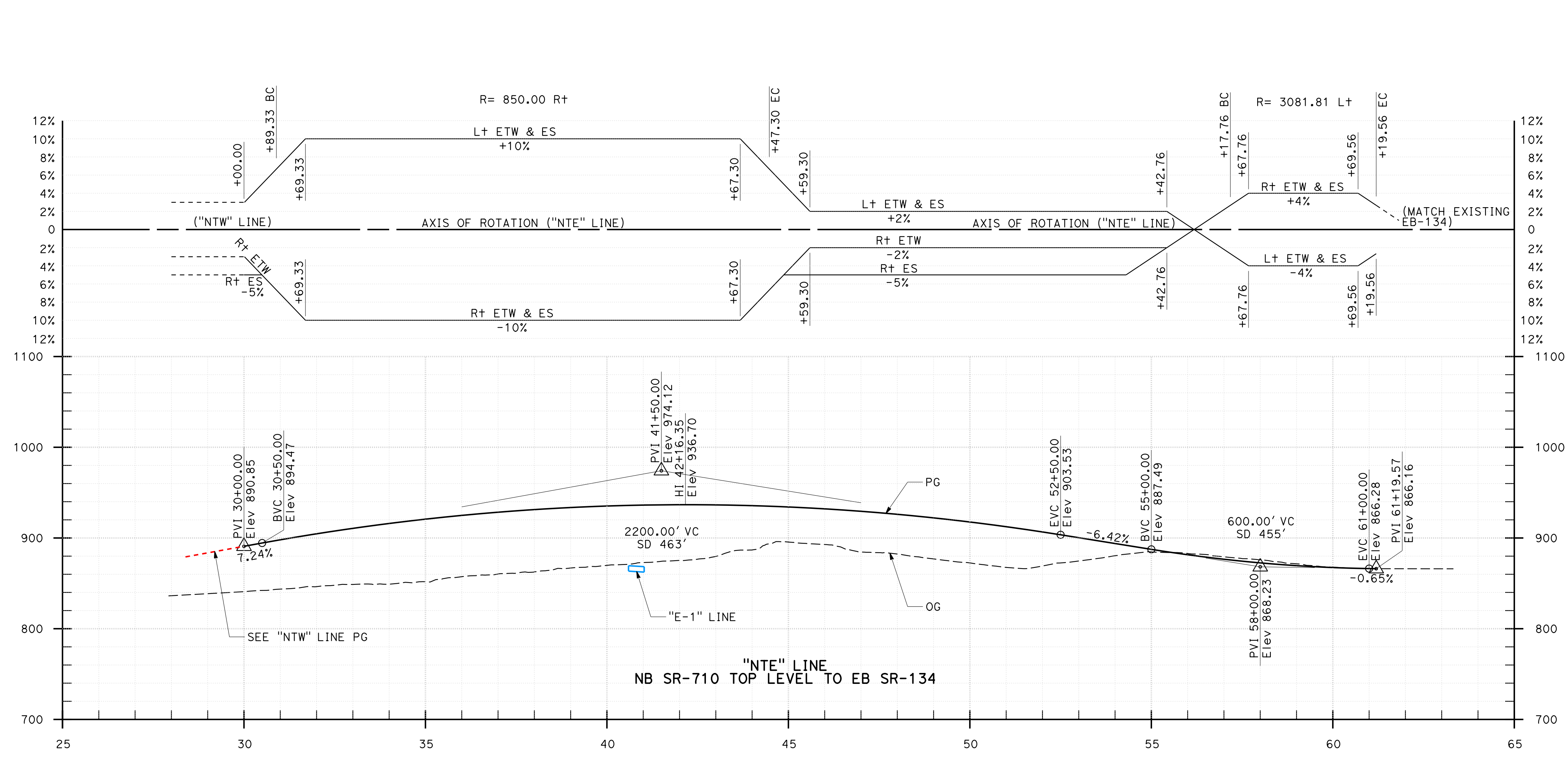


SECTION E-E
NTS



SECTION F-F
NTS





PROFILE / SUPERELEVATION DIAGRAM

SCALE: Horiz 1"=200'
Vert 1"=80'

710 STUDY CONCEPTUAL DESIGN

 F-5

 6 of 8

 DATE: 10/20/2010

 TIME: 10:52:33 AM

 PROJECT: 710 STUDY

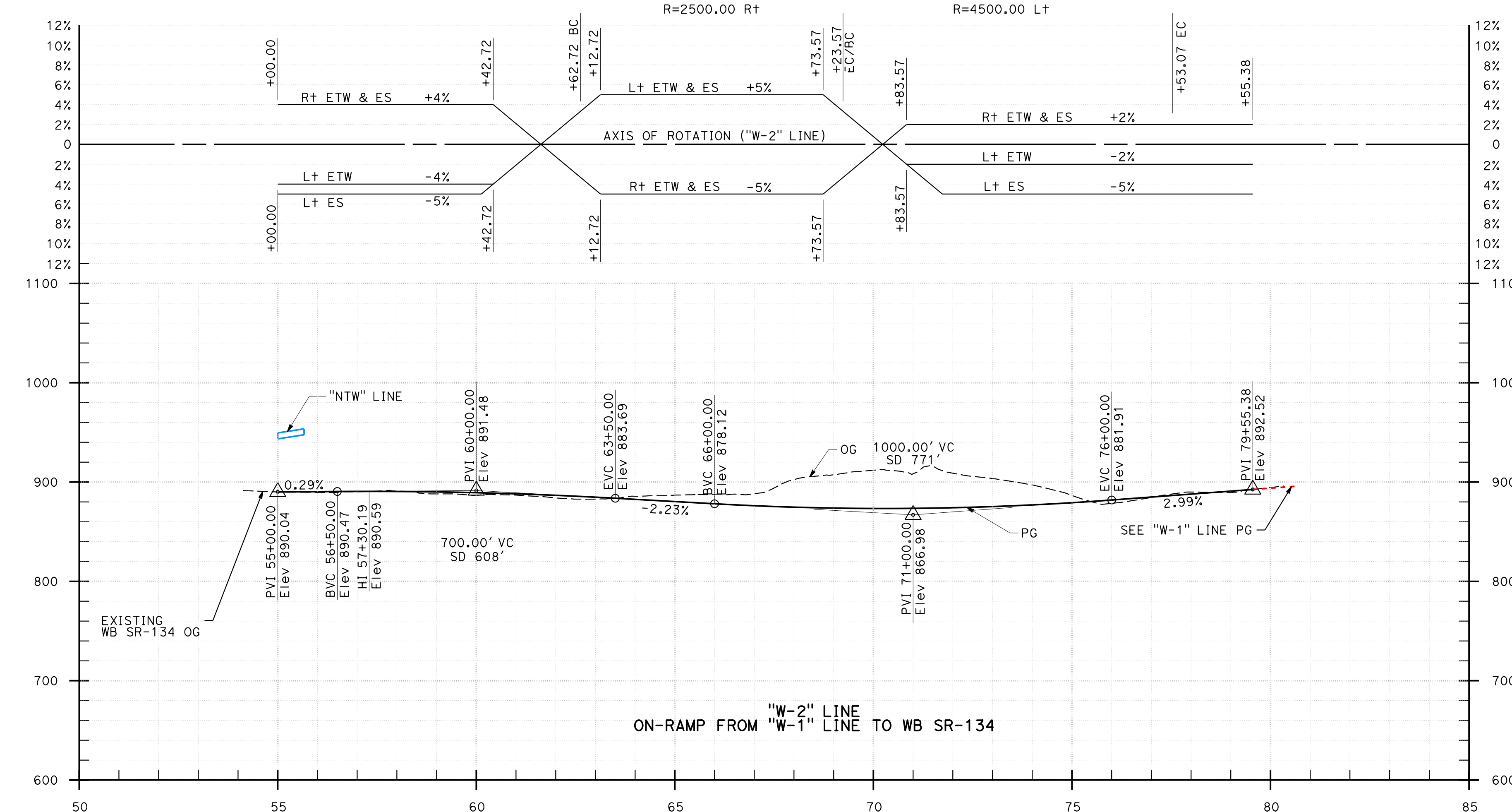
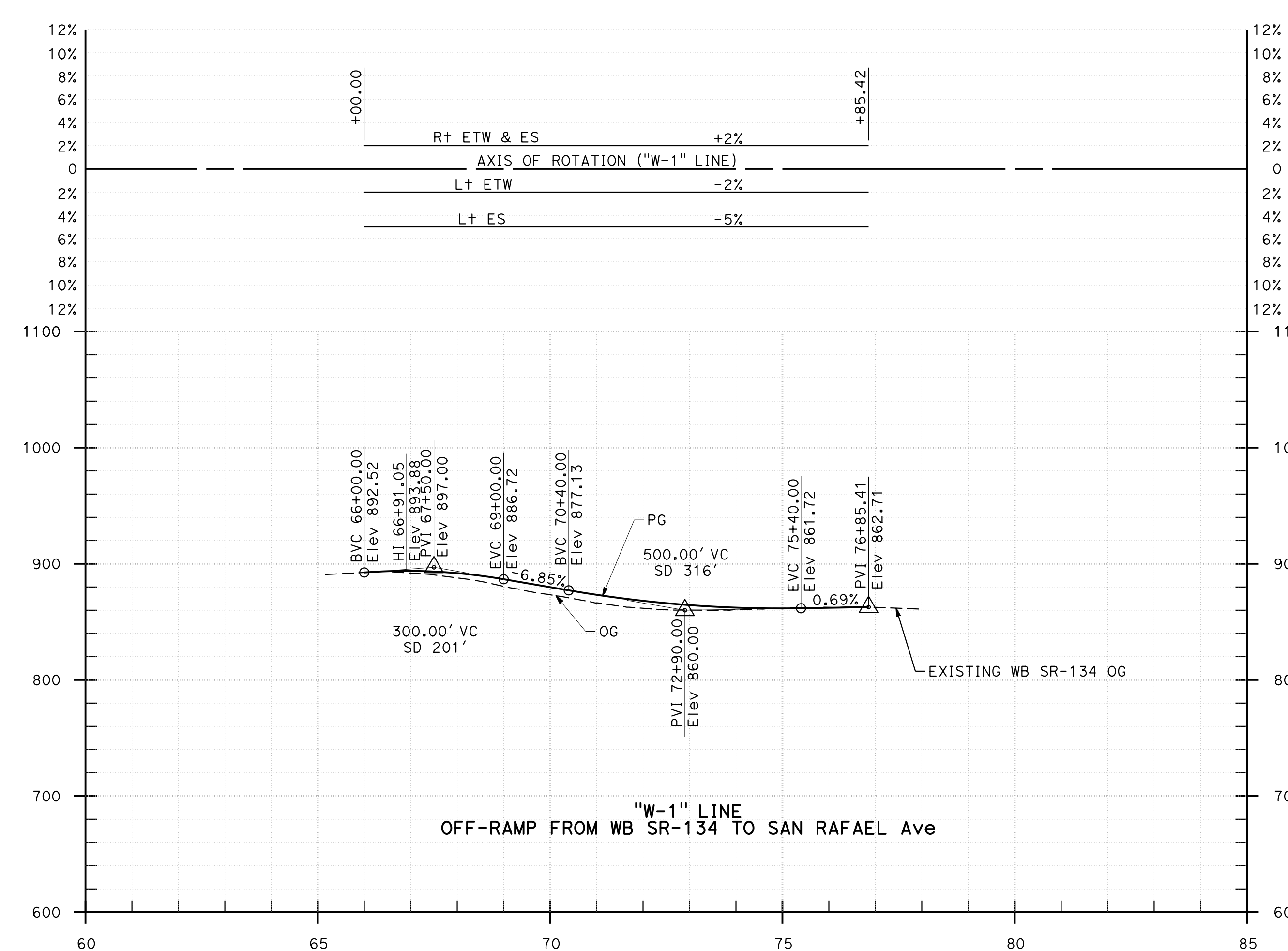
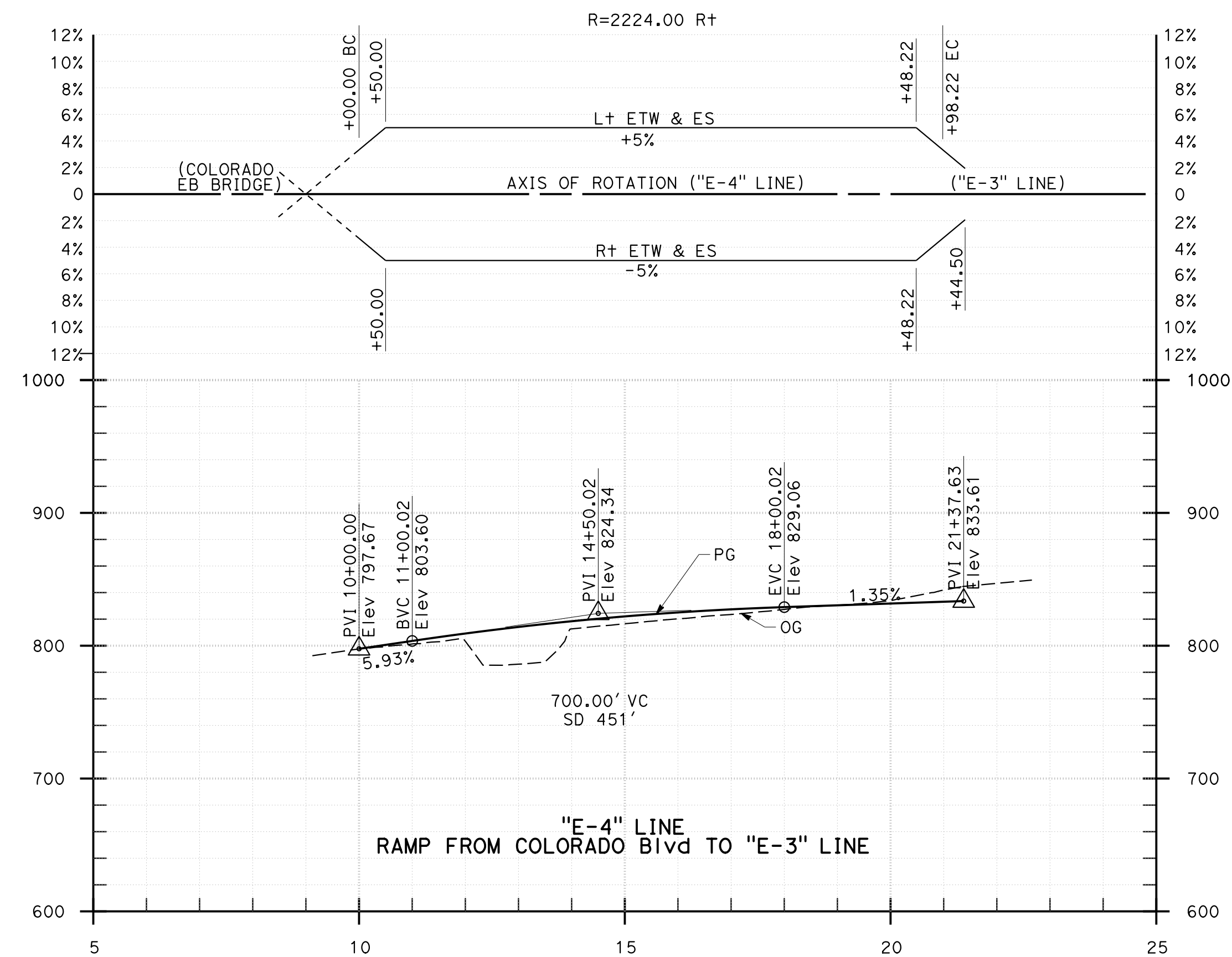
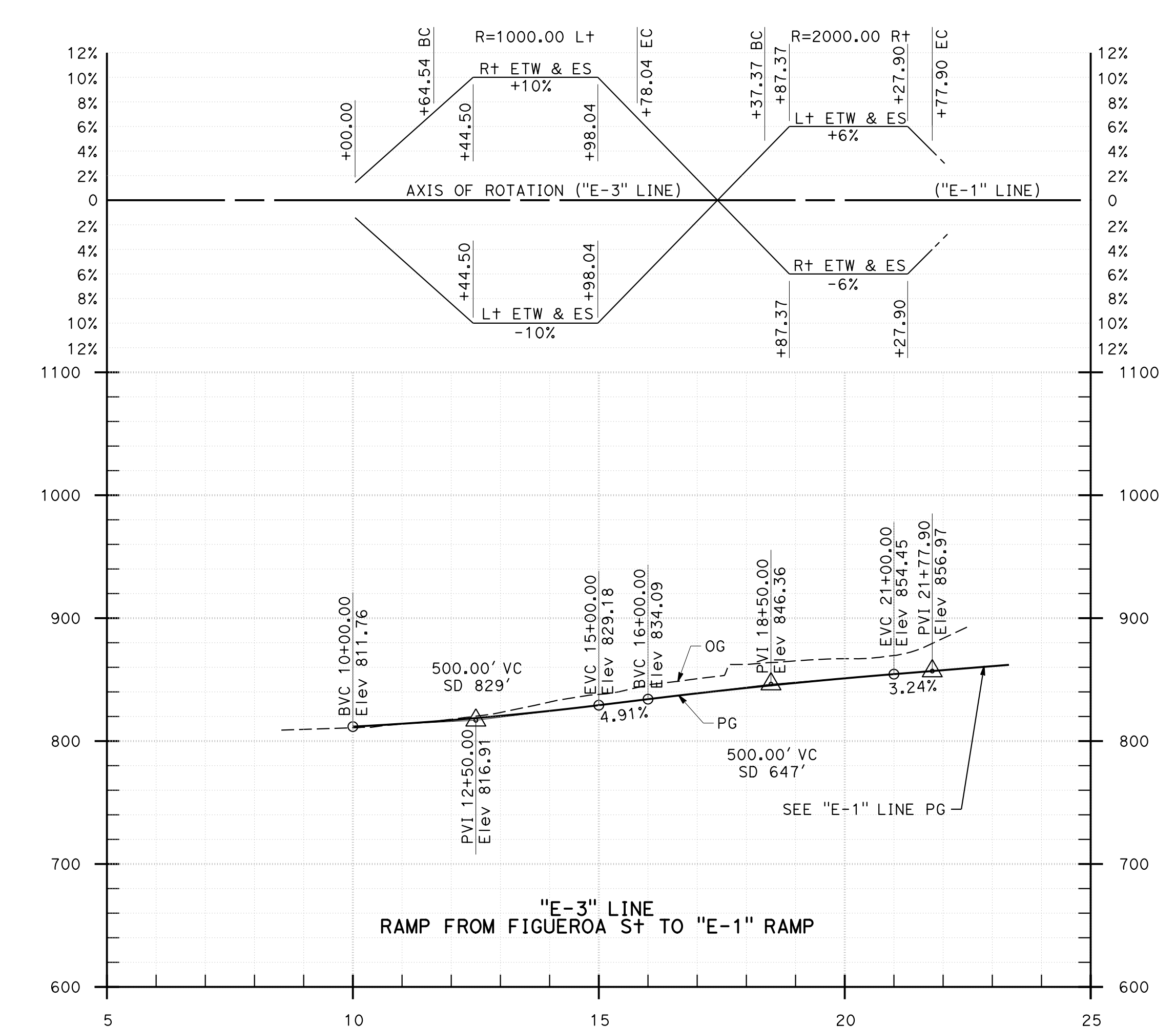
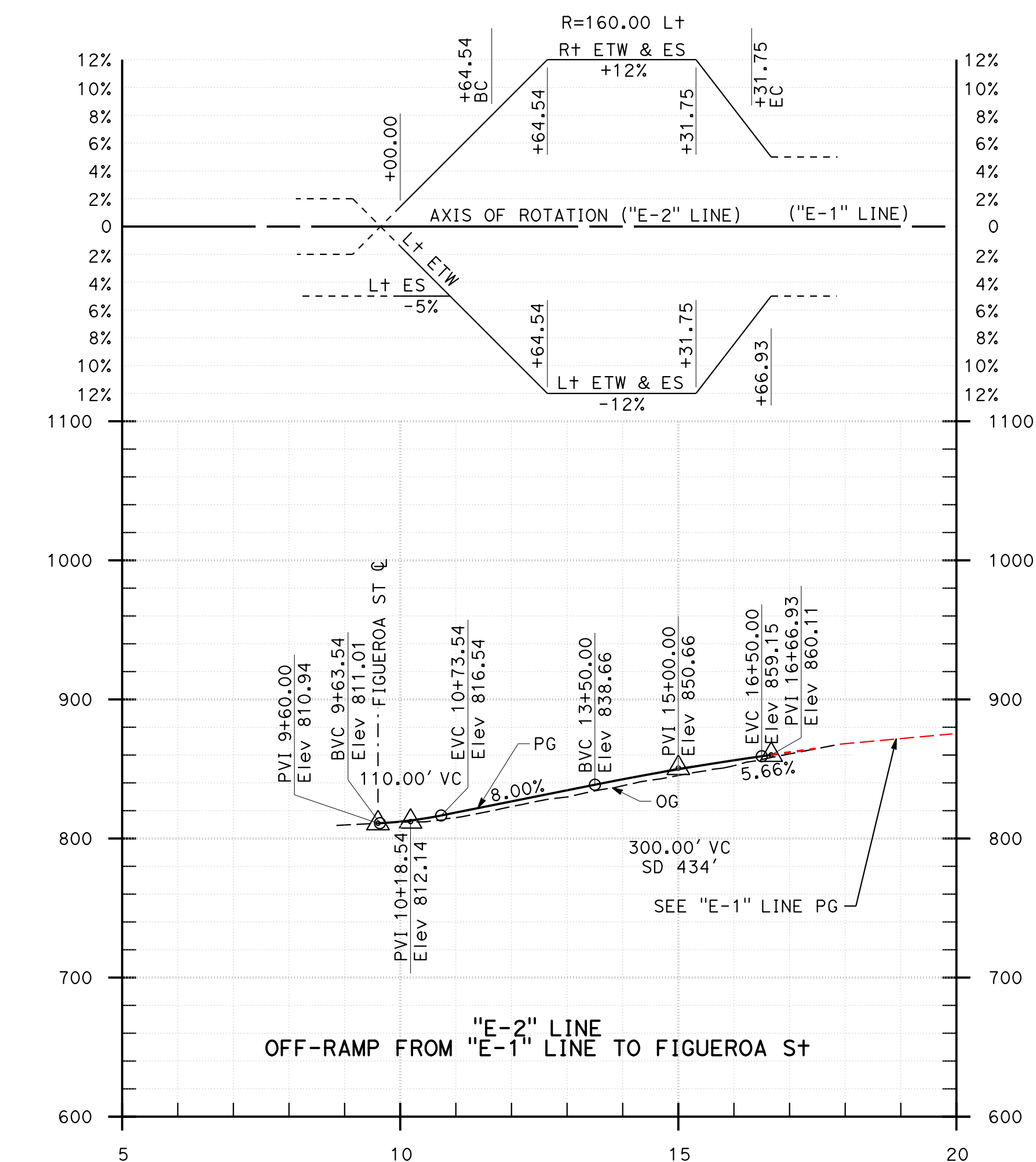
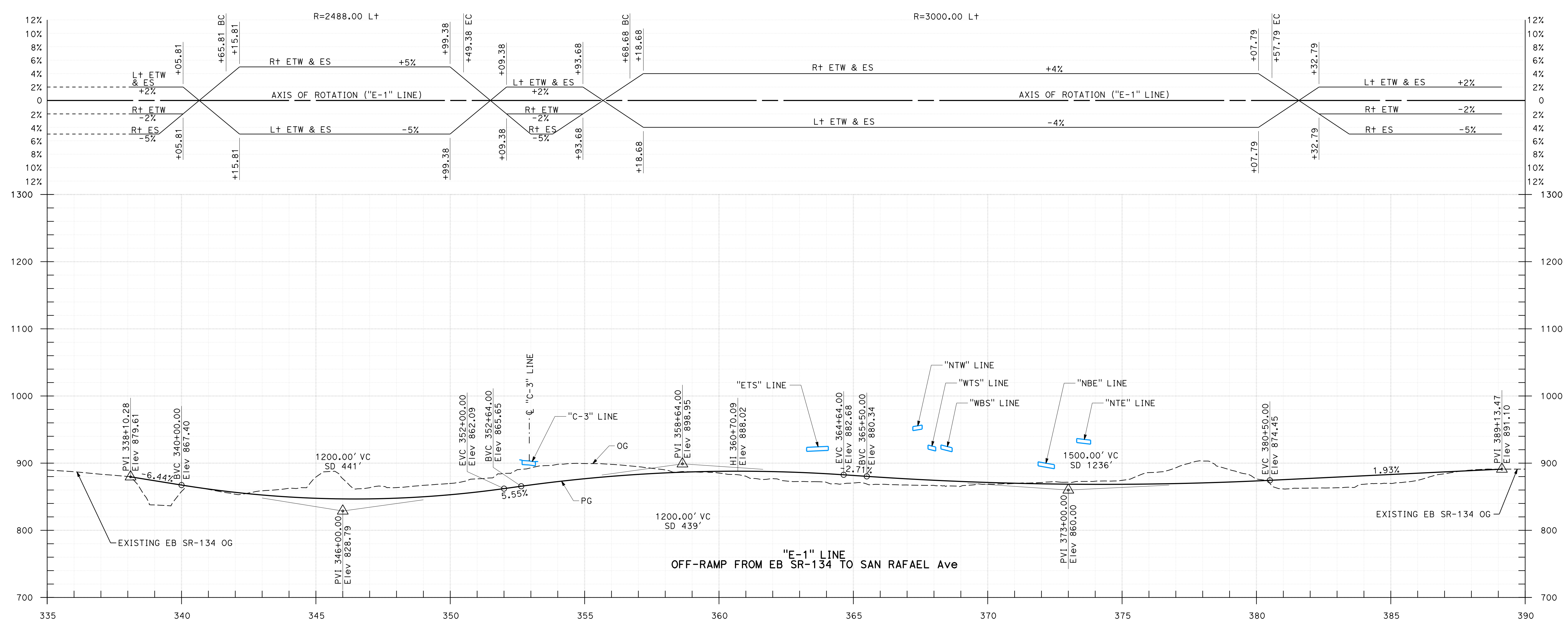
 SHEET: F-5

 100% WASHINGTON STATE

 100% METRO

 100% CH2M HILL

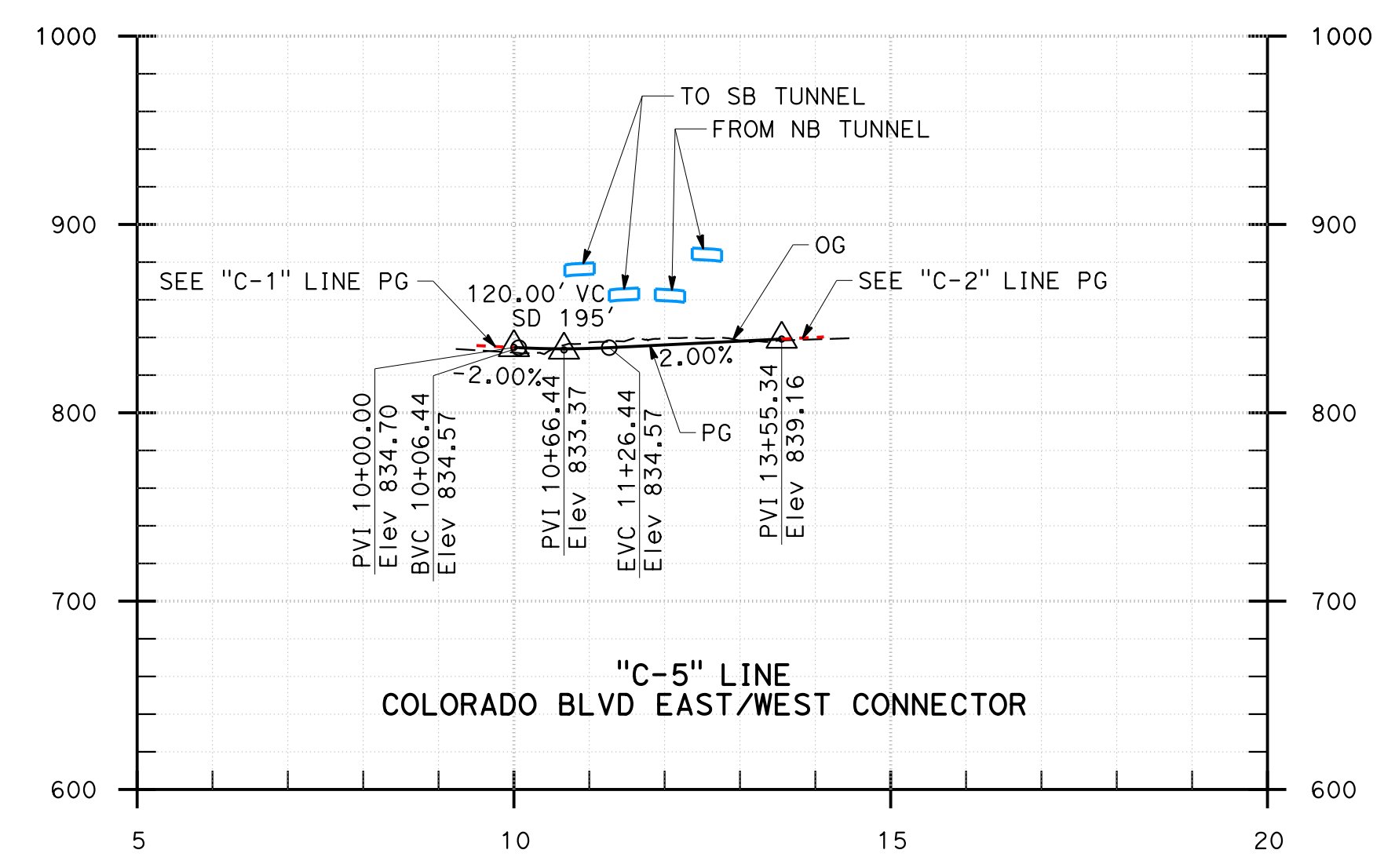
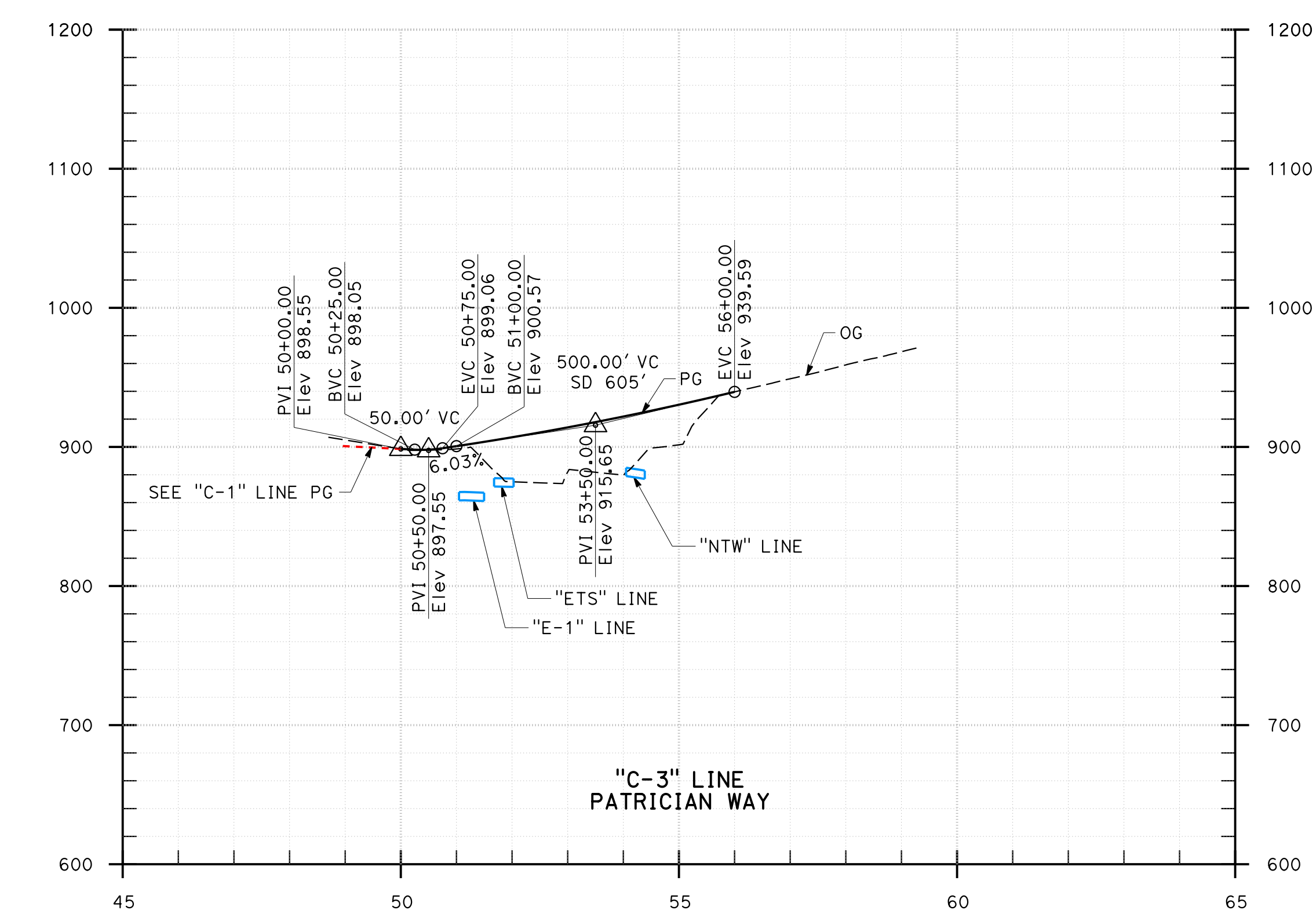
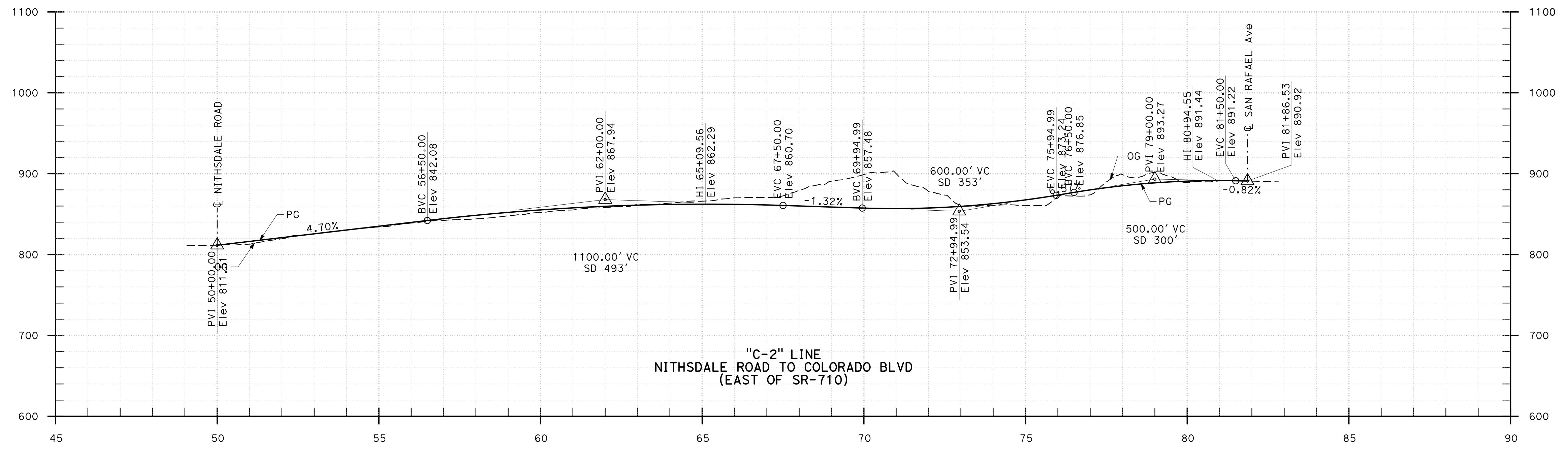
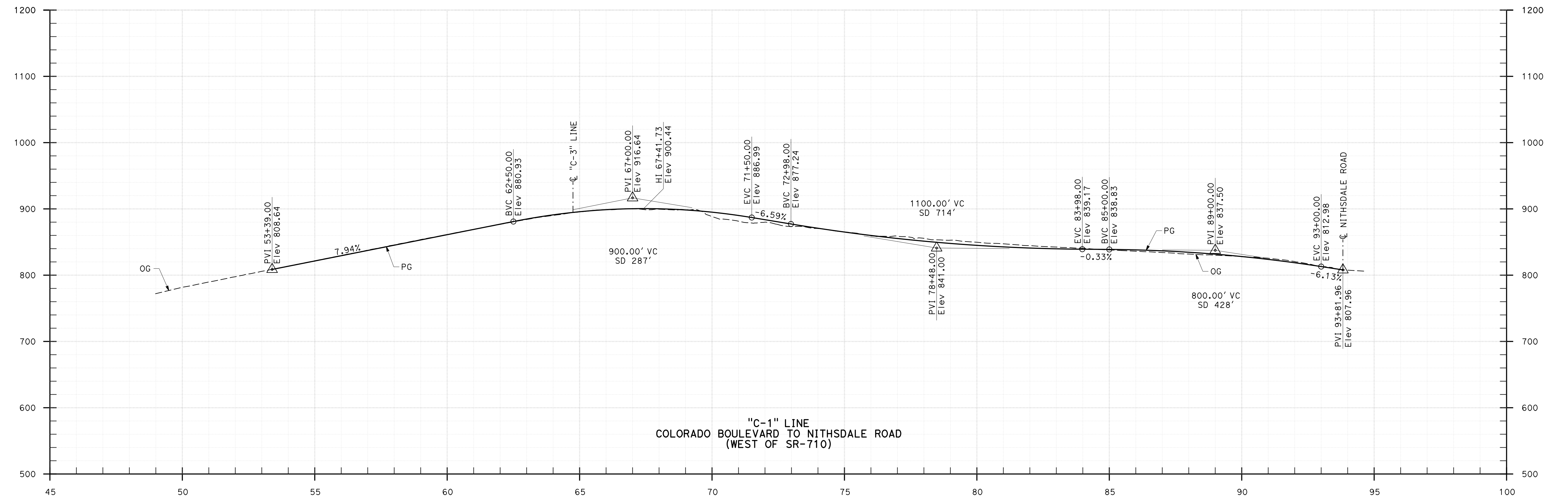
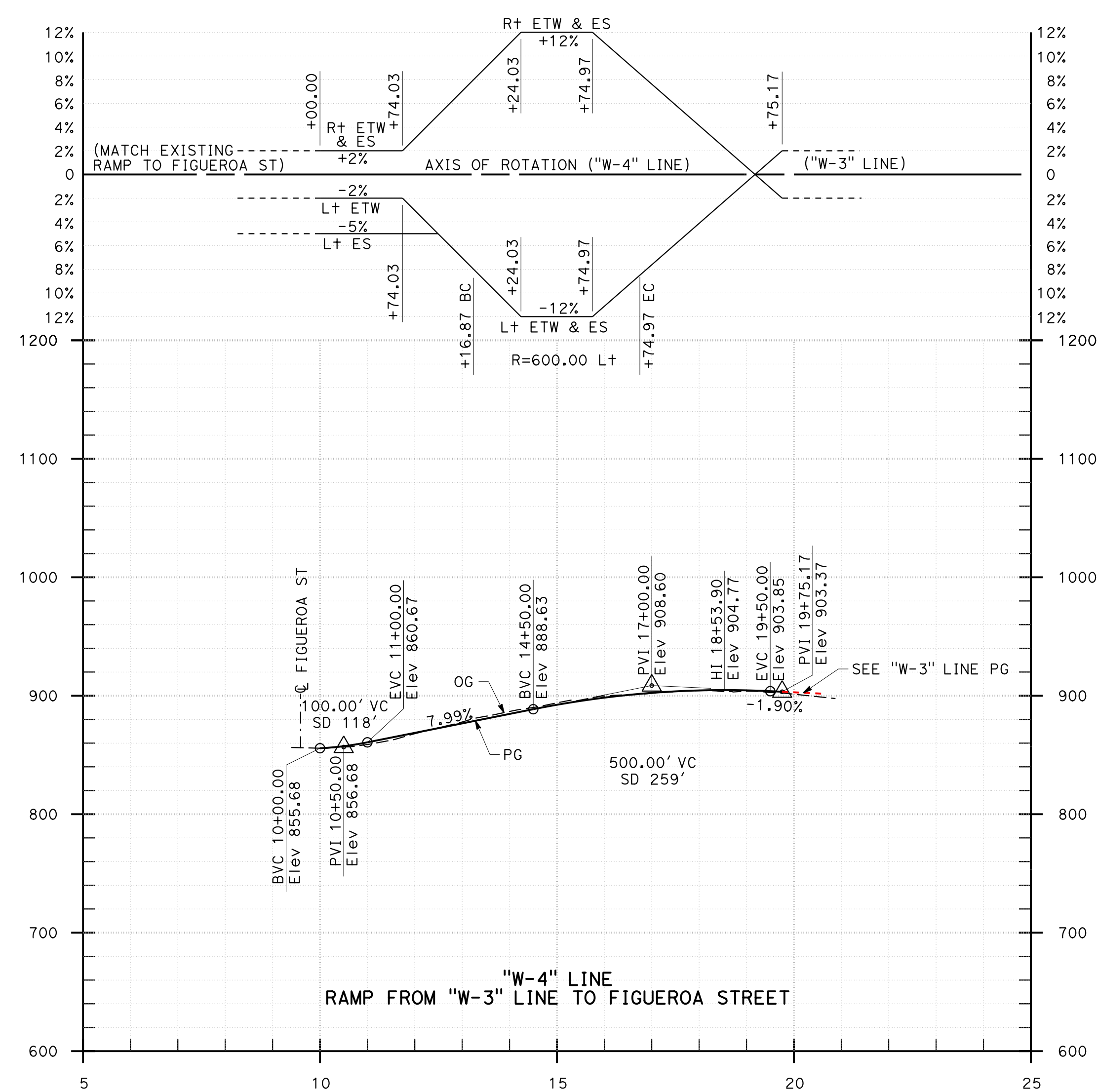
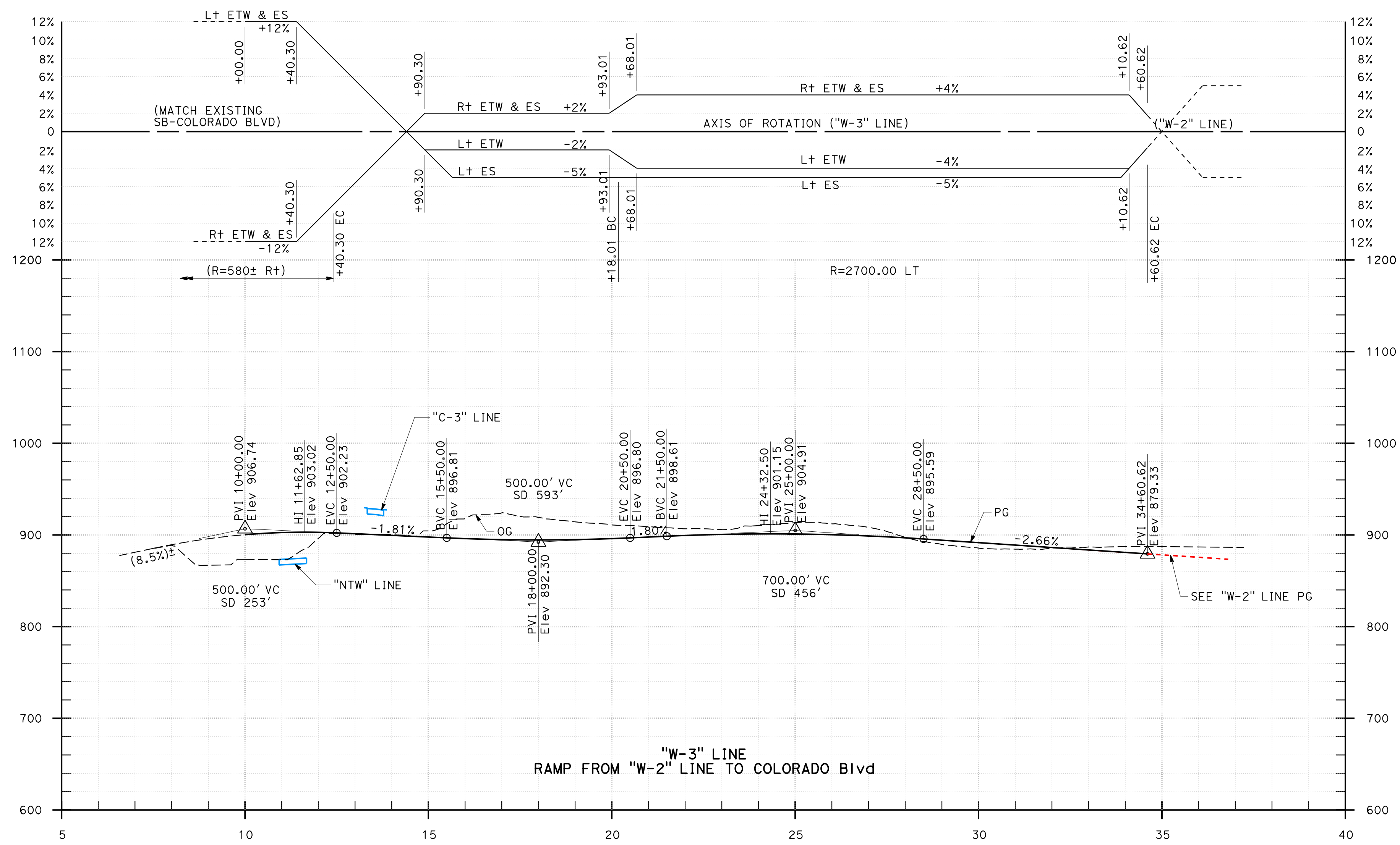
 100% CALTRANS



PROFILE / SUPERELEVATION DIAGRAM

SCALE: Horiz 1"=200'
Vert 1"=80'

SHEET - 7 FREEWAY ALTERNATIVE "F-5" CONCEPTUAL DESIGN



PROFILE / SUPERELEVATION DIAGRAM

SCALE: Horiz 1"=200'
Vert 1"=80'

8 of 8

 710 STUDY
 CONCEPTUAL DESIGN
 F-8
 DATE: 10/20/2011
 TIME: 10:00 AM
 PROJECT: 1000 WASHINGTON ST, SAN RAFAEL, CA 94901
 DRAWING: 1000 WASHINGTON ST, SAN RAFAEL, CA 94901
 SHEET: 710 STUDY CONCEPTUAL DESIGN F-8
 DATE: 10/20/2011