



Order Plans

Alignment: DE10 (EB SPLIT PROFILE APPROACHING SB I-85 RAMP TERMINAL)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
11	PI	100+43.69	1048357.654	1993782.778		510	11°14'04.1"	9°47'36.4" LT	87.173	43.693
	PC	100+00.00	1048374.499	1993742.463	S 67°19'24.5" E					
	PT	100+87.17	1048347.912	1993825.371						
12	PI	101+83.65	1048326.4	1993919.424		100	57°17'44.8"	34°56'21.7" RT	60.981	31.472
	PC	101+52.18	1048333.417	1993888.745	S 77°07'00.9" E					
	PT	102+13.16	1048303.078	1993940.555						
	PI	102+22.87	1048295.883	1993947.073					9.708	

Alignment: DE11 (WB SPLIT PROFILE AWAY FROM SB I-85 RAMP TERMINAL)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
13	PI	110+73.34	1048367.042	1993808.394		400	14°19'26.2"	20°46'44.2" LT	145.064	73.338
	PC	110+00.00	1048396.745	1993741.341	S 66°06'28.4" E					
	PT	111+45.06	1048363.059	1993881.627						
	PI	112+58.76	1048356.885	1993962.147					113.691	

Alignment: DE12 (WB SPLIT PROFILE UNDER I-85 BRIDGE)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
14	PI	120+24.53	1048223.057	1994099.409		200	28°38'52.4"	13°59'11.5" RT	48.822	24.533
	PC	120+00.00	1048223.403	1994075.212	S 80°30'27.8" E					
	PT	120+44.82	1048213.283	1994121.911						
15	PI	123+10.36	1048109.163	1994361.613		110	52°05'13.5"	35°21'06.4" RT	67.871	35.054
	PC	122+45.11	1048123.129	1994329.461	S 66°31'16.3" E					
	PT	123+42.98	1048079.169	1994379.756						

Alignment: DE13 (EB SPLIT PROFILE UNDER I-85 BRIDGE)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
16	PI	130+38.07	1048227.425	1994115.767		100	57°17'44.8"	41°41'10.3" LT	72.756	38.073
	PC	130+00.00	1048261.999	1994099.826	S 24°45'10.0" E					
	PT	130+72.76	1048212.206	1994150.666						
17	PI	133+05.88	1048119.021	1994364.355		200	28°38'52.4"	20°10'21.9" LT	70.416	35.576
	PC	132+70.30	1048133.241	1994331.745	S 66°26'20.3" E					
	PT	133+40.72	1048116.918	1994399.869						

Alignment: DE14 (EB SPLIT PROFILE AWAY FROM NB I-85 RAMP TERMINAL)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
18	PI	140+00.00	1047994.016	1994484.042	S 83°33'38.9" E				70.704	
	PC	141+34.15	1047978.972	1994617.346		424	13°30'47.4"	17°01'15.9" RT	125.959	63.447
	PT	141+96.66	1047953.713	1994675.548	S 83°33'38.9" E					
	PI	142+91.21	1047916.072	1994762.279					94.546	

Alignment: DE15 (WB SPLIT PROFILE APPROACHING NB I-85 RAMP TERMINAL)

CURVE NUMBER	POINT	STATION	Y (ft)	X (ft)	DIRECTION	RADIUS (ft)	DEGREE OF CURVATURE	DELTA	LENGTH (ft)	TANGENT (ft)
19	PI	150+40.86	1048004.158	1994554.844		110	52°05'13.5"	40°45'36.1" LT	78.254	40.865
	PC	150+00.00	1048039.078	1994533.619	S 31°17'32.1" E					
	PT	150+78.25	1047991.565	1994593.72						
20	PI	152+01.64	1047953.544	1994711.103		1000	5°43'46.5"	5°30'45.2" RT	96.212	48.143
	PC	151+53.50	1047968.379	1994665.302	S 72°03'08.2" E					
	PT	152+49.71	1047934.377	1994755.267						
	PI	152+63.43	1047928.915	1994767.852					13.72	

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REVISION DATES

CONSTRUCTION LAYOUT
I-85 @ SR 18 & SR 18 @ SR 103
SPLITTER ISLANDS
DE10, DE11, DE12, DE13, DE14, DE15

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	11-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	