SR14

CURVE SR14_PROP1	CURVE SR14_PROP2	CURVE SR14_PROP3	CURVE SR14_PROP4	CURVE SR14_PROP5
PI: 604+61.09	PI: 609+52.38	PI: 621+64.74	PI: 626+61.52	PI: 634+73.75
N: 294,329.1483	N: 294,819.7961	N: 295,822.5152	N: 296,280.2087	N: 297,116.1077
E: 754,435.5327	E: 754,499.3901	E: 754,642.7826	E: 754,768.4482	E: 756,782.2829
Δ: 4°45'53" (RT)	Δ: 4°45'39" (LT)	Δ: 7°40'49" (RT)	Δ: 13°35'58" (LT)	Δ: 6°16'17" (RT)
D: 1,146.28°	D: 1,146.28°	D: 2,292.00°	D: 1,146.28°	D: 1,146.28°
R: 5,274.64'	R: 5,000.00'	R: 2,000.00'	R: 1,500.00'	R: 5,000.00'
L: 272.28'	L: 247.48'	L: 268.08'	L: 364.34'	L: 328.37'
T: 136.22'	T: 123.81'	T: 134.20'	T: 183.07'	T: 164.35'
SE: 0.000 FT/FT	SE: 0.000 FT/FT	SE: 0.000 FT/FT	SE: 0.000 FT/FT	SE: 0.000 FT/FT
DESIGN SPEED: 45 MPH	DESIGN SPEED: 45 MPH	DESIGN SPEED: 45 MPH	DESIGN SPEED: 45 MPH	DESIGN SPEED: 45 MPH
TRANS. LENGTH: 600	TRANS. LENGTH: 500	TRANS. LENGTH: 500	TRANS. LENGTH: 500	TRANS. LENGTH: 500

RAMP B

CURVE RAMPB_PR3	CURVE RAMPB_PR2
PI: 32+48.36	PI: 31+19.43
N: 295,902.8861	N: 297,015.4745
E: 754,622.6276	E: 754,816.8851
Δ: 6°25'35" (RT)	Δ: 11°35'46" (LT)
D: 1,146.28°	D: 1,146.28°
R: 5,000.00'	R: 500.00'
L: 562.97'	L: 1,087.99'
T: 196.49'	T: 573.36'
SE: 0.000 FT/FT	SE: 0.000 FT/FT
DESIGN SPEED: 45 MPH	DESIGN SPEED: 40 MPH
TRANS. LENGTH: 500	TRANS. LENGTH: 500

RAMP C

CURVE RAMPC_PR1	CURVE RAMPC_PR2	CURVE RAMPC_PR3
PI: 20+42.05	PI: 20+54.06	PI: 21+42.71
N: 296,533.7109	N: 297,047.7319	N: 297,174.0626
E: 755,507.3403	E: 755,168.4463	E: 754,839.0508
Δ: 29°02'30" (RT)	Δ: 37°43'30" (LT)	Δ: 77°31'53" (RT)
D: 11°00'00"	D: 11°00'00"	D: 11°00'00"
R: 587.00'	R: 201.00'	R: 198.00'
L: 297.55'	L: 132.10'	L: 267.93'
T: 152.05'	T: 78.92'	T: 159.00'
SE: 0.000 FT/FT		SE: 0.000 FT/FT
DESIGN SPEED: 45 MPH		DESIGN SPEED: 25 MPH
TRANS. LENGTH: 500		TRANS. LENGTH: 500

RAMP D

CURVE RAMPD_PR1	CURVE RAMPD_PR2
PI: 65+01.05	PI: 65+07.52
N: 297,299.1906	N: 296,657.6431
E: 754,624.5851	E: 753,401.7390
Δ: 134°18'32" (RT)	Δ: 134°18'32" (RT)
D: 11°00'00"	D: 11°00'00"
R: 175.00'	R: 175.00'
L: 408.48'	L: 408.48'
T: 431.48'	T: 431.48'
SE: 0.000 FT/FT	SE: 0.000 FT/FT
DESIGN SPEED: 25 MPH	DESIGN SPEED: 25 MPH
TRANS. LENGTH: 500	TRANS. LENGTH: 500

RAMP E

CURVE RAMPE_PR1
PI: 125+27.61
N: 296,404.5876
E: 754,793.4632
Δ: 88°20'30" (RT)
D: 11°00'00"
R: 520.00'
L: 800.12'
T: 503.31'
SE: 0.000 FT/FT
DESIGN SPEED: 40 MPH
TRANS. LENGTH: 500

RAMP H

CURVE RAMPH_PR1	CURVE RAMPH_PR2
PI: 24+30.53	PI: 27+60.08
N: 296,240.7391	N: 296,754.7753
E: 754,739.4974	E: 754,227.7953
Δ: 134°38'50" (RT)	Δ: 134°38'50" (RT)
D: 11°00'00"	D: 11°00'00"
R: 175.00'	R: 175.00'
L: 352.55'	L: 352.55'
T: 308.15'	T: 308.15'
SE: 0.000 FT/FT	SE: 0.000 FT/FT
DESIGN SPEED: 25 MPH	DESIGN SPEED: 25 MPH
TRANS. LENGTH: 500	TRANS. LENGTH: 500

RAMP G

CURVE RAMPG_PR1
PI: 62+53.39
N: 296,204.5991
E: 754,698.8568
Δ: 38°29'32" (RT)
D: 11°00'00"
R: 445.00'
L: 298.60'
T: 155.62'
SE: 0.000 FT/FT
DESIGN SPEED: 30 MPH
TRANS. LENGTH: 500

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

ROLL PLOT
S.R. 14 CMGC
PRELIMINARY

STA. 603 + 46.34 TO STA. 638 + 50.00

SCALE: 1" = 50