


PROJECT REFERENCE NO.	SHEET NO.
U-5724	RR-2C
R/W SHEET NO.	
RAILROAD DESIGN ENGINEER	
	

DATE: OCTOBER 13, 2022

PROPOSED -RR_PR- TRACK ALIGNMENT

Point 8000
 N 593,798.1645 E 2,320,057.1354 Sta 10+00.00

Course from 8000 to 8002
 S 65°46' 48.69" E Dist 97.8500

Point 8002
 N 593,758.0227 E 2,320,146.3724 Sta 10+97.85

Course from 8002 to 8003
 S 65°46' 48.69" E Dist 182.9642

Point 8003 - Point of Intersection - No Curve
 N 593,682.9638 E 2,320,313.2319 Sta 12+80.81

Course from 8003 to 8004
 S 65°43' 48.37" E Dist 44.1858

Point 8004 - Point of Switch
 N 593,664.8019 E 2,320,353.5125 Sta 13+25.00

Course from 8004 to 8005
 S 65°43' 48.37" E Dist 31.2500

Point 8005 - Point of Intersection - Turnout
 N 593,651.9570 E 2,320,382.0006 Sta 13+56.25

Course from 8005 to PC RR_PR-101
 S 71°27' 17.37" E Dist 112.1534

Curve RR_PR 101 Ea = 0.00", V = 10 mph

Curve RR_PR-101

Chord Definition

P.I. Station 15+06.63 N 593,604.1292 E 2,320,524.5693
 Delta = 5° 43' 29.00" (RT)
 Degree = 7° 30' 00.00"
 Tangent = 38.2239
 Length = 76.3296
 Radius = 764.4894
 External = 0.9550
 Long Chord = 76.3524
 Mid. Ord. = 0.9538
 P.C. Station 14+68.40 N 593,616.2864 E 2,320,488.3302
 P.T. Station 15+44.73 N 593,588.4178 E 2,320,559.4149
 C.C. N 592,891.4945 E 2,320,245.1826
 Back
 Ahead
 Chord Bear

Course from PT RR_PR-101 to PC RR_PR-102
 S 65°43' 48.37" E Dist 680.6676

Curve RR_PR 102 Ea = 0.00", V = 10 mph

Curve Curve RR_PR-102

Chord Definition

P.I. Station 22+63.62 N 593,292.9279 E
 Delta = 5°43' 29.00" (RT)
 Degree = 7° 30' 00.00"
 Tangent = 38.2239
 Length = 76.3296
 Radius = 764.4894
 External = 0.9550
 Long Chord = 76.3524
 Mid. Ord. = 0.9538
 P.C. Station 22+25.40 N 593,308.6393 E 2,321,179.9247
 P.T. Station 23+01.73 N 593,273.8191 E 2,321,247.8749
 C.C. N 592,611.7159 E 2,320,865.6924
 Back S 65°43' 48.37" E
 Ahead S 60°00' 19.37" E
 Chord Bear S 62°52' 03.87" E

Course from PT RR_PR-102 to 8006
 S 60°00' 19.37" E Dist 112.1534

Point 8006 - Point of Intersection - Turnout
 N 593,217.7515 E 2,321,345.0079 Sta 24+13.88

Course from 8006 to 8007
 S 65°43' 48.37" E Dist 31.2500

Point 8007 - Point of Switch
 N 593,204.9066 E 2,321,373.4960 Sta 24+45.13

Course from 8007 to 8008
 S 65°43' 48.37" E Dist 90.0000

Point 8008
 N 593,167.9134 E 2,321,455.5418 Sta 25+35.13