

NSR BRIDGE MP H-56.10
CSXT BRIDGE MP SB-154.61

PROJECT REFERENCE NO. U-3308	SHEET NO. RR-3B
RW SHEET NO.	
RAIL DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TRACK GEOMETRY DATA																					
-NSN- = PROPOSED NSR SIDING TRACK = BEST-FIT ALIGNMENT OF SURVEYED EXISTING TRACK																					
FEATURE NAME	DESC.	STATION	NORTHING	EASTING	BEARING	DISTANCE	Rc (ft)	Dc	L (ft)	I	Δc	Δs	Θs	Ls (ft)	X (ft)	Y (ft)	Vf Vp (MPH)	Ef Ep (in)	Ea (in)	Eu,f Eu,p (in)	
	POT	10+25.00	813,664.62	2,031,718.31																	
					S 62° 39' 48.33" E	2,116.59															
	PINC	31+41.59	812,692.65	2,033,598.53						0°00' 02.57" (LT)											
					S 62° 39' 50.90" E	980.47															
	POT	41+22.06	812,242.41	2,034,469.51																	

TRACK GEOMETRY DATA																					
-SW2- = PROPOSED NSR SIDING DETOUR TRACK																					
FEATURE NAME	DESC.	STATION	NORTHING	EASTING	BEARING	DISTANCE	Rc (ft)	Dc	L (ft)	I	Δc	Δs	Θs	Ls (ft)	X (ft)	Y (ft)	Vf Vp (MPH)	Ef Ep (in)	Ea (in)	Eu,f Eu,p (in)	
	POT	10+25.00	813,664.62	2,031,718.31																	
					S 62° 39' 48.33" E	215.29															
	PC	10+00.00	813,565.75	2,031,909.56	*** EQUATION: STA 12+40.29 (BK) = STA 10+00.0 (AH) ***																
14	PI	10+56.36	813,539.87	2,031,959.63			1,910.08	3° 00' 00.00"	112.68	3° 22' 49.38" (LT)	3° 22' 49.38" (LT)						10	0.21	0.00	0.21	
																		N/A	N/A	N/A	N/A
	PT	11+12.68	813,516.99	2,032,011.14																	
					S 66° 02' 37.71" E	100.00															
	PC	12+12.68	813,476.38	2,032,102.52																	
13	PI	12+67.74	813,454.03	2,032,152.84			1,910.08	3° 00' 00.00"	110.07	3° 18' 07.76" (RT)	3° 18' 07.76" (RT)						10	0.21	0.00	0.21	
																		N/A	N/A	N/A	N/A
	PT	13+22.75	813,428.81	2,032,201.78																	
					S 62° 44' 29.9" E	79.75															
	P/TO	14+02.50	813,392.29	2,032,272.68	*** EQUATION: STA 14+02.50 (BK) = STA 14+61.08 (AH) ***																
					S 68° 27' 58.9" E	89.83															
NO. 10 RH	PS	14+92.33	813,380.81	2,032,301.74																	

TRACK GEOMETRY DATA																					
-RCSXN- = PROPOSED CSX MAIN TRACK = BEST-FIT ALIGNMENT OF SURVEYED EXISTING TRACK																					
FEATURE NAME	DESC.	STATION	NORTHING	EASTING	BEARING	DISTANCE	Rc (ft)	Dc	L (ft)	I	Δc	Δs	Θs	Ls (ft)	X (ft)	Y (ft)	Vf Vp (MPH)	Ef Ep (in)	Ea (in)	Eu,f Eu,p (in)	
	POT	06+50.00	813,517.40	2,032,101.74																	
					S 62° 42' 33.26" E	350.00															
	PINC	10+00.00	813,356.92	2,032,412.78						0° 07'05.37" (RT)											
					S 62° 35' 27.89" E	692.30															
	PINC	16+92.30	813,038.23	2,033,027.36						0° 06'28.18" (LT)											
					S 62° 41' 56.07" E	127.69															
	POT	18+19.99	812,979.66	2,033,140.84																	

TRACK GEOMETRY DATA																					
-EXCSXREV2- = PROPOSED CSX MAIN DETOUR TRACK																					
FEATURE NAME	DESC.	STATION	NORTHING	EASTING	BEARING	DISTANCE	Rc (ft)	Dc	L (ft)	I	Δc	Δs	Θs	Ls (ft)	X (ft)	Y (ft)	Vf Vp (MPH)	Ef Ep (in)	Ea (in)	Eu,f Eu,p (in)	
	POT	20+71.96	813,113.20	2,032,902.97																	
					S 55° 43' 43.46" E	9.00															
	PC	20+80.96	813,108.13	2,032,910.41																	
EXCSXREV2	PI	21+49.69	813,069.43	2,032,967.20			1,146.28	5° 00' 00.00"	137.25	6° 51' 44.43" (LT)	6° 51' 44.43" (LT)						10	0.35	0.00	0.35	
																		N/A	N/A	N/A	N/A
	PT	22+18.20	813,037.79	2,033,028.21	*** EQUATION: STA 22+18.20 (BK) = STA 16+92.30 (AH) ***																
					S 62° 35' 27.89" E	0.00															
	POT	16+92.30	813,038.23	2,033,027.36																	

SEE DWG. NO. RR-3 FOR ABBREVIATIONS AND NOMENCLATURE