

SOUTHBOUND HORIZONTAL ALIGNMENT (AREA 1)											
Element	Point Type	Mile Mark	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	AASHTO Banking	Design Speed
Tangent	PT	132.619	7002+25.76	712688.702	1764430.950						
	PC	132.862	7015+09.54	713969.381	1764520.041						

SOUTHBOUND VERTICAL ALIGNMENT (AREA 1)									
Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVI	7002+00.00	862.24	43.8	1.01%				
	PVC	7002+43.80	862.68						
Symmetrical Parabola	PVC	7002+43.80	862.68	560	1.01%	-1.28%	244	-1.61	750.18
	POVC	7002+50.00	862.74						
	POVC	7003+00.00	863.19						
	POVC	7003+50.00	863.53						
	POVC	7004+00.00	863.77						
	POVC	7004+50.00	863.90						
	VHIGH	7004+91.27	863.94						
	POVC	7005+00.00	863.94						
	PVI	7005+23.80	865.52						
	POVC	7005+50.00	863.87						
	POVC	7006+00.00	863.70						
	POVC	7006+50.00	863.42						
	POVC	7007+00.00	863.04						
	POVC	7007+50.00	862.57						
	Linear	PVC	7008+00.00						
PVT		7008+03.80	861.94						
POVT		7008+50.00	861.34						
Symmetrical Parabola	POVT	7009+00.00	860.70	560	-0.0128	-0.0375	227	-1.73	716.61
	PVC	7009+30.76	860.31						
	POVC	7009+50.00	860.06						
	POVC	7010+00.00	859.32						
	POVC	7010+50.00	858.47						
	POVC	7011+00.00	857.51						
	POVC	7011+50.00	856.44						
	POVC	7012+00.00	855.26						
	PVI	7012+10.76	856.72						
	POVC	7012+50.00	853.97						
	POVC	7013+00.00	852.57						
	POVC	7013+50.00	851.06						
	POVC	7014+00.00	849.44						
	POVC	7014+50.00	847.71						
	Linear	PVT	7014+90.76						
POVT		7015+00.00	845.87						
POE		7015+50.00	843.99						

**SOUTHBOUND
ALIGNMENT SHEET 1**

PROJECT NAME:	ST. JOHNSBURY-LYNDON
PROJECT NUMBER:	IM 091-3(50)
FILE NAME:	\\a346\cos\zila346\alhor\sb.dgn
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	plla346_61
PLOT DATE:	10/17/2013
DRAWN BY:	WWG
CHECKED BY:	PTS
SHEET	61 OF 72