

SOUTHBOUND HORIZONTAL ALIGNMENT (AREA 2)											
Element	Point Type	Mile Mark	Station	Northing	Easting	Radius	Length	Delta / Theta	Rotation Direction	AASHTO Banking	Design Speed
Tangent	PT	133.972	7073+69.98	719803.499	1764352.305						
	PC	134.226	7087+11.73	721115.922	1764631.302						
Arc	PC	134.226	7087+11.73	721115.922	1764631.302	22920	3571.47	8°55'40.88"	Left	RC	70
	PI	134.565	7105+01.09	722866.170	1765003.372						
	CC			725881.798	1742212.274						
	PCC	134.902	7122+83.20	724652.954	1765099.308						
Arc	PCC	134.902	7122+83.20	724652.954	1765099.308	11460	1625.60	8°07'38.61"	Left	RC	70
	PI	135.056	7130+97.37	725465.948	1765142.959						
	CC			725267.376	1753655.791						
	PT	135.210	7139+08.80	726276.947	1765071.235						
Tangent	PT	135.210	7139+08.80	726276.947	1765071.235						
	PC	135.312	7144+46.87	726812.919	1765023.834						
Arc	PC	135.312	7144+46.87	726812.919	1765023.834	5730	4489.20	44°53'19.14"	Right	0.036	70
	PI	135.760	7168+13.79	729170.640	1764815.320						
	CC			727317.705	1770731.556						
	PT	136.162	7189+36.06	730988.192	1766331.509						
Tangent	PT	136.162	7189+36.06	730988.192	1766331.509						
	PC	136.393	7201+52.78	731922.510	1767110.909						

SOUTHBOUND VERTICAL ALIGNMENT (AREA 2)									
Element	Type	Station	Elevation	Length	Entrance Grade	Exit Grade	K	Middle Ordinate	SSD/HSD
Linear	PVI	7133+50.00	858.01	50	1.13%				
	PVI	7134+00.00	858.58						
Linear	PVI	7134+00.00	858.58	50	1.05%				
	PVI	7134+50.00	859.10						
Linear	PVI	7134+50.00	859.10	50	0.80%				
	PVI	7135+00.00	859.50						
Linear	PVI	7135+00.00	859.50	50	0.77%				
	PVI	7135+50.00	859.89						
Linear	PVI	7135+50.00	859.89	50	0.81%				
	PVI	7136+00.00	860.29						
Linear	PVI	7136+00.00	860.29	50	0.67%				
	PVI	7136+50.00	860.63						
Linear	PVI	7136+50.00	860.63	50	0.64%				
	PVI	7137+00.00	860.95						
Linear	PVI	7137+00.00	860.95	50	0.58%				
	PVI	7137+50.00	861.24						
Linear	PVI	7137+50.00	861.24	50	0.53%				
	PVI	7138+00.00	861.50						
Linear	PVI	7138+00.00	861.50	50	0.57%				
	PVI	7138+50.00	861.79						
Linear	PVI	7138+50.00	861.79	50	0.60%				
	PVI	7139+00.00	862.09						
Linear	PVI	7139+00.00	862.09	600	0.68%				
	POVT	7139+50.00	862.43						
	POVT	7140+00.00	862.76						
	POVT	7140+50.00	863.10						
	POVT	7141+00.00	863.44						
	POVT	7141+50.00	863.78						
	POVT	7142+00.00	864.11						
	POVT	7142+50.00	864.45						
	POVT	7143+00.00	864.79						
	POVT	7143+50.00	865.13						
	POVT	7144+00.00	864.47						
	POVT	7144+50.00	865.80						
	POE	7145+00.00	866.14						

**SOUTHBOUND  
ALIGNMENT SHEET 2**

PROJECT NAME:	ST. JOHNSBURY-LYNDON
PROJECT NUMBER:	IM 09I-3(50)
FILE NAME:	lla346/cos/zlla346allhorsb.dgn
PROJECT LEADER:	PTS
DESIGNED BY:	NLL
IPARM FILE NAME:	lla346_62
PLLOT DATE:	10/17/2013
DRAWN BY:	WWG
CHECKED BY:	PTS
SHEET	62 OF 72