



**VT ROUTE 30 ALIGNMENT**

HORIZONTAL ALIGNMENT NAME: VT30 PROPOSED			
ELEMENT:	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
	POB 62+97.00	402991.7138	1452481.9272
	PC 63+36.03	403030.6415	1452484.6987
	TANGENT LENGTH:	39.03	
ELEMENT: CIRCULAR			
	PC 63+36.03	403030.6415	1452484.6987
	PI 64+54.29	403148.6076	1452493.0972
	PT 65+72.28	403264.7618	1452515.3398
	RADIUS:	2000.00	
	DELTA:	06° 46' 05.47" RIGHT	
	DEGREE OF CURVATURE (ARC):	02° 51' 53.24"	
	LENGTH:	236.25	
	TANGENT:	118.26	
	CHORD:	236.12	
	MIDDLE ORDINATE:	3.49	
	EXTERNAL:	3.49	
ELEMENT: LINEAR			
	PT 65+72.28	403264.7618	1452515.3398
	PC 67+32.61	403422.2280	1452545.4933
	TANGENT LENGTH:	160.33	
ELEMENT: CIRCULAR			
	PC 67+32.61	403422.2280	1452545.4933
	PI 68+22.58	403510.5944	1452562.4147
	PT 69+12.54	403599.3412	145257.2115
	RADIUS:	7500.00	
	DELTA:	01° 22' 28.57" LEFT	
	DEGREE OF CURVATURE (ARC):	00° 45' 50.20"	
	LENGTH:	179.94	
	TANGENT:	89.97	
	CHORD:	179.93	
	MIDDLE ORDINATE:	0.54	
	EXTERNAL:	0.54	
ELEMENT: LINEAR			
	PT 69+12.54	403599.3412	1452577.2115
	POE 70+16.00	403701.3895	1452594.2260
	TANGENT LENGTH:	103.46	

PROJECT NAME:	CASTLETON
PROJECT NUMBER:	BRF 015-2(10)
FILE NAME: z12bi38allgn.dgn	PLOT DATE: 9/19/2014
PROJECT LEADER: S.E. BURBANK	DRAWN BY: E.A. FIALA
DESIGNED BY: E.A. FIALA	CHECKED BY: S.E. BURBANK
ROADWAY ALIGNMENT LAYOUT SHEET	SHEET 14 OF 82

