



NORTH BRANCH RD (CURVE #6)
 $\Delta = 36^\circ 31' 00''$ RT
 $D = 114^\circ 35' 30''$
 $R = 50.00'$
 $T = 16.50'$
 $L = 31.87'$
 $E = 2.65'$
 BANKING = NC

VT 125 (CURVE #5)
 $\Delta = 4^\circ 34' 27''$ RT
 $D = 7^\circ 38' 22''$
 $R = 750.00'$
 $T = 29.95'$
 $L = 59.88'$
 $E = 0.60'$

VT 125 (CURVE #4)
 $\Delta = 78^\circ 33' 00''$ LT
 $D = 26^\circ 02' 37''$
 $R = 220.00'$
 $T = 179.91'$
 $L = 301.61'$
 $E = 64.19'$
 BANKING = 5.6%

VT 125 (CURVE #3)
 $\Delta = 55^\circ 14' 00''$ RT
 $D = 38^\circ 11' 50''$
 $R = 150.00'$
 $T = 78.47'$
 $L = 144.60'$
 $E = 19.29'$
 BANKING = 6.0%

VT 125 (CURVE #1)
 $\Delta = 0^\circ 42' 25''$ RT
 $D = 0^\circ 24' 49''$
 $R = 13850.00'$
 $T = 85.45'$
 $L = 177.90'$
 $E = 0.26'$

VT 125 (CURVE #2)
 $\Delta = 1^\circ 23' 21''$ LT
 $D = 1^\circ 16' 24''$
 $R = 4500.00'$
 $T = 54.56'$
 $L = 109.10'$
 $E = 0.33'$

ALIGNMENT DATA

ALIGNMENT	EVENT POINT	NORTHING	EASTING
VT 125	POB/PC 132+70.00	536579.5331	1485595.8086
VT 125	PI 133+55.45	536568.1351	1485680.4937
VT 125	PRC 134+40.90	536555.6931	1485765.0317
VT 125	PI 134+95.45	536547.7494	1485819.0053
VT 125	PT 135+50.00	536541.1166	1485873.1557
VT 125	PC 137+64.85	536514.9949	1486086.4125
VT 125	PI 138+43.32	536505.4540	1486164.3040
VT 125	PT 139+09.45	536436.0271	1486200.8829
VT 125	PC 140+20.42	536337.8494	1486252.6096
VT 125	PI 142+00.33	536178.6821	1486336.4698
VT 125	PT 143+22.03	536229.2766	1486509.1168
VT 125	PC 144+90.12	536276.5482	1486670.4244
VT 125	PI 145+20.08	536284.9720	1486699.1695
VT 125	POE/PT 145+50.00	536291.0766	1486728.4949
NORTH BRANCH RD	POB 50+00.00	536475.2238	1486171.1009
NORTH BRANCH RD	PC 50+19.42	536487.7937	1486185.9054
NORTH BRANCH RD	PI 50+35.92	536498.4702	1486198.4799
NORTH BRANCH RD	PT 50+51.29	536499.5683	1486214.9389
NORTH BRANCH RD	PI 51+12.79	536503.6622	1486276.3069
NORTH BRANCH RD	POE 51+65.00	536514.9176	1486327.2870
CHANNEL	POB 10+00.00	536362.3871	1486126.6509
CHANNEL	POE 11+50.00	536432.3065	1486259.3584

DATUM
 VERTICAL NAVD 88
 HORIZONTAL NAD 83 (92)



PROJECT NAME: MIDDLEBURY
 PROJECT NUMBER: RS 0174(8)
 FILE NAME: z78f217bdr_all.dgn PLOT DATE: 8/27/2013
 PROJECT LEADER: M.A. COLGAN DRAWN BY: B.J. MASSE
 DESIGNED BY: D.M. PECK CHECKED BY: G.L. BAKOS
 ALIGNMENT LAYOUT SHEET SHEET 16 OF 104