



VT 73
 CURVE NO. 1 DATA
 Δ = 04°05' 17.02"
 D = 1°00' 00.00"
 R = 5729.58'
 T = 204.49'
 L = 408.81'
 E = 3.65'
 BANK = 2.0% MAX.
 45 MPH DESIGN

CHANNEL ALIGNMENT

HORIZONTAL ALIGNMENT NAME: CHANNEL			
	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	11+00.00	491592.6684	1548250.4818
POE	13+00.00	491754.7965	1548133.3730
TANGENT DIRECTION:	N 35°50' 29.23" W		
TANGENT LENGTH:	200.00		

MAINLINE ALIGNMENT

HORIZONTAL ALIGNMENT NAME: VT 73 PROPOSED			
	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	331+00.00	491625.0768	1547892.8199
PC	332+95.47	491658.2010	1548085.4666
TANGENT DIRECTION:	N 80°14' 37.72" E		
TANGENT LENGTH:	195.47		
ELEMENT: CIRCULAR			
PC	332+95.47	491658.2010	1548085.4666
PI	334+99.96	491692.8530	1548286.9992
CC		497304.9184	1547114.5551
PT	337+04.28	491741.7841	1548485.5487
RADIUS:	5729.58		
DELTA:	4°05' 17.02" LEFT		
DEGREE OF CURVATURE (ARC):	1°00' 00.00"		
LENGTH:	408.81		
TANGENT:	204.49		
CHORD:	408.72		
MIDDLE ORDINATE:	3.65		
EXTERNAL:	3.65		
ELEMENT: LINEAR			
PT	337+04.28	491741.7841	1548485.5487
POE	337+50.00	491752.7241	1548529.9404
TANGENT DIRECTION:	N 76°09' 20.69" E		
TANGENT LENGTH:	45.72		

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (07)



PROJECT NAME:	ROCHESTER
PROJECT NUMBER:	BRF 0162(17)
FILE NAME:	z85e035allgn.dgn
PROJECT LEADER:	G.S. GOODRICH
DESIGNED BY:	C.L. CILLEY
BR 16 ALIGNMENT LAYOUT SHEET	
PLOT DATE:	8/19/2013
DRAWN BY:	C.L. CILLEY
CHECKED BY:	D.M. PECK
SHEET	134 OF 238