



**TH 15 (FELTON ROAD) ALIGNMENT**

HORIZONTAL ALIGNMENT NAME: TH15PRO

ELEMENT	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	50+00.00	299808.4315	1565082.9495
PC	50+14.97	299800.3608	1565095.5589
TANGENT DIRECTION:	S 57°22' 43.52" E		
TANGENT LENGTH:	14.97		
ELEMENT: CIRCULAR			
PC	50+14.97	299800.3608	1565095.5589
PI	50+31.92	299791.2241	1565109.8340
PT	50+46.54	299796.7576	1565125.8539
RADIUS:	35.00		
DELTA:	51°40' 36.95" LEFT		
DEGREE OF CURVATURE (ARC):	163°42' 08.02"		
LENGTH:	31.57		
TANGENT:	16.95		
CHORD:	30.51		
MIDDLE ORDINATE:	3.50		
EXTERNAL:	3.89		
ELEMENT: LINEAR			
PT	50+46.54	299796.7576	1565125.8539
POE	51+45.00	299828.9044	1565218.9209
TANGENT DIRECTION:	N 70°56' 39.52" E		
TANGENT LENGTH:	98.46		

**CHANNEL ALIGNMENT**

HORIZONTAL ALIGNMENT NAME: BR98CHANNEL

ELEMENT	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	60+00.00	299856.8714	1565242.5033
POE	62+50.00	299868.3412	1564992.7666
TANGENT DIRECTION:	N 87°22' 13.40" W		
TANGENT LENGTH:	250.00		

**VT ROUTE 100 ALIGNMENT**

HORIZONTAL ALIGNMENT NAME: VT100PROP

ELEMENT	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	285+50.00	299623.1359	1564964.3512
POE	291+75.00	300149.5437	1565301.2782
TANGENT DIRECTION:	N 32°37' 16.48" E		
TANGENT LENGTH:	625.00		

NOTE: SEE NEXT SHEET FOR DRIVEWAY ALIGNMENT INFORMATION.

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83(2011)
ADJUSTMENT	COMPASS

PROJECT NAME: WESTON  
PROJECT NUMBER: BF 013-2(13)



FILE NAME: z13b076allgn.dgn  
PROJECT LEADER: S.E. BURBANK  
DESIGNED BY: J.J. WESTCOTT  
ROADWAY ALIGNMENT LAYOUT SHEET (1 OF 2) SHEET 14 OF 68

PLOT DATE: 10/2/2015  
DRAWN BY: J.J. WESTCOTT  
CHECKED BY: S.E. BURBANK