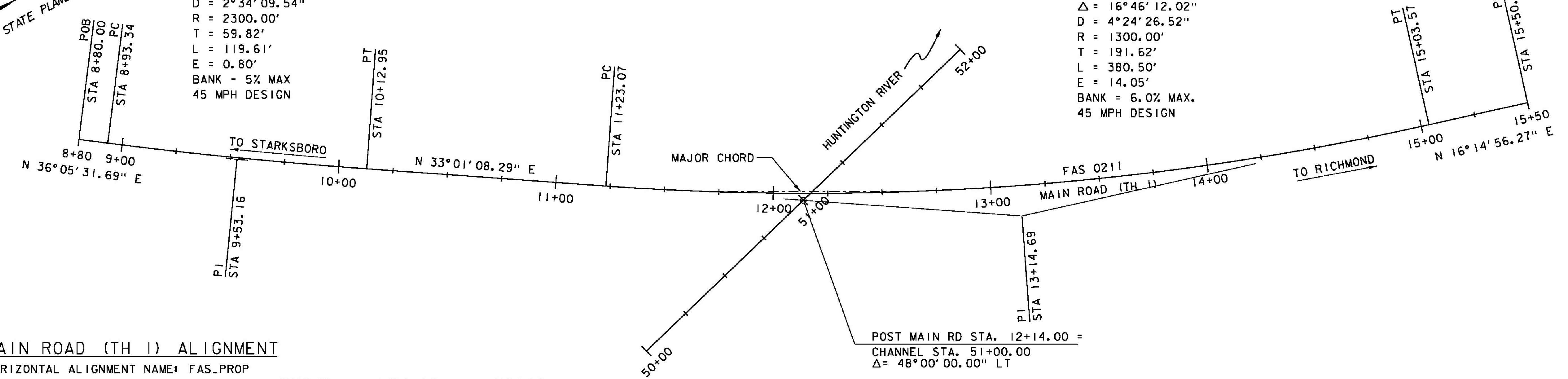


FAS 0211
 CURVE NO. 1 DATA
 $\Delta = 3^{\circ}04'23.40''$
 $D = 2^{\circ}34'09.54''$
 $R = 2300.00'$
 $T = 59.82'$
 $L = 119.61'$
 $E = 0.80'$
 BANK - 5% MAX
 45 MPH DESIGN

FAS 0211
 CURVE NO. 2 DATA
 $\Delta = 16^{\circ}46'12.02''$
 $D = 4^{\circ}24'26.52''$
 $R = 1300.00'$
 $T = 191.62'$
 $L = 380.50'$
 $E = 14.05'$
 BANK = 6.0% MAX.
 45 MPH DESIGN



MAIN ROAD (TH 1) ALIGNMENT

HORIZONTAL ALIGNMENT NAME: FAS_PROP

ELEMENT	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	8+80.00	642669.4735	1519882.4528
PC	8+93.34	642680.2502	1519890.3090
TANGENT DIRECTION:	N 36°05'31.69" E		
TANGENT LENGTH:	13.34		
ELEMENT: CIRCULAR			
PC	8+93.34	642680.2502	1519890.3090
PI	9+53.16	642728.5885	1519925.5478
PT	10+12.95	642778.7466	1519958.1444
RADIUS:	2230.00		
DELTA:	3°04'23.40" LEFT		
DEGREE OF CURVATURE (ARC):	2°34'09.54"		
LENGTH:	119.61		
TANGENT:	59.82		
CHORD:	119.60		
MIDDLE ORDINATE:	0.80		
EXTERNAL:	0.80		
ELEMENT: LINEAR			
PT	10+12.95	642778.7466	1519958.1444
PC	11+23.07	642871.0875	1520018.1548
TANGENT DIRECTION:	N 33°01'08.29" E		
TANGENT LENGTH:	110.13		
ELEMENT: CIRCULAR			
PC	11+23.07	642871.0875	1520018.1548
PI	13+14.69	643031.7586	1520122.5715
PT	15+03.57	643215.7240	1520176.1889
RADIUS:	1300.00		
DELTA:	16°46'12.02" LEFT		
DEGREE OF CURVATURE (ARC):	4°24'26.52"		
LENGTH:	380.50		
TANGENT:	191.62		
CHORD:	379.14		
MIDDLE ORDINATE:	13.90		
EXTERNAL:	14.05		
ELEMENT: LINEAR			
PT	15+03.57	643215.7240	1520176.1889
POE	15+50.00	643260.2960	1520189.1795
TANGENT DIRECTION:	N 16°14'56.27" E		
TANGENT LENGTH:	46.43		

CHANNEL ALIGNMENT

HORIZONTAL ALIGNMENT NAME: BR8CHANNEL

ELEMENT	STATION	NORTHING	EASTING
ELEMENT: LINEAR			
POB	50+00.00	642850.7268	1520093.5517
POE	52+00.00	643043.9291	1520041.8518
TANGENT DIRECTION:	N 14°58'51.71" W		
TANGENT LENGTH:	200.00		

PROJECT NAME: HUNTINGTON
 PROJECT NUMBER: BF 0211(32)

FILE NAME: z13J080allgn.dgn
 PROJECT LEADER: S.E. BURBANK
 DESIGNED BY: D.M. PECK
 ALIGNMENT SHEET

PLOT DATE: 8/15/2016
 DRAWN BY: E.F. LAWES
 CHECKED BY: S.E. BURBANK
 SHEET 13 OF 62

