

SECTION 8, T15N, R10E

Existing Curve #1
 PI Sta= 112+27.04
 X= 293,246.85
 Y= 2,483,883.76
 Δ= 34°23'41.77" LT
 D= 3°00'00.00"
 T= 591.11'
 L= 1,146.50'
 R= 1,909.86'
 E= 89.38'

CRL 'A' Curve #1
 PI Sta= 111+81.48
 X= 2483867.7710
 Y= 293204.1832
 Δ= 29°20'46.73" LT
 D= 2°45'00.00"
 T= 545.55'
 L= 1067.14'
 R= 2083.48'
 E= 70.24'
 e= 8.0% eMax=8.0%
 V= 70 mph

Existing Curve #2
 PI Sta= 131+93.84
 X= 295,191.08
 Y= 2,483,404.15
 Δ= 12°27'52.03" RT
 D= 2°00'00.00"
 T= 312.85'
 L= 623.22'
 R= 2,864.79'
 E= 17.03'

CRL 'A' Curve #2
 PI Sta= 143+74.35
 X= 2483375.1644
 Y= 296383.0697
 Δ= 7°24'56.98" RT
 D= 1°30'00.00"
 T= 247.54'
 L= 494.39'
 R= 3819.72'
 E= 8.01'
 e= 5.2% eMax=8.0%
 V= 70 mph

251ST ☉ ALIGNMENT POINTS

PT	STA	X	Y
1	5+00.00	2,483,022.97	295,363.77
2	8+79.97	2,493,402.87	295,370.84
3	10+30.70	2,483,553.59	295,368.71
4	15+08.57	2,484,031.38	295,377.57

DESIGN	RBW	I-16	S.H.-16 OVER CHICKEN CREEK
DRAWN	RBW	4-16	
CHECKED	TAC	5-16	
APPROVED			
SQUAD	SCHEMMER		

GEOMETRIC LAYOUT

6/16/2016 JP28858_04_Geom.dgn

