

# PROPOSED HORIZONTAL & VERTICAL CONTROL

Chain SLIPRAMP1 contains:  
72201 CUR 72210 CUR 72220 CUR 72230 CUR 72240 CUR 72250

Beginning chain SLIPRAMP1 description  
=====

Point 72201 N 1,744,087.7408 E 2,244,949.7761 Sta 1000+00.00

Course from 72201 to PC 72210 277° 52' 29.60" Dist 162.1400'

Curve Data  
\*\*\*\*\*

**Curve 72210**  
P.I. Station 1003+40.26 N 1,744,134.3596 E 2,244,612.7269  
Delta = 3° 34' 46.85" (RT)  
Degree = 1° 00' 18.68"  
Tangent = 178.1179'  
Length = 356.1200'  
Radius = 5,700.0000'  
External = 2.7823'  
Long Chord = 356.0621'  
Mid. Ord. = 2.7809'  
P.C. Station 1001+62.14 N 1,744,109.9556 E 2,244,789.1651  
P.T. Station 1005+18.26 N 1,744,169.7322 E 2,244,438.1566  
C.C. N 1,749,756.2024 E 2,245,570.1246

Curve Data  
\*\*\*\*\*

**Curve 72220**  
P.I. Station 1005+81.25 N 1,744,182.2422 E 2,244,376.4178  
Delta = 14° 21' 41.00" (RT)  
Degree = 11° 27' 32.96"  
Tangent = 62.9935'  
Length = 125.3268'  
Radius = 500.0000'  
External = 3.9526'  
Long Chord = 124.9989'  
Mid. Ord. = 3.9216'  
P.C. Station 1005+18.26 N 1,744,169.7322 E 2,244,438.1566  
P.T. Station 1006+43.59 N 1,744,209.6747 E 2,244,319.7112  
C.C. N 1,744,659.7735 E 2,244,537.4521

Curve Data  
\*\*\*\*\*

**Curve 72230**  
P.I. Station 1007+28.73 N 1,744,246.7509 E 2,244,243.0699  
Delta = 57° 33' 29.42" (RT)  
Degree = 36° 57' 54.07"  
Tangent = 85.1383'  
Length = 155.7098'  
Radius = 155.0000'  
External = 21.8432'  
Long Chord = 149.2445'  
Mid. Ord. = 19.1452'  
P.C. Station 1006+43.59 N 1,744,209.6747 E 2,244,319.7112  
P.T. Station 1007+99.30 N 1,744,331.3206 E 2,244,233.2461  
C.C. N 1,744,349.2053 E 2,244,387.2108

Curve Data  
\*\*\*\*\*

**Curve 72240**  
P.I. Station 1008+48.09 N 1,744,379.7845 E 2,244,227.6165  
Delta = 11° 08' 47.45" (RT)  
Degree = 11° 27' 32.96"  
Tangent = 48.7898'  
Length = 97.2717'  
Radius = 500.0000'  
External = 2.3748'  
Long Chord = 97.1184'  
Mid. Ord. = 2.3636'  
P.C. Station 1007+99.30 N 1,744,331.3206 E 2,244,233.2461  
P.T. Station 1008+96.57 N 1,744,428.4225 E 2,244,231.4620  
C.C. N 1,744,389.0134 E 2,244,729.9065

Course from PT 72240 to PC 72250 4° 31' 14.32" Dist 259.7229'

Curve Data  
\*\*\*\*\*

**Curve 72250**  
P.I. Station 1013+02.85 N 1,744,833.4449 E 2,244,263.4848  
Delta = 3° 58' 28.12" (LT)  
Degree = 1° 21' 23.16"  
Tangent = 146.5634'  
Length = 293.0093'  
Radius = 4,224.0000'  
External = 2.5419'  
Long Chord = 292.9506'  
Mid. Ord. = 2.5404'  
P.C. Station 1011+56.29 N 1,744,687.3375 E 2,244,251.9329  
P.T. Station 1014+49.30 N 1,744,980.0017 E 2,244,264.8819  
C.C. N 1,745,020.2659 E 2,240,041.0738

Ending chain SLIPRAMP1 description  
=====

Chain COLONAHEIGHTS contains:  
60000 60001

Beginning chain COLONAHEIGHTS description  
=====

Point 60000 N 1,744,056.6127 E 2,245,193.4156 Sta 10+00.00

Course from 60000 to 60001 2° 57' 14.26" Dist 150.0000'

Point 60001 N 1,744,206.4134 E 2,245,201.1456 Sta 11+50.00

Ending chain COLONAHEIGHTS description  
=====

FILE NAME =	USER NAME = cushmenbw	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PROPOSED HORIZONTAL &amp; VERTICAL CONTROL SHEETS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw\work\p\dot\cushmenbw\d0333009\0201709-sh1-ATB.dgn	DRAWN -	REVISIED -	REVISIED -			*	2R-1	HENRY	235	30	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIED -			CONTRACT NO. 64J43					
	PLOT DATE = Fri Aug 01 11:26:02 2014	DATE -	REVISIED -			ILLINOIS FED. AID PROJECT					