

HORIZONTAL & VERTICAL CONTROL

EXISTING IL 13/15

Chain CL_13-15 contains:
3796 3755 3631 CUR CUR.6 324 325

Beginning chain CL_13-15 description
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Point 3796 N 660,734.10 E 2,359,604.67 Sta 121+88.17
Course from 3796 to 3755 S 45° 14' 58" E Dist 200.72'
Point 3755 N 660,592.79 E 2,359,747.22 Sta 123+88.89
Course from 3755 to 3631 S 45° 18' 16" E Dist 699.80'
Point 3631 N 660,100.59 E 2,360,244.67 Sta 130+88.69
Course from 3631 to PC CUR.6 S 45° 28' 29" E Dist 100.75'

Curve Data

Curve CUR.6
P.I. Station 134+72.86 N 659,833.4046 E 2,360,520.7022
Delta = 26° 59' 48" (LT)
Degree = 4° 51' 10"
Tangent = 283.42'
Length = 556.31'
Radius = 1,180.66'
External = 33.54'
Long Chord = 551.17'
Mid. Ord. = 32.61'
P.C. Station 131+89.44 N 660,029.9416 E 2,360,316.5012
P.T. Station 137+45.75 N 659,750.9790 E 2,360,791.8680
C.C. N 660,880.6049 E 2,361,135.2375

Course from PT CUR.6 to 324 S 74° 09' 31" E Dist 1,069.25'
Point 324 N 659,459.10 E 2,361,820.51 Sta 148+15.00
Course from 324 to 325 S 74° 12' 07" E Dist 683.14'
Point 325 N 659,273.12 E 2,362,477.85 Sta 154+98.14

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Ending chain CL_13-15 description

PROPOSED ACCESS ROAD R1

Chain AC_RD_R1 contains:
300 CUR CUR.1 304

Beginning chain AC_RD_R1 description
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Point 300 N 659,682.94 E 2,361,031.65 Sta 20+00.00
Course from 300 to PC CUR.1 S 15° 47' 21" W Dist 116.47'

Curve Data

Curve CUR.1
P.I. Station 21+81.47 N 659,508.3180 E 2,360,982.2740
Delta = 90° 00' 00" (LT)
Degree = 88° 08' 52"
Tangent = 65.00'
Length = 102.10'
Radius = 65.00'
External = 26.92'
Long Chord = 91.92'
Mid. Ord. = 19.04'
P.C. Station 21+16.47 N 659,570.8650 E 2,360,999.9610
P.T. Station 22+18.57 N 659,490.6310 E 2,361,044.8210
C.C. N 659,553.18 E 2,361,062.51

Course from PT CUR.1 to 304 S 74° 12' 38" E Dist 200.64'
Point 304 N 659,436.04 E 2,361,237.89 Sta 24+19.21

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Ending chain AC_RD_R1 description

PROPOSED CITY STREET

Chain AC_RD_L1 contains:
D1 D2

Beginning chain AC_RD_L1 description
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Point D1 N 659,682.94 E 2,361,031.65 Sta 10+00.00
Course from D1 to D2 N 15° 47' 23" E Dist 411.08'
Point D2 N 660,078.51 E 2,361,143.51 Sta 14+11.08

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Ending chain AC_RD_L1 description

DATE TIME
-JUN-2010
-10:58:51
-REF04
-REF04
-REF04

FILE NAME = 0878015-sht-ATB2.dgn	USER NAME = dwoznarski	DESIGNED - DRAWN - DMW	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL AND VERTICAL CONTROL	F.A.P. RTE. 130	SECTION 27-1-N	COUNTY ST. CLAIR	TOTAL SHEETS 50	SHEET NO. 12
PLOT SCALE = N/A PLOT DATE = 9/14/2010				SCALE: N/A SHEET NO. 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 76015 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				