

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL82	210	210	211	212	213

Chain IL82 contains:  
CUR 210 220.

Beginning chain IL82 description  
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Curve Data  
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Curve 210  
 P.I. Station 1237+16.85 N 1,753,500.7304 E 2,298,852.6879  
 Delta = 3° 41' 00.00" (RT)  
 Degree = 0° 30' 00.29"  
 Tangent = 368.4000'  
 Length = 736.5462'  
 Radius = 11,457.2825'  
 External = 5.9213'  
 Long Chord = 736.4194'  
 Mid. Ord. = 5.9182'  
 P.C. Station 1233+48.45 N 1,753,132.4732 E 2,298,862.9425  
 P.T. Station 1240+85.00 N 1,753,868.8858 E 2,298,866.1120  
 C.C. N 1,753,451.3940 E 2,310,315.7855

Course from PT 210 to 220 N 2° 05' 17.74" E Dist 4,677.7062'

Point 220 N 1,758,543.4854 E 2,299,036.5628 Sta 1287+62.70

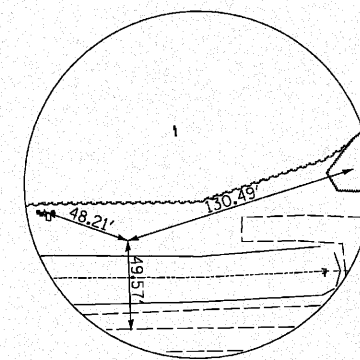
Course from 220 to PC 230 N 2° 06' 56.28" E Dist 2,606.7891'

Ending chain IL82 description  
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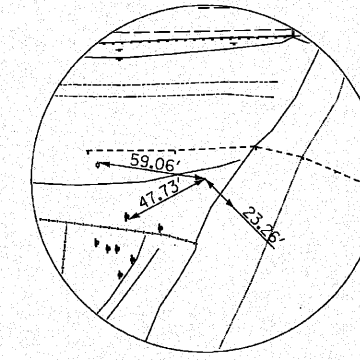
REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
512	IL82	1265+93.51	27.81' RT.	PK NAIL PP
513	IL82	1266+28.00	74.19' LT.	PK NAIL
514	IL82	1266+92.19	23.12' LT.	PK NAIL GUARDPOST
515	IL82	1259+42.36	78.99' LT.	PK NAIL PP
516	IL82	1259+88.72	12.77' LT.	PK NAIL EOP
517	IL82	1261+12.57	99.88' LT.	PK NAIL
518	IL82	1263+74.85	111.28' RT.	PK NAIL
519	IL82	1263+16.32	116.28' RT.	PK NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
400	1756079.8840	2299031.3620	607.36	IL82	1263+00.55	84.57' RT.	PP
401	1756426.4830	2299030.0550	596.06	IL82	1266+46.87	70.64' RT.	PP
1445	1756353.3350	2298973.3080	597.22	IL82	1265+71.70	16.59' RT.	IDOT BM 45 TOP OF WINGWALL

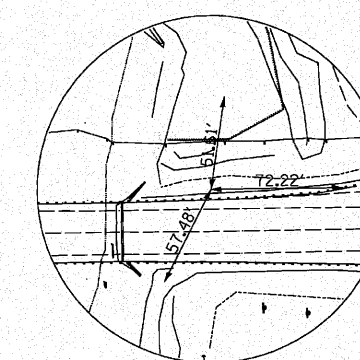
HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
74	1755772.4950	2298873.1600	598.6920	IL82	1259+87.60	62.32' LT.	PIN GPS CONTROL POINT
75	1756138.0930	2299043.3710	606.5250	IL82	1263+59.15	94.45' RT.	PIN GPS CONTROL POINT
76	1756403.0230	2298935.2840	598.7530	IL82	1266+19.97	23.22' LT.	PIN GPS CONTROL POINT



HORIZONTAL CONTROL POINT #74



HORIZONTAL CONTROL POINT #75



HORIZONTAL CONTROL POINT #76

FILE NAME = G:\ENGR\06-6798-1A D2 Bridges\Phase 2\IL82\CAD\Civil\Sheet\1264025-INT-ATB.dgn



USER NAME = *USER*	DESIGNED - JNH	REVISED -
DRAWN - JNH	REVISED -	
PLOT SCALE = *SCALE*	CHECKED - KMB	REVISED -
PLOT DATE = 10/28/2010	DATE - 08/27/2010	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

HORIZONTAL & VERTICAL CONTROL  
IL 82 OVER GREEN RIVER

SCALE: SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 638	SECTION 129BR-4	COUNTY HENRY	TOTAL SHEETS 93	SHEET NO. 3
CONTRACT NO. 64D25				
ILLINOIS FED. AID PROJECT				