

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
742	40-M	WINNEBAGO	165	26
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	2033343.2750	2582762.8470	710.8880	HVCIL2	340+74.2337	53.7617' RT	TOPO SURVEY POINT
101	2034086.7400	2582614.5210	713.8820	HVCIL2	346+11.9025	424.9210' LT	TOPO SURVEY POINT

PROPOSED ALIGNMENTS

Chain PRWCLIF contains:
40100 CUR PRWCLIF-1 40101

Beginning chain PRWCLIF description

Point 40100 N 2,034,208.8745 E 2,582,633.9751 Sta 26+27.1929

Course from 40100 to PC PRWCLIF-1 178° 52' 29.0926" Dist 284.3321'

Curve Data

Curve PRWCLIF-1

P.I. Station 30+73.2998 N 2,033,762.8536 E 2,582,642.7358
 Delta = 46° 25' 00.5875" (LT)
 Degree = 15° 13' 50.5467"
 Tangent = 161.7748'
 Length = 304.7582'
 Radius = 377.2958'
 External = 33.2200'
 Long Chord = 297.3671'
 Mid. Ord. = 30.5317'
 P.C. Station 29+11.5250 N 2,033,924.5972 E 2,582,639.5589
 P.T. Station 32+16.2832 N 2,033,653.6477 E 2,582,762.0889
 C.C. N 2,033,932.0065 E 2,583,016.7819

Course from PT PRWCLIF-1 to 40101 132° 27' 28.5051" Dist 64.5495'

Point 40101 N 2,033,610.0737 E 2,582,809.7118 Sta 32+80.8327

Ending chain PRWCLIF description

HORIZONTAL CONTROL

MAIN LINE	POINT	NORTH	EAST	ELEVATION	STATION	OFFSET	DESCRIPTION
	8941	2033465.4836	2582685.0971	712.8168	341+67.6369	56.9380' LT	FORESIGHT STATION

BENCH MARKS

MAIN LINE	POINT	NORTH	EAST	ELEVATION	STATION	OFFSET	DESCRIPTION
	430	2033073.6864	2582612.1477	717.5511	337+84.4562	55.0751' LT	HEADWALL

REFERENCE TIES

MAIN LINE	POINT	STATION	OFFSET	DESCRIPTION
	562	342+37.4283	76.7965' LT	TOP OF R.O.W. MARKER
	563	341+64.9328	29.4895' LT	CATCH BASIN
	564	341+42.7315	78.8059' LT	POWER POLE W/TTRANSFORMER

EXISTING ALIGNMENTS

Chain HVCIL2 contains:
60303 CUR DRT2-4 60322

Beginning chain HVCIL2 description

Point 60303 N 2,032,472.2623 E 2,582,667.6463 Sta 331+85.1244

Course from 60303 to PC DRT2-4 359° 51' 15.8243" Dist 547.3892'

Curve Data

Curve DRT2-4

P.I. Station 341+57.5894 N 2,033,444.7241 E 2,582,665.1750
 Delta = 36° 55' 09.5575" (RT)
 Degree = 4° 29' 58.0045"
 Tangent = 425.0758'
 Length = 820.5304'
 Radius = 1,273.3964'
 External = 69.0744'
 Long Chord = 806.4086'
 Mid. Ord. = 65.5203'
 P.C. Station 337+32.5136 N 2,033,019.6497 E 2,582,666.2552
 P.T. Station 345+53.0441 N 2,033,785.2124 E 2,582,919.6493
 C.C. N 2,033,022.8858 E 2,583,939.6475

Course from PT DRT2-4 to 60322 36° 46' 25.3818" Dist 1,535.7396'

Point 60322 N 2,035,015.3492 E 2,583,839.0293 Sta 360+88.7836

Ending chain HVCIL2 description

Chain CER+41 contains:
70300 70301

Beginning chain CER+41 description

Point 70300 N 2,033,606.2439 E 2,582,807.7325 Sta 10+00.0000

Course from 70300 to 70301 93° 39' 02.9602" Dist 395.3075'

Point 70301 N 2,033,581.0724 E 2,583,202.2378 Sta 13+95.3075

Ending chain CER+41 description

CURVE POINT NUMBERS

CURVE	PI	CC	PC	PT
DRT2-4	60310	60311	60312	60313
PRWCLIF-1	60330	60331	60332	60333

PLOT DATE = Mon Apr 03 11:03:21 2006
 PLOT SCALE = 1"=50.0000'
 USER NAME = jordanhd

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	

SCALE: VERT. DRAWN BY
 HORIZ. CHECKED BY
 DATE

HORIZONTAL AND VERTICAL CONTROL