

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	67
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* ROUTE 17 (US 52 / IL 64)				
** (1,2)RS & (3,1) RS-1				

EXISTING CONTROL

Chain SCBLUFN contains:
50210 50001

Beginning chain SCBLUFN description

Point 50210 N 1,978,714.2194 E 2,310,550.2230 Sta 30+00.0000

Course from 50210 to 50001 0° 56' 52.9111" Dist 300.0207'

Point 50001 N 1,979,014.1990 E 2,310,555.1870 Sta 33+00.0207

Ending chain SCBLUFN description

Chain SCBLUFS contains:
50000 50200

Beginning chain SCBLUFS description

Point 50000 N 1,978,464.2490 E 2,310,543.3270 Sta 17+49.9860

Course from 50000 to 50200 0° 52' 22.5960" Dist 250.0140'

Point 50200 N 1,978,714.2340 E 2,310,547.1360 Sta 20+00.0000

Ending chain SCBLUFS description

Chain DAUPIN contains:
50220 CUR 50230 50002

Beginning chain DAUPIN description

Point 50220 N 1,977,165.0929 E 2,315,883.7399 Sta 40+00.0000

Course from 50220 to PC 50230 33° 22' 27.0142" Dist 56.7560'

Curve Data

Curve 50230
P.I. Station 41+39.6321 N 1,977,281.6991 E 2,315,960.5522
Delta = 31° 53' 51.8913" (LT)
Degree = 19° 45' 25.7953"
Tangent = 82.8762'
Length = 161.4490'
Radius = 290.0000'
External = 11.6098'
Long Chord = 159.3721'
Mid. Ord. = 11.1629'
P.C. Station 40+56.7560 N 1,977,212.4896 E 2,315,914.9616
P.T. Station 42+18.2050 N 1,977,364.5478 E 2,315,962.6875
C.C. N 1,977,372.0198 E 2,315,672.7838

Course from PT 50230 to 50002 1° 28' 35.1229" Dist 79.9697'

Point 50002 N 1,977,444.4910 E 2,315,964.7480 Sta 42+98.1747

Ending chain DAUPIN description

Chain ROBERTS contains:
50240 50003

Beginning chain ROBERTS description

Point 50240 N 1,975,233.8211 E 2,321,173.4791 Sta 50+00.0000

Course from 50240 to 50003 18° 50' 18.6196" Dist 186.3692'

Point 50003 N 1,975,410.2070 E 2,321,233.6580 Sta 51+86.3692

Ending chain ROBERTS description

Chain JACOBS contains:

Beginning chain JACOBS description

Point 50250 N 1,974,301.5004 E 2,325,256.2230 Sta 60+00.0000

Course from 50250 to 50004 1° 09' 30.4480" Dist 234.4835'

Point 50004 N 1,974,535.9360 E 2,325,260.9637 Sta 62+34.4835

Ending chain JACOBS description

50250 50004

Chain BECKER contains:

50005 CUR 52270 CUR 52280 CUR 52290 50270

Beginning chain BECKER description

Point 50005 N 1,973,056.9984 E 2,326,334.5165 Sta 61+17.3641

Course from 50005 to PC 52270 138° 36' 43.3862" Dist 199.8477'

Curve Data

Curve 52270
P.I. Station 64+60.2191 N 1,972,797.8602 E 2,326,558.9825
Delta = 34° 02' 11.4394" (LT)
Degree = 12° 15' 46.9246"
Tangent = 143.0074'
Length = 277.5537'
Radius = 467.2235'
External = 21.3959'
Long Chord = 273.4906'
Mid. Ord. = 20.4590'
P.C. Station 63+17.2118 N 1,972,907.0627 E 2,326,466.6466
P.T. Station 65+94.7655 N 1,972,759.0484 E 2,326,696.6224
C.C. N 1,973,208.7359 E 2,326,823.4254

Curve Data

Curve 52280
P.I. Station 67+44.8668 N 1,972,718.5238 E 2,326,841.1497
Delta = 28° 30' 01.3721" (LT)
Degree = 9° 41' 39.9845"
Tangent = 150.1013'
Length = 293.9869'
Radius = 591.0169'
External = 18.7629'
Long Chord = 290.9653'
Mid. Ord. = 18.1855'
P.C. Station 65+94.7655 N 1,972,759.0484 E 2,326,696.6224
P.T. Station 68+88.7524 N 1,972,751.8735 E 2,326,987.4993
C.C. N 1,973,328.1181 E 2,326,856.1863

Curve Data

Curve 52290
P.I. Station 69+23.3663 N 1,972,759.5641 E 2,327,021.2480
Delta = 53° 37' 39.5151" (LT)
Degree = 83° 39' 51.6935"
Tangent = 34.6139'
Length = 64.0986'
Radius = 68.4829'
External = 8.2506'
Long Chord = 61.7843'
Mid. Ord. = 7.3635'
P.C. Station 68+88.7524 N 1,972,751.8735 E 2,326,987.4993
P.T. Station 69+52.8509 N 1,972,791.2987 E 2,327,035.0698
C.C. N 1,972,818.6447 E 2,326,972.2836

Course from PT 52290 to 50270 23° 32' 06.0724" Dist 47.1491'

Point 50270 N 1,972,834.5257 E 2,327,053.8969 Sta 70+00.0000

Ending chain BECKER description

PLOT DATE = Fri Mar 23 06:16:52 2007
 PLOT SCALE = 50.0000
 USER NAME = hnsauke

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. DATE DRAWN BY CHECKED BY