

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	68
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 SEVENH contains:

Beginning chain SEVENH description

Point 50006 N 1,971,841.5550 E 2,329,267.8843 Sta 77+68.4176

Course from 50006 to 50280 359° 53' 10.0103" Dist 231.5824'

50006 50280
Point 50280 N 1,972,073.1370 E 2,329,267.4240 Sta 80+00.0000

Ending chain SEVENH description

Chain EXQUARRY contains:
1370 CUR 1250 CUR 1260 CUR 1480 191

Beginning chain EXQUARRY description
Feature:

Point 1370 N 1,971,956.5720 E 2,334,915.4770 Sta 1000+00.0000

Course from 1370 to PC 1250 359° 20' 30.8948" Dist 15.4334'

Curve Data

Curve 1250
P.I. Station 1000+66.4803 N 1,972,023.0480 E 2,334,914.7135
Delta = 77° 41' 00.2391" (LT)
Degree = 90° 22' 44.5870"
Tangent = 51.0469'
Length = 85.9529'
Radius = 63.3950'
External = 17.9973'
Long Chord = 79.5190'
Mid. Ord. = 14.0178'
P.C. Station 1000+15.4334 N 1,971,972.0044 E 2,334,915.2998
P.T. Station 1001+01.3863 N 1,972,033.3634 E 2,334,864.7197
C.C. N 1,971,971.2763 E 2,334,851.9090

Course from PT 1250 to PC 1260 281° 39' 30.6557" Dist 166.4136'

Curve Data

Curve 1260
P.I. Station 1003+67.3415 N 1,972,087.1072 E 2,334,604.2513
Delta = 79° 02' 16.7548" (RT)
Degree = 47° 28' 50.0414"
Tangent = 99.5416'
Length = 166.4639'
Radius = 120.6721'
External = 35.7577'
Long Chord = 153.5755'
Mid. Ord. = 27.5840'
P.C. Station 1002+67.7999 N 1,972,066.9920 E 2,334,701.7393
P.T. Station 1004+34.2638 N 1,972,186.6414 E 2,334,605.4614
C.C. N 1,972,185.1745 E 2,334,726.1245

Course from PT 1260 to PC 1480 0° 41' 47.4105" Dist 378.2766'

Curve Data

Curve 1480
P.I. Station 1008+85.0359 N 1,972,637.3802 E 2,334,610.9409
Delta = 0° 40' 03.7918" (LT)
Degree = 0° 27' 37.9080"
Tangent = 72.4956'
Length = 144.9895'
Radius = 12,441.2698'
External = 0.2112'
Long Chord = 144.9886'
Mid. Ord. = 0.2112'
P.C. Station 1008+12.5404 N 1,972,564.8900 E 2,334,610.0597
P.T. Station 1009+57.5298 N 1,972,709.8758 E 2,334,610.9773
C.C. N 1,972,716.1257 E 2,322,169.7091

Course from PT 1480 to 191 0° 01' 43.6187" Dist 739.8213'

Point 191 N 1,973,449.6970 E 2,334,611.3490 Sta 1016+97.3512

Ending chain EXQUARRY description

Chain PRESTON contains:
50007 50290

Beginning chain PRESTON description

Point 50007 N 1,971,631.0360 E 2,337,446.9010 Sta 87+99.9208

Course from 50007 to 50290 359° 02' 18.0219" Dist 200.0792'

Point 50290 N 1,971,831.0871 E 2,337,443.5430 Sta 90+00.0000

Ending chain PRESTON description

Chain EXCH11 contains:
121 1380

Beginning chain EXCH11 description

Point 121 N 1,970,976.2490 E 2,342,763.7900 Sta 1100+00.0000

Course from 121 to 1380 0° 19' 01.2548" Dist 821.4057'

Point 1380 N 1,971,797.6421 E 2,342,768.3348 Sta 1108+21.4057

Ending chain EXCH11 description

Chain EXOLD52_W contains:
1390 CUR 1270 110

Beginning chain EXOLD52_W description

Point 1390 N 1,971,915.7261 E 2,343,859.8118 Sta 1200+00.0000

Course from 1390 to PC 1270 4° 25' 52.6440" Dist 43.3003'

Curve Data

Curve 1270
P.I. Station 1200+79.2109 N 1,971,994.7002 E 2,343,865.9319
Delta = 20° 39' 10.8334" (RT)
Degree = 29° 04' 17.5639"
Tangent = 35.9107'
Length = 71.0420'
Radius = 197.0854'
External = 3.2449'
Long Chord = 70.6580'
Mid. Ord. = 3.1923'
P.C. Station 1200+43.3003 N 1,971,958.8969 E 2,343,863.1573
P.T. Station 1201+14.3423 N 1,972,027.2240 E 2,343,881.1563
C.C. N 1,971,943.6694 E 2,344,059.6536

Course from PT 1270 to 110 25° 05' 03.4773" Dist 292.3301'

Point 110 N 1,972,291.9830 E 2,344,005.0900 Sta 1204+06.6724

Ending chain EXOLD52_W description

Chain EXN.MILLRD contains:
1400 CUR 1280 CUR 1290 142

Beginning chain EXN.MILLRD description

Point 1400 N 1,972,740.3451 E 2,345,432.0685 Sta 1300+00.0000

Course from 1400 to PC 1280 325° 37' 27.1460" Dist 12.5791'

Curve Data

Curve 1280
P.I. Station 1300+34.4355 N 1,972,768.7665 E 2,345,412.6255
Delta = 21° 34' 44.3805" (RT)
Degree = 49° 57' 26.2735"
Tangent = 21.8564'
Length = 43.1949'
Radius = 114.6895'
External = 2.0640'
Long Chord = 42.9400'
Mid. Ord. = 2.0275'
P.C. Station 1300+12.5791 N 1,972,750.7273 E 2,345,424.9661
P.T. Station 1300+55.7740 N 1,972,790.0800 E 2,345,407.7845
C.C. N 1,972,815.4831 E 2,345,519.6253

Course from PT 1280 to PC 1290 347° 12' 11.5265" Dist 22.5397'

Curve Data

Curve 1290
P.I. Station 1302+05.7620 N 1,972,936.3426 E 2,345,374.5630
Delta = 11° 18' 58.0438" (RT)
Degree = 4° 27' 14.3296"
Tangent = 127.4484'
Length = 254.0676'
Radius = 1,286.3950'
External = 6.2980'
Long Chord = 253.6549'
Mid. Ord. = 6.2673'
P.C. Station 1300+78.3136 N 1,972,812.0599 E 2,345,402.7921
P.T. Station 1303+32.3813 N 1,973,063.7485 E 2,345,371.2698
C.C. N 1,973,096.9886 E 2,346,657.2352

Course from PT 1290 to 142 358° 31' 09.5703" Dist 201.2707'

Point 142 N 1,973,264.9520 E 2,345,366.0690 Sta 1305+33.6520

Ending chain EXN.MILLRD description

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT.
DATE: HORIZ.

DRAWN BY
CHECKED BY

PLOT DATE = Fri, Mar 23, 06:16:32, 2007
FILE NAME = c:\nrc\meta\2074480\2074480.dgn
PLOT SCALE = 50.0000 / IN.
USER NAME = hmsanku