

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	70
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 EXN\_EASTST contains:  
1410 CUR 1300 138

Beginning chain EXN\_EASTST description

Point 1410 N 1,975,141.4100 E 2,350,536.8516 Sta 1400+00.0000

Course from 1410 to PC 1300 348° 36' 31.1819" Dist 112.2257'

Curve Data

Curve 1300

P.I. Station 1402+44.4614 N 1,975,381.0557 E 2,350,488.5683  
 Delta = 10° 50' 58.6993" (RT)  
 Degree = 4° 06' 52.8885"  
 Tangent = 132.2356'  
 Length = 263.6805'  
 Radius = 1,392.4685'  
 External = 6.2648'  
 Long Chord = 263.2867'  
 Mid. Ord. = 6.2367'  
 P.C. Station 1401+12.2257 N 1,975,251.4250 E 2,350,514.6860  
 P.T. Station 1403+75.9062 N 1,975,513.2854 E 2,350,487.3181  
 C.C. N 1,975,526.4503 E 2,351,879.7243

Course from PT 1300 to 138 359° 27' 29.8812" Dist 760.9296'

Point 138 N 1,976,274.1810 E 2,350,480.1240 Sta 1411+36.8358

Ending chain EXN\_EASTST description

Chain EXS\_EASTST contains:  
155 CUR 1310 CUR 1320 1420

Beginning chain EXS\_EASTST description

Point 155 N 1,974,202.3990 E 2,350,491.8000 Sta 1500+00.0000

Course from 155 to PC 1310 359° 52' 55.9825" Dist 190.0421'

Curve Data

Curve 1310

P.I. Station 1502+95.9485 N 1,974,498.3468 E 2,350,491.1916  
 Delta = 11° 46' 51.6677" (RT)  
 Degree = 5° 34' 54.0289"  
 Tangent = 105.9064'  
 Length = 211.0660'  
 Radius = 1,026.4980'  
 External = 5.4489'  
 Long Chord = 210.6944'  
 Mid. Ord. = 5.4201'  
 P.C. Station 1501+90.0421 N 1,974,392.4407 E 2,350,491.4093  
 P.T. Station 1504+01.1081 N 1,974,602.0666 E 2,350,512.6015  
 C.C. N 1,974,394.5508 E 2,351,517.9052

Course from PT 1310 to PC 1320 11° 39' 47.6502" Dist 194.3923'

Curve Data

Curve 1320

P.I. Station 1507+32.5735 N 1,974,926.6882 E 2,350,579.6103  
 Delta = 24° 39' 25.5162" (LT)  
 Degree = 9° 08' 08.0206"  
 Tangent = 137.0732'  
 Length = 269.9023'  
 Radius = 627.1731'  
 External = 14.8044'  
 Long Chord = 267.8244'  
 Mid. Ord. = 14.4630'  
 P.C. Station 1505+95.5004 N 1,974,792.4452 E 2,350,551.8997  
 P.T. Station 1508+65.4026 N 1,975,060.2515 E 2,350,548.7898  
 C.C. N 1,974,919.2338 E 2,349,937.6760

Course from PT 1320 to 1420 347° 00' 22.1340" Dist 78.3757'

Point 1420 N 1,975,136.6203 E 2,350,531.1673 Sta 1509+43.7783

Ending chain EXS\_EASTST description

Chain EXBENTONS contains:  
1430 CUR 1330 156

Beginning chain EXBENTONS description

Point 1430 N 1,976,831.4194 E 2,352,606.1836 Sta 1600+00.0000

Course from 1430 to PC 1330 301° 05' 30.8091" Dist 257.5733'

Curve Data

Curve 1330

P.I. Station 1606+78.5434 N 1,977,181.8274 E 2,352,025.1197  
 Delta = 32° 37' 05.4891" (LT)  
 Degree = 3° 58' 56.3147"  
 Tangent = 420.9701'  
 Length = 819.0772'  
 Radius = 1,438.7575'  
 External = 60.3219'  
 Long Chord = 808.0611'  
 Mid. Ord. = 57.8946'  
 P.C. Station 1602+57.5733 N 1,976,964.4333 E 2,352,385.6133  
 P.T. Station 1610+76.6505 N 1,977,170.6145 E 2,351,604.2990  
 C.C. N 1,975,732.3674 E 2,351,642.6214

Course from PT 1330 to 156 268° 28' 25.3201" Dist 783.4379'

Point 156 N 1,977,149.7470 E 2,350,821.1390 Sta 1618+60.0884

Ending chain EXBENTONS description

PLOT DATE = Fri Mar 23 06:16:33 2007  
 FILE NAME = c:\p\proj\p2\207488\d07488.mcdgn  
 PLOT SCALE = 50.0000 / 1 IN.  
 USER NAME = hansenk

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