

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	CARROLL	548	69
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 EX.MILLRD contains:

Beginning chain EX.MILLRD description

Point 163 N 1,971,724.3690 E 2,345,388.0710 Sta 1700+00.0000
163 CUR 1340 CUR 1350 1440

Course from 163 to PC 1340 359° 41' 41.2383" Dist 368.2640'

Curve Data

Curve 1340

P.I. Station 1704+72.7347 N 1,972,197.0970 E 2,345,385.5528
Delta = 14° 14' 48.8060" (RT)
Degree = 6° 51' 14.2331"
Tangent = 104.4708'
Length = 207.8638'
Radius = 835.9522'
External = 6.5027'
Long Chord = 207.3287'
Mid. Ord. = 6.4525'
P.C. Station 1703+68.2640 N 1,972,092.6278 E 2,345,386.1093
P.T. Station 1705+76.1278 N 1,972,298.4902 E 2,345,410.7233
C.C. N 1,972,097.0808 E 2,346,222.0497

Course from PT 1340 to PC 1350 13° 56' 30.0443" Dist 65.6683'

Curve Data

Curve 1350

P.I. Station 1707+97.6762 N 1,972,513.5121 E 2,345,464.1019
Delta = 29° 08' 15.8957" (LT)
Degree = 9° 33' 10.7506"
Tangent = 155.8801'
Length = 305.0119'
Radius = 599.7683'
External = 19.9257'
Long Chord = 301.7358'
Mid. Ord. = 19.2850'
P.C. Station 1706+41.7961 N 1,972,362.2240 E 2,345,426.5451
P.T. Station 1709+46.8081 N 1,972,663.9417 E 2,345,423.2422
C.C. N 1,972,506.7287 E 2,344,844.4451

Course from PT 1350 to 1440 344° 48' 14.1487" Dist 58.7654'

Point 1440 N 1,972,720.6524 E 2,345,407.8384 Sta 1710+05.5735

Ending chain EX.MILLRD description

Chain EXOLD52_E contains:
175 CUR 1360 1450

Beginning chain EXOLD52_E description

Point 175 N 1,973,075.1020 E 2,346,774.2970 Sta 1800+00.0000

Course from 175 to PC 1360 275° 38' 26.5177" Dist 423.8357'

Curve Data

Curve 1360

P.I. Station 1805+22.5254 N 1,973,126.4609 E 2,346,254.3017
Delta = 25° 17' 54.3272" (RT)
Degree = 13° 01' 46.3224"
Tangent = 98.6897'
Length = 194.1622'
Radius = 439.7377'
External = 10.9383'
Long Chord = 192.5888'
Mid. Ord. = 10.6729'
P.C. Station 1804+23.8357 N 1,973,116.7607 E 2,346,352.5135
P.T. Station 1806+17.9979 N 1,973,177.2000 E 2,346,169.6542
C.C. N 1,973,554.3692 E 2,346,395.7353

Course from PT 1360 to 1450 300° 56' 20.8449" Dist 134.2521'

Point 1450 N 1,973,246.2226 E 2,346,054.5043 Sta 1807+52.2500

Ending chain EXOLD52_E description

Chain EXIL78 contains:
1063 CUR 1490 CUR 1500 CUR 1510 CUR 1520 1076

Beginning chain EXIL78 description

Point 1063 N 1,968,979.3970 E 2,348,040.7750 Sta 558+46.0986

Course from 1063 to PC 1490 359° 25' 13.5230" Dist 2,439.5588'

Curve Data

Curve 1490

P.I. Station 586+58.6442 N 1,971,791.7988 E 2,348,012.3251
Delta = 0° 48' 22.2105" (LT)
Degree = 0° 06' 29.0564"
Tangent = 372.9868'
Length = 745.9614'
Radius = 53,016.6842'
External = 1.3120'
Long Chord = 745.9552'
Mid. Ord. = 1.3120'
P.C. Station 582+85.6574 N 1,971,418.8310 E 2,348,016.0980
P.T. Station 590+31.6188 N 1,972,164.6765 E 2,348,003.3050
C.C. N 1,970,882.5485 E 2,295,002.1262

Course from PT 1490 to PC 1500 358° 36' 51.3125" Dist 1,634.8311'

Curve Data

Curve 1500

P.I. Station 611+59.8288 N 1,974,292.2641 E 2,347,951.8375
Delta = 1° 23' 18.9476" (RT)
Degree = 0° 08' 26.6281"
Tangent = 493.3789'
Length = 986.7095'
Radius = 40,713.2586'
External = 2.9894'
Long Chord = 986.6854'
Mid. Ord. = 2.9891'
P.C. Station 606+66.4499 N 1,973,799.0295 E 2,347,963.7691
P.T. Station 616+53.1594 N 1,974,785.6430 E 2,347,951.8620
C.C. N 1,974,783.6178 E 2,388,665.1206

Course from PT 1500 to PC 1510 0° 00' 10.2601" Dist 1,763.9281'

Curve Data

Curve 1510

P.I. Station 635+13.9530 N 1,976,646.4366 E 2,347,951.9546
Delta = 21° 14' 08.0669" (LT)
Degree = 11° 05' 18.9294"
Tangent = 96.8655'
Length = 191.5083'
Radius = 516.7093'
External = 9.0011'
Long Chord = 190.4141'
Mid. Ord. = 8.8470'
P.C. Station 634+17.0875 N 1,976,549.5711 E 2,347,951.9497
P.T. Station 636+08.5958 N 1,976,736.7267 E 2,347,916.8740
C.C. N 1,976,549.5968 E 2,347,435.2405

Curve Data

Curve 1520

P.I. Station 637+06.1404 N 1,976,827.6497 E 2,347,881.5476
Delta = 20° 20' 02.5913" (RT)
Degree = 10° 32' 01.4797"
Tangent = 97.5446'
Length = 193.0373'
Radius = 543.9260'
External = 8.6773'
Long Chord = 192.0258'
Mid. Ord. = 8.5411'
P.C. Station 636+08.5958 N 1,976,736.7267 E 2,347,916.8740
P.T. Station 638+01.6331 N 1,976,925.1823 E 2,347,880.0177
C.C. N 1,976,933.7133 E 2,348,423.8768

Course from PT 1520 to 1076 359° 06' 04.7845" Dist 2,579.8481'

Point 1076 N 1,979,504.7130 E 2,347,839.5550 Sta 663+81.4811

Ending chain EXIL78 description

Chain EXJACKSON contains:
70000 70001

Beginning chain EXJACKSON description

Point 70000 N 1,973,835.3020 E 2,348,592.3630 Sta 7+84.9999

Course from 70000 to 70001 358° 58' 21.4982" Dist 460.0700'

Point 70001 N 1,974,295.2980 E 2,348,584.1140 Sta 12+45.0699

Ending chain EXJACKSON description

PLOT DATE = Fri Mar 23 06:16:53 2007
 FILE NAME = c:\npro\msta\207480\1407480.dgn
 PLOT SCALE = 80.0000 / IN.
 USER NAME = harsenka

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

HORIZONTAL & VERTICAL CONTROL