

F.A. R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
573	116R-4	DEKALB	416	31
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# HORIZONTAL & VERTICAL CONTROL

Chain EXCOSTER contains:  
70390 70020

Beginning chain EXCOSTER description

Point 70390 N 1,861,983.27 E 2,714,266.88 Sta 220+00.00  
COURSE FROM 70390 TO 70020 358° 27' 26.40" DIST 443.64'

Point 70020 N 1,862,426.75 E 2,714,254.94 Sta 224+43.64

Ending chain EXCOSTER description

Chain EXDONALD contains:  
71220 70023

Beginning chain EXDONALD description

Point 71220 N 1,862,000.36 E 2,714,734.49 Sta 240+00.00  
COURSE FROM 71220 TO 70023 357° 39' 12.33" DIST 549.84'

Point 70023 N 1,862,549.74 E 2,714,711.98 Sta 245+49.84

Ending chain EXDONALD description

Chain EXGARST contains:  
60004 60003 70010 70011

Beginning chain EXGARST description

Point 60004 N 1,861,162.89 E 2,711,772.98 Sta 93+31.57  
COURSE FROM 60004 TO 60003 0° 00' 00.00" DIST 372.67'

Point 60003 N 1,861,535.57 E 2,711,772.98 Sta 97+04.24

COURSE FROM 60003 TO 70010 26° 36' 26.29" DIST 31.44'

Point 70010 N 1,861,563.68 E 2,711,787.06 Sta 97+35.68

COURSE FROM 70010 TO 70011 358° 16' 57.65" DIST 883.93'

Point 70011 N 1,862,447.21 E 2,711,760.56 Sta 106+19.61

Ending chain EXGARST description

Chain EXMACHDR contains:  
70005 70230

Beginning chain EXMACHDR description

Point 70005 N 1,861,384.22 E 2,709,749.74 Sta 37+88.77  
COURSE FROM 70005 TO 70230 350° 55' 42.81" DIST 211.23'

Point 70230 N 1,861,592.81 E 2,709,716.44 Sta 40+00.00

Ending chain EXMACHDR description

Chain EXMAPLE contains:  
70360 70018

Beginning chain EXMAPLE description

Point 70360 N 1,861,856.54 E 2,712,841.02 Sta 160+00.00  
COURSE FROM 70360 TO 70018 358° 26' 29.33" DIST 539.71'

Point 70018 N 1,862,396.05 E 2,712,826.35 Sta 165+39.71

Ending chain EXMAPLE description

Chain EXNMAY contains:  
70340 70015

Beginning chain EXNMAY description

Point 70340 N 1,861,836.77 E 2,712,120.00 Sta 120+00.00  
COURSE FROM 70340 TO 70015 358° 48' 48.57" DIST 529.53'

Point 70015 N 1,862,366.19 E 2,712,109.03 Sta 125+29.53

Ending chain EXNMAY description

Chain EXNOAK contains:  
70320 70013

Beginning chain EXNOAK description

Point 70320 N 1,861,866.65 E 2,713,209.56 Sta 180+00.00  
COURSE FROM 70320 TO 70013 358° 40' 53.12" DIST 537.65'

Point 70013 N 1,862,404.16 E 2,713,197.19 Sta 185+37.65

Ending chain EXNOAK description

Chain EXNSYCAMO contains:  
70380 70017

Beginning chain EXNSYCAMO description

Point 70380 N 1,861,846.28 E 2,712,466.79 Sta 140+00.00  
COURSE FROM 70380 TO 70017 358° 26' 48.51" DIST 633.44'

Point 70017 N 1,862,479.49 E 2,712,449.62 Sta 146+33.44

Ending chain EXNSYCAMO description

Chain EXNVIEW contains:  
70290 70009

Beginning chain EXNVIEW description

Point 70290 N 1,861,819.67 E 2,711,452.32 Sta 80+00.00  
COURSE FROM 70290 TO 70009 358° 19' 29.19" DIST 543.99'

Point 70009 N 1,862,363.43 E 2,711,436.42 Sta 85+43.99

Ending chain EXNVIEW description

Chain EXRAYST contains:  
70006 CUR 70240 70250

Beginning chain EXRAYST description

Point 70006 N 1,861,177.71 E 2,710,422.63 Sta 893+88.66  
COURSE FROM 70006 TO PC 70240 13° 43' 38.17" DIST 122.45'

Curve Data

Curve 70240  
P.I. Station 896+76.66 N 1,861,457.48 E 2,710,490.97  
DELTA = 1° 21' 17.93" (LT)  
DEGREE = 0° 24' 33.32"  
Tangent = 165.55'  
Length = 331.08'  
Radius = 14,000.00'  
External = 0.98'  
Long Chord = 331.08'  
Mid. Ord. = 0.98'  
P.C. Station 895+11.11 N 1,861,296.66 E 2,710,451.69  
P.T. Station 898+42.20 N 1,861,619.19 E 2,710,526.44  
C.C. N 1,864,618.87 E 2,696,851.58

COURSE FROM PT 70240 TO 70250 12° 22' 20.25" DIST 160.24'

Equation: Sta 900+02.44 (BK) = Sta 60+00.00 (AH) -----  
End Region 1  
Begin Region 2

Point 70250 N 1,861,775.71 E 2,710,560.78 Sta 60+00.00

Ending chain EXRAYST description

Chain EXREES contains:  
71210 70022

Beginning chain EXREES description

Point 71210 N 1,862,012.48 E 2,715,066.82 Sta 260+00.00  
COURSE FROM 71210 TO 70022 358° 58' 38.25" DIST 487.85'

Point 70022 N 1,862,500.25 E 2,715,058.11 Sta 264+87.85

Ending chain EXREES description

Chain EXSMAY contains:  
70014 70330

Beginning chain EXSMAY description

Point 70014 N 1,861,640.08 E 2,712,124.72 Sta 118+03.22  
COURSE FROM 70014 TO 70330 359° 24' 15.39" DIST 196.78'

Point 70330 N 1,861,836.85 E 2,712,122.67 Sta 120+00.00

Ending chain EXSMAY description

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.  
DATE

DRAWN BY  
CHECKED BY

PLOT DATE = Fri Sep 02 07:26:56 2005  
 FILE NAME = C:\arcgis\work\200708\081708\hvc.dgn  
 PLOT SCALE = 4:1199 7 IN