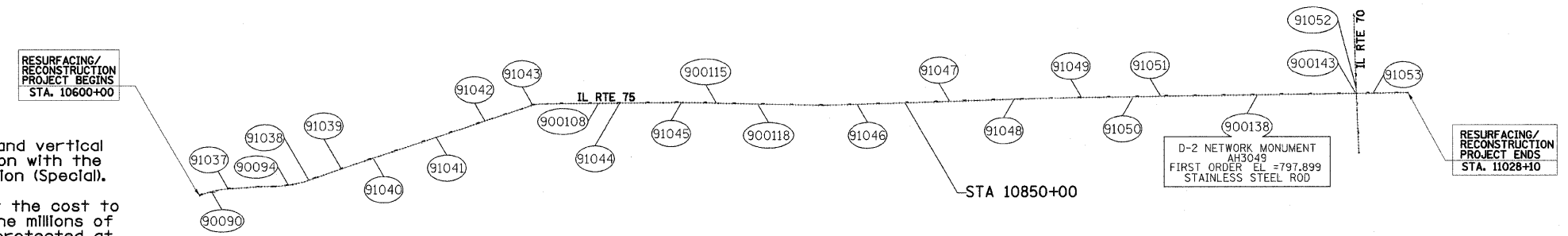


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	111RS-4, 111BR-1, Yg-15d-RS-1, & (W-15d)T-1	STEPHENSON & WINNEBAGO	335	45
STA.		TO STA.		
FED. ROAD DIST. NO. 2		ILLINOIS	FED. AID PROJECT	
CONTRACT NO. 64970				



NOTE:
Work around permanent horizontal and vertical monuments will be done in conjunction with the Special Provision for Earth Excavation (Special).
The contractor shall be aware that the cost to replace a GPS monument will be in the millions of dollars. These monuments shall be protected at all costs.

At the end of the project, a State of Illinois survey crew will be dispatched to check if any disturbance has occurred. If a disturbance/damage is detected, the Contractor will coordinate with the State of Illinois Survey Department for proper recourse. If the Contractor disturbs/damages a GPS monument, the Contractor shall be required to replace the monument at his/her expense.

Curve Data

Curve 340
P.I. Station 10606+01.00 N 2,092,980.2512 E 2,482,515.0751
Delta = 14° 38' 44.93" (RT)
Degree = 1° 39' 33.62"
Tangent = 443.73'
Length = 882.63'
Radius = 3,452.93'
External = 28.40'
Long Chord = 880.23'
Mid. Ord. = 28.16'
P.C. Station 10601+57.26 N 2,092,837.8557 E 2,482,094.8093
P.T. Station 10610+39.89 N 2,093,011.7586 E 2,482,957.6889
C.C. N 2,089,567.5432 E 2,483,202.8651

Curve Data

Curve 350
P.I. Station 10621+43.11 N 2,093,090.0925 E 2,484,058.1170
Delta = 3° 06' 23.2088" (RT)
Degree = 0° 27' 06.6969"
Tangent = 343.8240'
Length = 687.4796'
Radius = 12,679.9780'
External = 4.6606'
Long Chord = 687.3954'
Mid. Ord. = 4.6589'
P.C. Station 10617+99.28 N 2,093,065.6792 E 2,483,715.1608
P.T. Station 10624+86.76 N 2,093,095.8847 E 2,484,401.8922
C.C. N 2,080,417.7062 E 2,484,615.5055

Course from PT 350 to PC 360 89° 02' 04.9946" Dist 154.1733'

Curve Data

Curve 360
P.I. Station 10632+51.01 N 2,093,108.7596 E 2,485,166.0325
Delta = 18° 06' 18.5717" (LT)
Degree = 1° 29' 46.7440"
Tangent = 610.0754'
Length = 1,209.9809'
Radius = 3,829.1184'
External = 48.2956'
Long Chord = 1,204.9530'
Mid. Ord. = 47.6941'
P.C. Station 10626+40.94 N 2,093,098.4820 E 2,484,556.0437
P.T. Station 10638+50.92 N 2,093,308.0898 E 2,485,742.6254
C.C. N 2,096,927.0570 E 2,484,491.5364

Course from PT 360 to PC 370 70° 55' 46.4229" Dist 1,790.3554'

Curve Data

Curve 370
P.I. Station 10661+00.13 N 2,094,042.9765 E 2,487,868.3982
Delta = 0° 33' 40.8937" (RT)
Degree = 0° 03' 40.2100"
Tangent = 458.8597'
Length = 917.7120'
Radius = 93,667.3122'
External = 1.1239'
Long Chord = 917.7083'
Mid. Ord. = 1.1239'
P.C. Station 10656+41.27 N 2,093,893.0531 E 2,487,434.7218
P.T. Station 10665+58.98 N 2,094,188.6437 E 2,488,303.5226
C.C. N 2,005,366.4264 E 2,518,038.6714

Course from PT 370 to PC 380 71° 29' 27.3166" Dist 5,401.0050'

Curve Data

Curve 380
P.I. Station 10721+79.02 N 2,095,972.7530 E 2,493,632.8566
Delta = 17° 51' 52.3976" (RT)
Degree = 4° 06' 40.9666"
Tangent = 219.0348'
Length = 434.5149'
Radius = 1,393.5901'
External = 17.1082'
Long Chord = 432.7569'
Mid. Ord. = 16.9007'
P.C. Station 10719+59.99 N 2,095,903.2193 E 2,493,425.1518
P.T. Station 10723+94.50 N 2,095,975.2169 E 2,493,851.8776
C.C. N 2,094,581.7149 E 2,493,867.5538

Course from PT 380 to PC 390 89° 21' 19.7143" Dist 4,351.6644'

Curve Data

Curve 390
P.I. Station 10772+83.06 N 2,096,030.2074 E 2,498,740.1240
Delta = 1° 58' 41.6808" (RT)
Degree = 0° 11' 03.2989"
Tangent = 536.8913'
Length = 1,073.6759'
Radius = 31,096.8102'
External = 4.6344'
Long Chord = 1,073.6226'
Mid. Ord. = 4.6337'
P.C. Station 10767+46.17 N 2,096,024.1680 E 2,498,203.2666
P.T. Station 10778+19.84 N 2,096,017.7109 E 2,499,276.8698
C.C. N 2,064,929.3253 E 2,498,553.0692

Course from PT 390 to PC 1200 91° 20' 01.3951" Dist 3,945.8215'

Curve Data

Curve 1200
P.I. Station 10821+42.22 N 2,095,917.1045 E 2,503,598.0724
Delta = 3° 00' 00.8920" (LT)
Degree = 0° 23' 54.5105"
Tangent = 376.5522'
Length = 752.9322'
Radius = 14,378.7584'
External = 4.9297'
Long Chord = 752.8462'
Mid. Ord. = 4.9281'
P.C. Station 10817+65.67 N 2,095,925.8690 E 2,503,221.6223
P.T. Station 10825+18.60 N 2,095,928.0555 E 2,503,974.4653
C.C. N 2,110,300.7320 E 2,503,556.2982

Course from PT 1200 to PC 1210 88° 20' 00.5031" Dist 8,000.4384'

Curve Data

Curve 1210
P.I. Station 10911+19.04 N 2,096,178.1759 E 2,512,571.2659
Delta = 0° 58' 12.2287" (RT)
Degree = 0° 04' 51.0260"
Tangent = 600.0000'
Length = 1,199.9713'
Radius = 70,875.0412'
External = 2.5396'
Long Chord = 1,199.9570'
Mid. Ord. = 2.5395'
P.C. Station 10905+19.04 N 2,096,160.7265 E 2,511,971.5197
P.T. Station 10917+19.01 N 2,096,185.4690 E 2,513,171.2216
C.C. N 2,025,315.6639 E 2,514,032.7276

Course from PT 1210 to 1240 89° 18' 12.7318" Dist 9,699.3449'

Point 1240 N 2,096,303.3673 E 2,522,869.8500 Sta 11014+18.35

Course from 1240 to 95 89° 22' 27.0353" Dist 1,031.6085'

Point 95 N 2,096,314.6350 E 2,523,901.3970 Sta 11024+49.96

Ending chain IL75 description
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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 505 (IL 75)
**ILLINOIS ROUTE 75
HORIZONTAL & VERTICAL
CONTROL SHEETS**

SCALE: VERT. DRAWN BY MTH
 HORIZ. CHECKED BY SPF
DATE: 3/3/09

PLOT DATE = 3/3/2009
FILE NAME = K:\111RS\820\11_75_3P_East\CADD\Design\958981_H\01.dgn
PLOT SCALE = 1:25000
USER NAME = J.Prasety
JOB# = 50501