

POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1466974.0255	2346392.7957	762.4836	IRON ROD SET
2	1466770.0301	2346716.3365	764.9785	PK FOUND SW CORNER OF SCHOOL PARKING LOT
3	1466884.9415	2345030.1982	754.0295	IRON ROD SET ACROSS STREET FROM JACOB PARK - EAST EDGE ENTRANCE
4	1466856.1665	2344251.5958	747.1737	LARGE NAIL SET 5' NORTH OF POLE THAT IS 8TH POLE FROM N.W. CORNER OF JACOB PARK
5	1466853.1810	2344174.9869	747.4106	IRON ROD AND CAP FOUND N.W. CORNER JACOB PARK LATH - "PROP ROW. LINE FOR WILSON
6	1466903.4587	2343813.0818	743.3712	PK SET - CENTERLINE WILSON ST. APPROX. 4' EAST OF SIDEWALK ON WEST END OF JOB

Chain PATH\_1 contains:  
 WSW01 WSW02 WSW03 WSW04 WSW05 WSW06 WSW07 WSW08 WSW09 WSW10 PTH01 CUR PTH05  
 CUR PTH06 PTH08 ESW01 ESW02 CUR ESW01 ESW05 ESW06 ESW07 ESW08

Beginning chain PATH\_1 description  
 Point WSW01 N 1,466,884.1572 E 2,343,844.3078 Sta 10+00.00  
 Course from WSW01 to WSW02 S 88° 07' 21.14" E Dist 180.4984  
 Point WSW02 N 1,466,878.2437 E 2,344,024.7093 Sta 11+80.50  
 Course from WSW02 to WSW03 S 86° 42' 01.38" E Dist 49.2754  
 Point WSW03 N 1,466,875.4075 E 2,344,073.9031 Sta 12+29.77  
 Course from WSW03 to WSW04 S 89° 58' 12.59" E Dist 52.4982  
 Point WSW04 N 1,466,875.3802 E 2,344,126.4013 Sta 12+82.27  
 Course from WSW04 to WSW05 S 87° 28' 12.54" E Dist 131.7748  
 Point WSW05 N 1,466,869.5637 E 2,344,258.0476 Sta 14+14.05  
 Course from WSW05 to WSW06 S 88° 00' 40.14" E Dist 244.9087  
 Point WSW06 N 1,466,861.0641 E 2,344,502.8088 Sta 16+58.96  
 Course from WSW06 to WSW07 S 88° 36' 55.56" E Dist 124.9597  
 Point WSW07 N 1,466,858.0447 E 2,344,627.7320 Sta 17+83.92  
 Course from WSW07 to WSW08 S 88° 28' 51.31" E Dist 138.4496  
 Point WSW08 N 1,466,854.3745 E 2,344,766.1330 Sta 19+22.36  
 Course from WSW08 to WSW09 S 89° 32' 44.64" E Dist 64.1747  
 Point WSW09 N 1,466,853.8657 E 2,344,830.3057 Sta 19+86.54  
 Course from WSW09 to WSW10 N 89° 57' 23.82" E Dist 138.1422  
 Point WSW10 N 1,466,853.9703 E 2,344,968.4479 Sta 21+24.68  
 Course from WSW10 to PTH01 S 86° 17' 53.71" E Dist 48.5129  
 Point PTH01 N 1,466,850.8381 E 2,345,016.8596 Sta 21+73.19  
 Course from PTH01 to PC PTH05 N 87° 53' 13.38" E Dist 296.0955

Curve Data

Curve PTH05  
 P.I. Station 25+04.61 N 1,466,863.0574 E 2,345,348.0533  
 Delta = 1° 37' 08.42" (LT)  
 Degree = 2° 17' 30.59"  
 Tangent = 35.3236  
 Length = 70.6424  
 Radius = 2,500.0000  
 External = 0.2495  
 Long Chord = 70.6401  
 Mid. Ord. = 0.2495  
 P.C. Station 24+69.29 N 1,466,861.7551 E 2,345,312.7538  
 P.T. Station 25+39.93 N 1,466,865.3566 E 2,345,383.3020  
 C.C. N 1,469,360.0553 E 2,345,220.5799  
 Back = N 87° 53' 13.38" E  
 Ahead = N 86° 16' 04.96" E  
 Chord Bear = N 87° 04' 39.17" E  
 Course from PT PTH05 to PC PTH06 N 86° 16' 04.96" E Dist 546.6903

Curve Data

Curve PTH06  
 P.I. Station 32+63.15 N 1,466,912.4302 E 2,346,104.9900  
 Delta = 4° 02' 38.83" (RT)  
 Degree = 1° 08' 45.30"  
 Tangent = 176.5313  
 Length = 352.9160  
 Radius = 5,000.0000  
 External = 3.1154  
 Long Chord = 352.8428  
 Mid. Ord. = 3.1134  
 P.C. Station 30+86.62 N 1,466,900.9400 E 2,345,928.8330  
 P.T. Station 34+39.54 N 1,466,911.4685 E 2,346,281.5187  
 C.C. N 1,461,911.5427 E 2,346,254.2772  
 Back = N 86° 16' 04.96" E  
 Ahead = S 89° 41' 16.21" E  
 Chord Bear = N 88° 17' 24.38" E  
 Course from PT PTH06 to PTH08 S 89° 41' 16.21" E Dist 281.8006  
 Point PTH08 N 1,466,909.9331 E 2,346,563.3151 Sta 37+21.34  
 Course from PTH08 to ESW01 S 44° 28' 36.11" E Dist 66.5239  
 Point ESW01 N 1,466,862.4660 E 2,346,609.9230 Sta 37+87.86  
 Course from ESW01 to ESW02 S 44° 28' 36.11" E Dist 66.2179  
 Point ESW02 N 1,466,815.2171 E 2,346,656.3165 Sta 38+54.08  
 Course from ESW02 to PC ESW01 S 44° 28' 36.11" E Dist 78.6515

Curve Data

Curve ESW01  
 P.I. Station 39+42.84 N 1,466,751.8832 E 2,346,718.5040  
 Delta = 44° 02' 02.54" (LT)  
 Degree = 229° 10' 59.22"  
 Tangent = 10.1093  
 Length = 19.2135  
 Radius = 25.0000  
 External = 1.9666  
 Long Chord = 18.7441  
 Mid. Ord. = 1.8232  
 P.C. Station 39+32.73 N 1,466,759.0965 E 2,346,711.4213  
 P.T. Station 39+51.95 N 1,466,751.6204 E 2,346,728.6099  
 C.C. N 1,466,776.6120 E 2,346,729.2596  
 Back = S 44° 28' 36.11" E  
 Ahead = S 88° 30' 38.65" E  
 Chord Bear = S 66° 29' 37.38" E  
 Course from PT ESW01 to ESW05 S 88° 30' 38.65" E Dist 64.1247  
 Point ESW05 N 1,466,749.9539 E 2,346,792.7129 Sta 40+16.07  
 Course from ESW05 to ESW06 S 88° 31' 12.81" E Dist 66.3937  
 Point ESW06 N 1,466,748.2393 E 2,346,859.0845 Sta 40+82.46  
 Course from ESW06 to ESW07 S 51° 56' 37.91" E Dist 75.7514  
 Point ESW07 N 1,466,701.5436 E 2,346,918.7317 Sta 41+58.22  
 Course from ESW07 to ESW08 S 1° 38' 24.74" W Dist 193.5976  
 Point ESW08 N 1,466,508.0254 E 2,346,913.1904 Sta 43+51.81

Ending chain PATH\_1 description

FILE NAME = s:\247\24710001 Farmington SRTS\CADD\CADD	USER NAME = willis	DESIGNED - JDS	REVISED -
Sheets\0489569-sht-ATB.dgn		DRAWN - WLL	REVISED -
PLOT SCALE = 200.0000 / IN.		CHECKED - GBM	REVISED -
PLOT DATE = 10/14/2011		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CITY OF FARMINGTON SRTS  
 ALIGNMENT, TIES, AND BENCHMARKS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
08-00032-00-SW	FULTON	16	4
CONTRACT NO. 89569			
ILLINOIS FED. AID PROJECT			