

PART OF SECTION 11 AND 12, T36N, R13E, OF THE 3RD PM, COOK COUNTY, ILLINOIS

ALIGNMENT AND COORDINATE DATA

RIGHT OF WAY CORNER RECOVERY TIES



**PROPOSED F.A.U. 1602 (IL 83)
SIBLEY BOULEVARD (147th. STREET) CENTERLINE**

POINT 14707 NORTH 1,806,888.100 EAST 1,157,202.318 STA 1000+00.00
 COURSE FROM 14707 TO 24014 N 88° 11' 54" E DIST 661.095
 POINT 24014 NORTH 1,806,908.886 EAST 1,157,863.086 STA 1006+61.10
 COURSE FROM 24014 TO PC PR_147C-1R N 87° 48' 02" E DIST 3,427.890

CURVE DATA

 CURVE PR_147C-1R
 P.I. STATION 1047+60.07 NORTH 1,807,066.189 EAST 1,161,959.037
 DELTA = 41° 25' 14" (RT)
 DEGREE = 3° 13' 41"
 TANGENT = 671.080
 LENGTH = 1,283.192
 RADIUS = 1,775.000
 EXTERNAL = 122.623
 LONG CHORD = 1,255.431
 MID. ORD. = 114.699
 P.C. STATION 1040+88.99 NORTH 1,807,040.436 EAST 1,161,288.451
 P.T. STATION 1053+72.18 NORTH 1,806,641.854 EAST 1,162,478.930
 C.C. NORTH 1,805,266.743 EAST 1,161,356.569
 BACK = N 87° 48' 02" E
 AHEAD = S 50° 46' 44" E
 CHORD BEAR = S 71° 29' 21" E

COURSE FROM PT PR_147C-1R TO PC PR_147C-2 S 50° 46' 44" EAST DIST 850.592

CURVE DATA

 CURVE PR_147C-2 (CHORD DEFINITION)
 P.I. STATION 1067+43.69 NORTH 1,805,774.624 EAST 1,163,541.456
 DELTA = 39° 31' 20" (LT)
 DEGREE = 3° 57' 08"
 TANGENT = 520.921
 LENGTH = 1,000.002
 RADIUS = 1,450.000
 EXTERNAL = 90.733
 LONG CHORD = 980.488
 MID. ORD. = 85.390
 P.C. STATION 1062+22.77 NORTH 1,806,104.011 EAST 1,163,137.893
 P.T. STATION 1072+22.77 NORTH 1,805,777.361 EAST 1,164,062.369
 C.C. NORTH 1,807,227.341 EAST 1,164,054.752
 BACK = S 50° 46' 44" E
 AHEAD = N 89° 41' 56" E
 CHORD BEAR = S 70° 32' 24" E

COURSE FROM PT PR_147C-2 TO 14703 N 89° 41' 56" E DIST 1,062.551

POINT 14703 NORTH 1,805,782.943 EAST 1,165,124.906 STA 1082+85.32

**RIGHT OF WAY CORNERS
F.A.U. 1602 (IL 83), SIBLEY BOULEVARD (147th. STREET)
147th. STREET**

STATION	OFFSET	NORTHING	EASTING	POINT NO.
1005+90.85	50.00' LT.	1806956.653	1157791.301	46099
1005+91.35	50.00' RT.	1806856.718	1157794.944	46098
1006+10.75	70.00' LT.	1806977.268	1157810.564	46100
1006+11.45	70.00' RT.	1806837.360	1157815.664	46097
1007+10.96	70.00' RT.	1806840.851	1157915.603	46094
1007+11.24	70.00' LT.	1806980.759	1157910.503	46101
1007+31.00	50.00' RT.	1806861.606	1157934.859	46096
1007+31.20	50.00' LT.	1806961.539	1157931.216	46102
1030+21.06	45.00' LT.	1807044.419	1160219.582	46228
1030+21.63	45.00' RT.	1806954.507	1160223.604	46027
1030+79.83	45.00' RT.	1806956.741	1160281.771	46026
1031+34.28	45.00' LT.	1807048.764	1160332.718	46226
1032+81.04	45.00' RT.	1806964.463	1160482.830	46025
1032+87.49	45.00' LT.	1807054.644	1160485.815	46238
1033+54.04	45.00' RT.	1806967.264	1160555.776	46325
1034+84.26	45.00' RT.	1806972.262	1160685.900	46324
1036+14.50	45.00' RT.	1806977.260	1160816.044	46315

TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION	TIE	DISTANCE	DESCRIPTION
T1	88.62'	957	T1	106.39'	956	T1	30.69'	956	T1	52.46'	956
T2	63.96'	958	T2	72.35'	959	T2	3.45'	957	T2	20.07'	957
T3	86.22'	964	T3	86.10'	964	T3	51.73'	958	T3	71.68'	958
T1	108.42'	956	T1	85.95'	964	T1	75.23'	957	T1	125.88'	972
T2	66.85'	957	T2	83.02'	955	T2	29.84'	958	T2	13.04'	972
T3	85.82'	964	T3	105.45'	956	T3	96.41'	959	T3	14.77'	972
T1	82.27'	957	T1	116.45'	956	T1	101.66'	957	T1		
T2	64.25'	958	T2	76.10'	959	T2	77.46'	956	T2		
T3	86.22'	964	T3	86.10'	964	T3	68.77'	957	T3		
T1	105.61'	956	T1	71.78'	956	T1	72.92'	959	T1		
T2	74.74'	957	T2	18.89'	959	T2	23.40'	958	T2		
T3	85.82'	964	T3	84.84'	958	T3	45.67'	957	T3		
T1	85.95'	964	T1	58.00'	957	T1	29.84'	957	T1		
T2	105.37'	955	T2	27.98'	956	T2	10.53'	956	T2		
T3	101.71'	956	T3	58.77'	959	T3	121.79'	959	T3		

DESCRIPTION LEGEND

- 950 - MAG NAIL IN UTILITY POLE
- 951 - MAG NAIL IN TREE
- 952 - "+ " IN POLE FOUNDATION, BASE, OR BOLT
- 953 - CENTER TOP SPINDLE BOLT OF FIRE HYDRANT
- 954 - "+ " ON CURB
- 955 - "+ " ON WALK / CONCRETE PAD
- 956 - NW CORNER OF BUILDING
- 957 - NE CORNER OF BUILDING
- 958 - SE CORNER OF BUILDING
- 959 - SW CORNER OF BUILDING
- 960 - IRON ROD WITH YELLOW PLASTIC CAP
- 961 - "+ " ON METAL FENCE POST
- 962 - MAG NAIL IN FENCE POST
- 963 - "+ " ON MANHOLE, CATCH BASIN, OR VAULT RIM
- 964 - MAG NAIL IN PAVEMENT
- 965 - "+ " ON CONCRETE RETAINING WALL
- 966 - "+ " ON CONCRETE HEADWALL
- 967 - MAG NAIL IN LIGHT POLE
- 968 - MAG NAIL IN WOOD SIGN POST
- 969 - MAG NAIL IN RAILROAD TIE
- 970 - "+ " ON LEG OF ELECTRIC TRANSMISSION TOWER
- 971 - CORNER OF LARGE SIGN
- 972 - FENCE CORNER
- 973 - MAG NAIL ON WOOD GUARDRAIL POST
- 974 - "+ " ON CONC. SIGN FOUNDATION
- 975 - MAG NAIL ON STUMP
- 976 - "+ " ON BUILDING FACE
- 977 - "+ " ON RAILROAD SPIKE
- 978 - CORNER OF PLANTER
- 979 - CORNER OF COLUMN
- 980 - "+ " ON CONCRETE PIER
- 981 - "+ " ON BUILDING FOUNDATION
- 982 - NAIL AND WASHER IN PAVEMENT

STATE OF ILLINOIS)
) S.S.
 COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, COVENTINE FIDIS, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 12, TOWNSHIP 36 NORTH, RANGE 13 EAST AND SECTION 7, TOWNSHIP 36 NORTH, RANGE 14 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN COOK COUNTY, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JUNE, 2012.

C.F.
 COVENTINE FIDIS
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 2159
 LICENSE EXPIRATION DATE 11/30/2012



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM SURVEY STANDARDS.

RECEIVED
 JUN 15 2012
 PLATS & LEGALS

**PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
F.A.U. 1602 (IL 83)
KEDZIE AVENUE TO WESTERN AVENUE**

SECTION: I-294 AT I-57 COUNTY: COOK
 PROJECT: ALIGNMENT, COORDINATE AND RECOVERY DATA JOB NO. R-90-004-09
 SCALE: NONE SHEET B8 OF B8

