

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	24
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PROPOSED ϕ CURVE DATA

ϕ SHERIDAN ROAD
SHERCL-1
PI STA = 1014+26.74
 Δ = 17° 36' 35" (RT)
R = 1,002.50'
T = 155.28'
L = 308.11'
E = 11.95'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1012+71.46
PT STA = 1015+79.57

ϕ SHERIDAN ROAD
SHERCL-2
PI STA = 1017+22.10
 Δ = 10° 23' 12" (LT)
R = 1,002.50'
T = 91.12'
L = 181.74'
E = 4.13'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1016+30.98
PT STA = 1018+12.72

ϕ SHERIDAN ROAD
SHERCL-3
PI STA = 1026+62.70
 Δ = 44° 09' 50" (RT)
R = 205.00'
T = 83.17'
L = 158.02'
E = 16.23'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1025+79.54
PT STA = 1027+37.55

ϕ SHERIDAN ROAD
SHERCL-4
PI STA = 1031+86.93
 Δ = 43° 56' 44" (LT)
R = 205.00'
T = 82.71'
L = 157.23'
E = 16.06'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1031+04.22
PT STA = 1032+61.45

ϕ SHERIDAN ROAD
SHERCL-5
PI STA = 1067+21.82
 Δ = 39° 33' 28" (LT)
R = 255.00'
T = 91.70'
L = 176.06'
E = 15.99'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1066+30.12
PT STA = 1068+06.18

ϕ SHERIDAN ROAD
SHERCL-6
PI STA = 1069+74.08
 Δ = 36° 09' 13" (RT)
R = 252.00'
T = 82.25'
L = 159.01'
E = 13.08'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1068+91.83
PT STA = 1070+50.84

ϕ SHERIDAN ROAD
SHERCL-7
PI STA = 1076+92.25
 Δ = 23° 15' 46" (LT)
R = 380.00'
T = 78.22'
L = 154.28'
E = 7.97'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1076+14.03
PT STA = 1077+68.31

ϕ SHERIDAN ROAD
SHERCL-8
PI STA = 1081+01.86
 Δ = 69° 25' 33" (RT)
R = 380.00'
T = 263.25'
L = 460.45'
E = 82.28'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 1078+38.61
PT STA = 1082+99.06

ϕ LAKE AVENUE
LAKECL-1
PI STA = 3051+48.70
 Δ = 50° 33' 09" (LT)
R = 85.00'
T = 40.14'
L = 75.00'
E = 9.00'
 θ = 2.00%
TR = 34'
S.E. RUN. = 34'
PC STA = 3051+08.56
PT STA = 3051+83.56

COORDINATE INFORMATION

	STATION	CURVE	NORTHING	EASTING
ϕ SHERIDAN ROAD				
POT	1001+50.00		1,975,770.00	1,155,149.91
PI	1005+07.74		1,975,557.19	1,155,437.47
PI	1014+26.74	SHERCL-1	1,974,951.09	1,156,128.26
PI	1017+22.10	SHERCL-2	1,974,696.16	1,156,282.21
PI	1023+41.47		1,974,232.00	1,156,693.06
PI	1026+62.70	SHERCL-3	1,974,001.26	1,156,916.56
PI	1031+86.93	SHERCL-4	1,973,468.72	1,156,915.86
PI	1039+59.26		1,972,906.03	1,157,456.78
PI	1045+86.05		1,972,482.56	1,157,918.88
PI	1067+21.82	SHERCL-5	1,971,105.70	1,159,551.59
PI	1069+74.08	SHERCL-6	1,971,103.05	1,159,811.18
PI	1076+92.25	SHERCL-7	1,970,667.95	1,160,394.14
PI	1081+01.86	SHERCL-8	1,970,572.01	1,160,794.58
PI	1085+44.27		1,970,067.45	1,160,857.43
PI	1092+03.52		1,969,409.13	1,160,892.43
PI	1100+05.76		1,968,607.12	1,160,873.21
PI	1103+09.77		1,968,303.23	1,160,864.55
PI	1104+42.92		1,968,170.16	1,160,859.77
LAKE AVENUE				
POT	3048+00.00		1,971,932.56	1,158,013.20
PI	3051+48.70	LAKECL-1	1,971,930.21	1,158,361.90
PI	3052+80.07		1,972,035.15	1,158,449.42
POT	3057+81.75		1,972,415.27	1,158,776.82
ISABELLA STREET				
POT	4087+59.72		1,968,313.78	1,159,314.55
PI	4089+09.35		1,968,313.18	1,159,464.18
PI	4096+21.36		1,968,308.25	1,160,176.18
PI	4099+66.79		1,968,305.42	1,160,521.60
PI	4102+76.62		1,968,303.12	1,160,831.41
PI	4103+09.76		1,968,303.23	1,160,864.55
POT	4113+12.93		1,968,293.07	1,161,867.68

BENCHMARK SUMMARY

NAME	ELEVATION	STATION	OFFSET	DESCRIPTION
TBM #1	605.27			NE FLANGE BOLT ON HYDRANT @ SW CORNER ISABELLA & ASBURY
TBM #2	604.04	4096+42.08	-47.4	SW FLANGE BOLT ON HYDRANT @ NE CORNER ISABELLA & GIRARD
TBM #3	619.88	4103+30.27	42.8	NE FLANGE BOLT ON HYDRANT @ S.E. CORNER ISABELLA, RIDGE, & SHERIDAN RD
TBM #4	619.19	1094+06.34 R2	35.7	NE FLANGE BOLT ON HYDRANT @ NW CORNER MAPLE, ROSLYN, & SHERIDAN RD
TBM #5	616.37	1084+66.31 R2	26.9	NE FLANGE BOLT ON HYDRANT @ NW CORNER LINDEN & SHERIDAN RD
TBM #6	604.98	1067+84.97	-27.6	NE FLANGE BOLT ON HYDRANT IN FRONT OF #678 SHERIDAN RD
TBM #7	605.31	1064+10.98	27.8	NE FLANGE BOLT ON HYDRANT IN FRONT OF #723 SHERIDAN RD
TBM #8	604.25			" " CUT ON CURB IN FRONT OF #829 SHERIDAN RD
TBM #9	608.15	1052+38.17	28.9	NE FLANGE BOLT ON HYDRANT @ NW CORNER LAKE & SHERIDAN RD
TBM #10	611.17	1028+23.81	35.5	NE FLANGE BOLT ON HYDRANT @ NW CORNER ASHLAND & SHERIDAN RD
TBM #11	612.03	1017+60.50	42.8	NE FLANGE BOLT ON HYDRANT @ SW CORNER WESTERFIELD & SHERIDAN RD
TBM #12	612.19	1005+66.88	-24.9	NE FLANGE BOLT ON HYDRANT IN FRONT OF # 1630 SHERIDAN RD

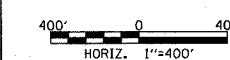
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PLOT SCALE = 400.0000' / IN.
USER NAME = b.johnson

1051 PERIMETER DRIVE, SUITE 1025
SCHAUMBURG, ILLINOIS 60173
(847) 605-9600



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
ALIGNMENT, TIES AND BENCHMARKS
SHERIDAN ROAD



DATE 7/13/07
DRAWN BY LTD
CHECKED BY BJL