



STATION EQUATIONS

POINT	BASELINE	STATION	BASELINE	STATION
A	P-HAR-CL	7815+19.91	P-DES-CL	4126+62.64
B	P-HAR-CL	7812+57.32	E-CIR-NW	8+41.41
C	P-HAR-CL	7812+18.39	E-KDR-NB	9+59.47
D	P-HAR-CL	7810+34.62	E-KDR-SB	9+64.55
E	P-HAR-CL	7809+48.56	E-CIR-WS	20+81.79
F	P-HAR-CL	7809+10.10	E-CIR-ES	111+17.64
G	P-HAL-CL	3830+97.05	P-HAR-CL	7806+36.50

<p>EX CURVE IKE-EEB-00-3 PI STA = 354+82.42 Δ = 2° 27' 30" (LT) D = 1° 00' 00" R = 5,729.65' T = 122.93' L = 245.82' E = 1.32' PC STA = 353+59.49 PT STA = 356+05.32</p>	<p>EX CURVE IKE-EWB-00-4 PI STA = 354+73.38 Δ = 3° 48' 20" (RT) D = 2° 29' 59" R = 2,292.01' T = 76.14' L = 152.23' E = 1.26' SC STA = 353+97.24 CS STA = 355+49.47</p>	<p>EX CURVE CIR-ENW-00-1 PI STA = 10+35.96 Δ = 23° 06' 09" (RT) D = 23° 00' 00" R = 249.11' T = 50.91' L = 100.45' E = 5.15' PC STA = 9+85.04 PT STA = 10+85.49</p>	<p>EX CURVE CIR-ENW-00-3 PI STA = 22+66.58 Δ = 37° 04' 01" (RT) D = 19° 53' 40" R = 288.00' T = 96.55' L = 186.32' E = 15.75' PC STA = 21+70.03 PT STA = 23+56.35</p>
<p>EX CURVE IKE-EEB-00-4 PI STA = 357+76.88 Δ = 2° 30' 00" (RT) D = 1° 00' 00" R = 5,729.65' T = 125.02' L = 250.00' E = 1.36' PC STA = 356+51.86 PT STA = 359+01.86</p>	<p>EX CURVE IKE-EWB-00-5 PI STA = 361+31.77 Δ = 3° 15' 02" (LT) D = 2° 29' 59" R = 2,292.01' T = 65.04' L = 130.04' E = 0.92' PC STA = 360+66.74 PT STA = 361+96.78</p>	<p>EX CURVE CIR-ENW-00-2 PI STA = 23+51.29 Δ = 147° 31' 02" (LT) D = 17° 41' 01" R = 324.00' T = 1,112.23' L = 834.20' E = 834.46' PC STA = 12+39.06 PT STA = 20+73.26</p>	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-036R	COOK	256	28
CONTRACT NO. 60W71				
ILLINOIS FED. AID PROJECT				



D:\6071-Sht-ATB-02.dgn
USER NAME = pimsarno
PLOT SCALE = 100.0000' / in.
PLOT DATE = 12/19/2013

DESIGNED - OPS	REVISED -
DRAWN - PHP	REVISED -
CHECKED - DBM	REVISED -
DATE - 12/20/13	REVISED -

FILE PATH = p:\388035\pim\1\escomon\line\local\p\AECOM\00\Documents\01_Americas\Transportation\60269938_Circle\Phase_1\000_CAD\005_Roadway\Sheets\60W71_Contract\0160W71-Sht-ATB-02.dgn