



EX CURVE EX171CL-4
 PI STA = 105+97.15
 $\Delta = 14^\circ 00' 00''$ (LT)
 D = $1^\circ 00' 00''$
 R = 5,729.58'
 T = 703.50'
 L = 1,400.00'
 E = 43.03'
 $e = 2\%$
 PC STA = 98+93.64
 PT STA = 112+93.64

EX CURVE RAMP-N-1
 PI STA = 17+33.65
 $\Delta = 12^\circ 10' 19''$ (RT)
 D = $4^\circ 59' 59''$
 R = 1,146.00'
 T = 122.19'
 L = 243.46'
 E = 6.50'
 PC STA = 16+11.46
 PT STA = 18+54.92

EX CURVE RAMP-N-2
 PI STA = 21+49.37
 $\Delta = 17^\circ 55' 00''$ (LT)
 D = $5^\circ 59' 58''$
 R = 955.00'
 T = 150.55'
 L = 298.63'
 E = 11.79'
 PC STA = 19+98.83
 PT STA = 22+97.46

EX CURVE RAMP-L-1
 PI STA = 32+70.37
 $\Delta = 16^\circ 34' 48''$ (LT)
 D = $6^\circ 59' 14''$
 R = 820.00'
 T = 119.48'
 L = 237.29'
 E = 8.66'
 PC STA = 31+50.90
 PT STA = 33+88.18

EX CURVE RAMP-L-2
 PI STA = 36+97.57
 $\Delta = 12^\circ 06' 02''$ (RT)
 D = $5^\circ 59' 58''$
 R = 955.00'
 T = 101.22'
 L = 201.69'
 E = 5.35'
 PC STA = 35+96.35
 PT STA = 37+98.04

FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-sht-align-01.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 6/23/2014	DATE - 6/23/2014	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT PLAN

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	34
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	