



PT STA 18+90.58 EX RAMP K =  
 STA 18+90.58 PR RAMP K  
 PT STA 18+54.68

EX CURVE RAMP-K-1  
 PC STA 17+90.58

PR RAMP K

PR CURVE PRRAMPK-1

PC STA 16+63.13 PR RAMP K =  
 STA 66+63.63 EX IL 171, 58.0' LT

POT STA 11+90.60 EX RAMP K =  
 STA 61+90.44 EX IL 171, 58.0' LT

EX CURVE EX171CL	EX CURVE EX171CL-1	EX CURVE EX171CL-2	EX CURVE EX171CL-3
PI STA = 74+77.72	PI STA = 81+95.77	PI STA = 84+94.65	PI STA = 89+54.02
$\Delta = 31^\circ 12' 18''$ (RT)	$\Delta = 22^\circ 24' 00''$ (RT)	$\Delta = 1^\circ 48' 00''$ (RT)	$\Delta = 8^\circ 43' 14''$ (RT)
D = 3° 30' 00"	D = 4° 00' 00"	D = 4° 00' 00"	D = 1° 00' 00"
R = 1,637.02'	R = 1,432.39'	R = 1,432.39'	R = 5,729.58'
T = 457.14'	T = 283.62'	T = 22.50'	T = 436.87'
L = 891.57'	L = 560.00'	L = 45.00'	L = 872.06'
E = 62.63'	E = 27.81'	E = 0.18'	E = 16.63'
e = 4.8%	e = 5.1%	e = 5.1%	e = 2.1%
PC STA = 70+20.58	PCC STA = 79+12.15	PCC STA = 84+72.15	PCC STA = 85+17.15
PCC STA = 79+12.15	PCC STA = 84+72.15	PCC STA = 85+17.15	PT STA = 93+89.20

EX CURVE RAMP-K-1	EX CURVE RAMP-K-2	PR CURVE PRRAMPK-1
PI STA = 18+40.66	PI STA = 22+62.79	PI STA = 17+59.11
$\Delta = 8^\circ 00' 00''$ (LT)	$\Delta = 27^\circ 05' 19''$ (RT)	$\Delta = 9^\circ 08' 46''$ (LT)
D = 8° 00' 00"	D = 8° 00' 00"	D = 4° 46' 29"
R = 716.20'	R = 716.20'	R = 1,200.00'
T = 50.08'	T = 172.53'	T = 95.98'
L = 100.00'	L = 338.61'	L = 191.55'
E = 1.75'	E = 20.49'	E = 3.83'
e = -----	e = -----	e = 2.1%
PC STA = 17+90.58	PC STA = 20+90.26	PC STA = 16+63.13
PT STA = 18+90.58	PT STA = 24+28.87	PT STA = 18+54.68

FILE NAME =	DESIGNED - AAA	REVISED -
... \D160J16-sht-elign-02.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

<b>ALIGNMENT PLAN</b>	
SCALE:	SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372/373	2013-038B-R	COOK	821	33
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	