

**RAMP I**

Point RI1            N    1,836,533.86 E    1,188,411.71 Sta    10+00.00  
 Course from RI1 to RI2 N 52° 20' 31" E Dist 210.73  
 Point RI2            N    1,836,662.61 E    1,188,578.54 Sta    12+10.73  
 Course from RI2 to PC RAMPI-1 N 48° 35' 47" E Dist 104.17

Curve Data  
 -----

Curve RAMPI-1

P. I. Station        13+68.82    N            1,836,771.51    E            1,188,692.81  
 Delta            =    22° 04' 47" (LT)  
 Degree           =    20° 44' 06"  
 Tangent          =    53.91  
 Length           =    106.48  
 Radius           =    276.32  
 External         =    5.21  
 Long Chord       =    105.83  
 Mid. Ord.        =    5.11  
 P. C. Station     13+14.90    N            1,836,731.50    E            1,188,656.67  
 P. T. Station     14+21.39    N            1,836,822.17    E            1,188,711.25  
 C. C.             =    N            1,836,916.71    E            1,188,451.61  
 Back             = N 42° 05' 14" E  
 Ahead            = N 20° 00' 27" E  
 Chord Bear       = N 31° 02' 51" E

Curve Data  
 -----

Curve RAMPI-2

P. I. Station        14+85.31    N            1,836,884.16    E            1,188,726.83  
 Delta            =    15° 16' 10" (LT)  
 Degree           =    12° 00' 56"  
 Tangent          =    63.92  
 Length           =    127.08  
 Radius           =    476.85  
 External         =    4.27  
 Long Chord       =    126.71  
 Mid. Ord.        =    4.23  
 P. C. Station     14+21.39    N            1,836,822.17    E            1,188,711.25  
 P. T. Station     15+48.47    N            1,836,948.07    E            1,188,725.52  
 C. C.             =    N            1,836,938.35    E            1,188,248.77  
 Back             = N 14° 06' 07" E  
 Ahead            = N 1° 10' 03" W  
 Chord Bear       = N 6° 28' 02" E

Course from PT RAMPI-2 to RI3 N 1° 51' 03" W Dist 51.34  
 Point RI3            N    1,836,999.38 E    1,188,723.87 Sta    15+99.81

**RAMP J**

Point RJ1            N    1,836,999.23 E    1,188,719.33 Sta    10+00.00  
 Course from RJ1 to RJ2 N 1° 23' 26" W Dist 998.83  
 Point RJ2            N    1,837,997.77 E    1,188,695.09 Sta    19+98.83  
 Course from RJ2 to RJ3 N 1° 18' 29" W Dist 73.82  
 Point RJ3            N    1,838,071.57 E    1,188,693.41 Sta    20+72.65  
 Course from RJ3 to RJ4 N 3° 08' 46" W Dist 238.91  
 Point RJ4            N    1,838,310.12 E    1,188,680.30 Sta    23+11.56

FILE NAME = D:\60C08-036-ATB.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>BISHOP FORD EXPRESSWAY (I-94) ALIGNMENT AND TIES</b>		F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - DW/ZR	REVISED -				94	0312-708W, ETC. & 1315RS-4	COOK	167	36
	CHECKED - ES	REVISED -				CONTRACT NO. 60C08				
	DATE - 01/29/2009	REVISED -				SCALE: N/A	SHEET NO. 16 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT