

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CARROLL	58	10
JOB # C-30-043-09		ILLINOIS	FED. AID PROJECT	000800

SPUR ALIGNMENT

Horizontal Alignment Station and Curve Report.

Alignment: CENTERLINE SEGMENT 1
 Desc. Station Spiral/Curve Data Northing Easting

PI	30+00	Length: 208.88	Course: 1953496.7471 N 20-26-50 E	2310591.1155
PI	32+08.88	Length: 104.23 Delta: 8-36-36	Course: 1953692.4647 N 29-03-26 E	2310664.0859
Tangent Data				
	30+00		1953496.7471	2310591.1155
	32+01.35	Length: 201.35	Course: 1953685.4111 N 20-26-50 E	2310661.4561
Circular Curve Data				
PC	32+01.35		1953685.4111	2310661.4561
CC			1953650.4766	2310755.1555
PT	32+16.38		1953699.0451	2310667.7421
		Delta: 08-36-36	Type: RIGHT	
		Radius: 100.00	DOC: 57-17-45	
		Length: 15.03	Tangent: 7.53	
		Mid-Ord: 0.28	External: 0.28	
		Chord: 15.91	Course: N 24-45-08 E	
		Es: 0.28		
PI	33+13.08	Length: 457.06 Delta: 13-03-51	Course: 1953783.5776 N 15-59-36 E	2310714.7098
Tangent Data				
	32+16.38		1953699.0451	2310667.7421
	33+01.63	Length: 85.25	Course: 1953773.5686 N 29-03-26 E	2310709.1487
Circular Curve Data				
PC	33+01.63		1953773.5686	2310709.1487
CC			1953822.1370	2310621.7352
PT	33+24.43		1953794.5846	2310717.8646
		Delta: 13-03-51	Type: LEFT	
		Radius: 100.00	DOC: 57-17-45	
		Length: 22.80	Tangent: 11.45	
		Mid-Ord: 0.65	External: 0.65	
		Chord: 22.75	Course: N 22-31-31 E	
		Es: 0.65		
PI	37+70.05	Length: 338.43 Delta: 68-22-05	Course: 1954222.9510 N 84-21-41 E	2310840.6421
Tangent Data				
	33+24.43		1953794.5846	2310717.8646
	37+02.13	Length: 377.70	Course: 1954157.6607 N 15-59-36 E	2310821.9288
Circular Curve Data				
PC	37+02.13		1954157.6607	2310821.9288
CC			1954130.1083	2310918.0582
PT	38+21.45		1954229.6244	2310908.2327
		Delta: 68-22-05	Type: RIGHT	
		Radius: 100.00	DOC: 57-17-45	
		Length: 119.32	Tangent: 67.92	
		Mid-Ord: 17.28	External: 20.88	
		Chord: 112.37	Course: N 50-10-38 E	
		Es: 20.88		
PI	40+91.96		1954256.2035	2311177.4344
Tangent Data				
	38+21.45		1954229.6244	2310908.2327
	40+91.96	Length: 270.51	Course: 1954256.2035 N 84-21-41 E	2311177.4344

HORIZONTAL ALIGNMENT DATA