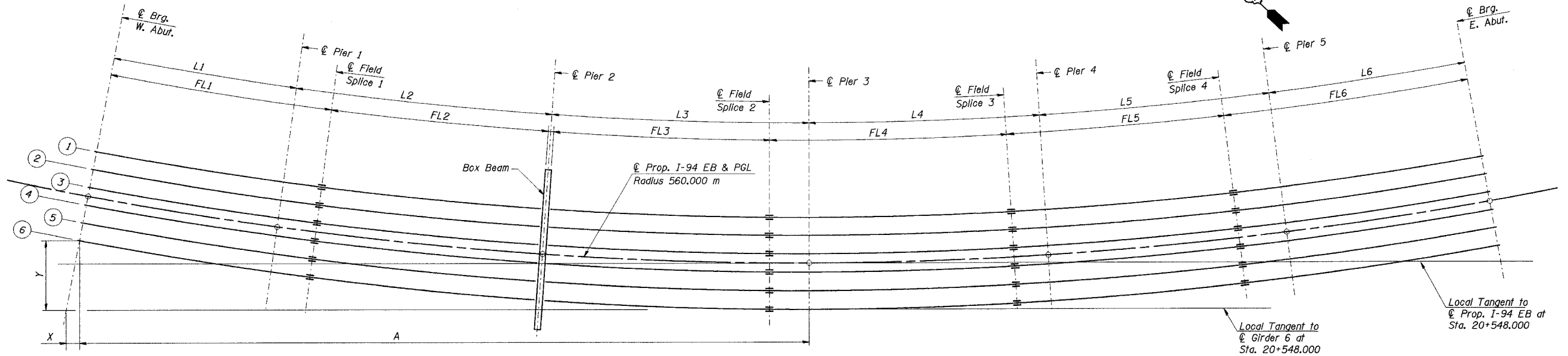


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 12
F. A. I. 80/94		COOK	90	69	21 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-		CONTRACT NO. 62898	
2004-133F					



GIRDER LAYOUT PLAN

LAYOUT DIMENSIONS (Meters)

Girder	Radius	☉ Brg. W. Abut.			☉ Pier 1			☉ FS 1			End of Segment at Box Beam (North)			☉ Pier 2			End of Segment at Box Beam (South)			☉ FS 2			☉ Pier 3			☉ FS 3			☉ Pier 4		
		A	X	Y	A	X	Y	A	X	Y	A	X	Y	A	X	Y	A	X	Y	A	X	Y	A	X	Y	A	X	Y			
1	553.300	104.107	1.893	9.883	76.818	0.751	5.358	71.407	0.602	4.627	38.956	0.097	1.373	38.502	0.094	1.341	38.048	0.090	1.310	5.494	0.000	0.027	0.000	0.000	0.000	29.676	0.043	0.796	34.559	0.068	1.080
2	555.980	104.612	1.902	9.930	77.190	0.755	5.384	71.753	0.605	4.650	39.143	0.097	1.380	38.689	0.094	1.348	38.235	0.091	1.316	5.520	0.000	0.027	0.000	0.000	0.000	29.820	0.043	0.800	34.726	0.068	1.086
3	558.660	105.116	1.912	9.978	77.562	0.759	5.410	72.099	0.608	4.672	39.329	0.098	1.386	38.875	0.094	1.354	38.421	0.091	1.323	5.547	0.000	0.028	0.000	0.000	0.000	29.964	0.043	0.804	34.894	0.068	1.091
☉	560.000	105.368	1.916	10.002	77.748	0.760	5.423	72.272	0.609	4.683	39.422	0.098	1.389	38.968	0.095	1.357	38.515	0.091	1.326	5.560	0.000	0.028	0.000	0.000	0.000	30.036	0.043	0.806	34.977	0.068	1.093
4	561.340	105.620	1.921	10.026	77.934	0.762	5.436	72.445	0.611	4.694	39.516	0.098	1.393	39.062	0.095	1.361	38.608	0.092	1.329	5.574	0.000	0.028	0.000	0.000	0.000	30.107	0.043	0.808	35.061	0.069	1.096
5	564.020	106.125	1.930	10.074	78.306	0.766	5.462	72.791	0.614	4.717	39.702	0.099	1.399	39.248	0.095	1.367	38.794	0.092	1.336	5.600	0.000	0.028	0.000	0.000	0.000	30.251	0.044	0.812	35.228	0.069	1.101
6	566.700	106.629	1.939	10.122	78.678	0.769	5.488	73.136	0.617	4.739	39.889	0.099	1.406	39.435	0.096	1.374	38.981	0.093	1.342	5.627	0.000	0.028	0.000	0.000	0.000	30.395	0.044	0.816	35.396	0.069	1.106

LAYOUT DIMENSIONS (Meters)

Girder	Radius	☉ FS 4			☉ Pier 5			☉ Brg. E. Abut.		
		A	X	Y	A	X	Y	A	X	Y
1	553.300	62.113	0.395	3.497	68.983	0.542	4.317	98.279	1.588	8.798
2	555.980	62.414	0.397	3.514	69.317	0.545	4.338	98.755	1.596	8.841
3	558.660	62.714	0.399	3.531	69.651	0.548	4.359	99.231	1.603	8.884
☉	560.000	62.865	0.400	3.540	69.818	0.549	4.369	99.469	1.607	8.905
4	561.340	63.015	0.401	3.548	69.985	0.550	4.380	99.707	1.611	8.926
5	564.020	63.316	0.403	3.565	70.319	0.553	4.401	100.183	1.619	8.969
6	566.700	63.617	0.405	3.582	70.653	0.556	4.422	100.659	1.627	9.011

Notes:

- Coordinate system (x, y) shown for Girder 6. Typical for all Girders with local tangent to each girder at ☉ Sta. 20+548.000.
- See Dimensions of span length (L1) and Segment Length (FL1) on Sht. Nos. 10 and 11 of 21.

DESIGNED	TRL
CHECKED	KGN
DRAWN	LK
CHECKED	KGN

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EAST BOUND / IL 394 SOUTH BOUND  
GIRDER LAYOUT  
EB I-94 OVER THORN CREEK  
F.A.I. 94 SECTION 2004-133F  
COOK COUNTY  
STA. 20+509.000 STRUCTURE NO. 016-2807  
DATE 05/16/05  
SCALE ---  
**HNTB**

I:\e1\34562\CADD\B\I\SN\_2807\cda\CTL\_29\_2807\p198034a\_2807.dgn  
28-MAY-2005 14:31