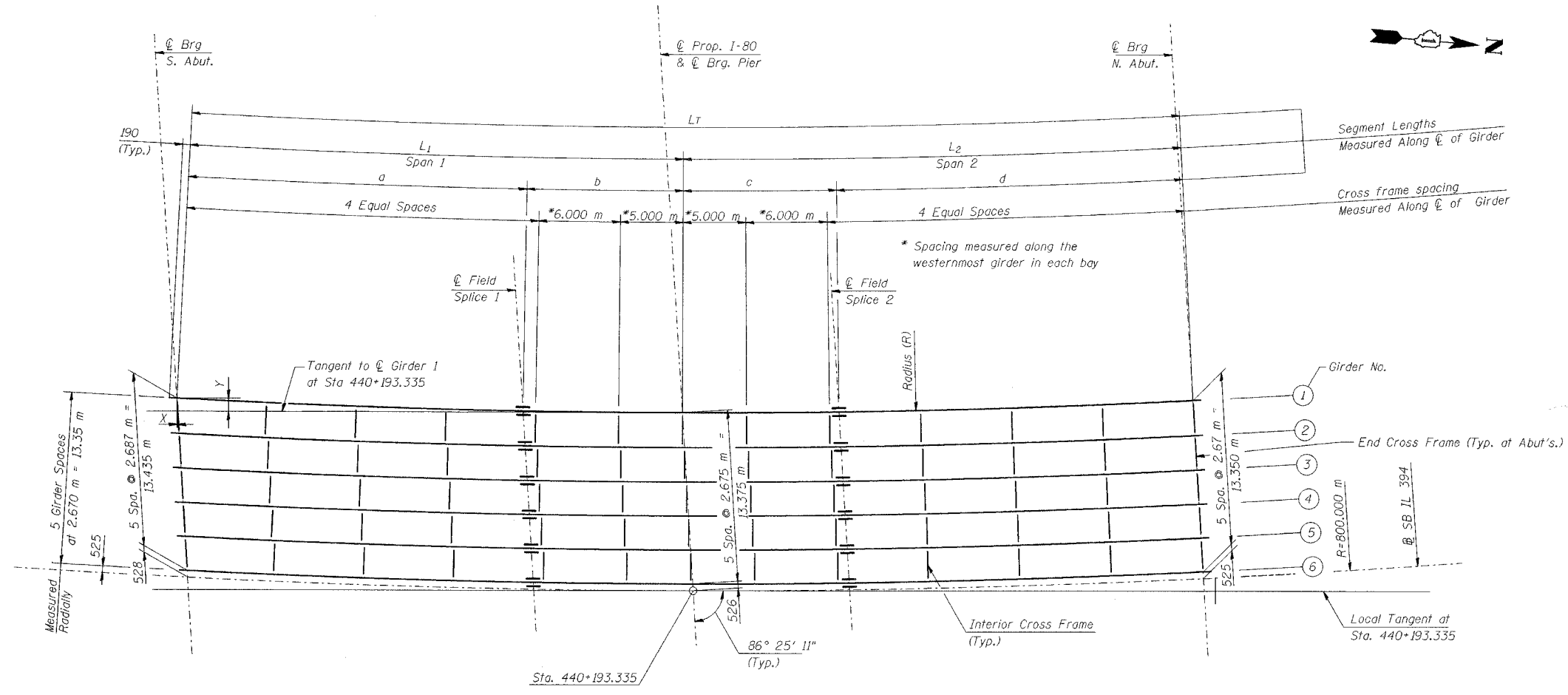


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 15
F. A. I. 80/94		COOK	90	11	29 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-			
*2004-133F		CONTRACT NO. 62898			



FRAMING PLAN

GIRDER DIMENSIONS (Meters)

Girder	Radius R	Span 1			Span 2			L _T
		a	b	L ₁ =a+b	c	d	L ₂ =c+d	
1	786.125	27.708	11.875	39.583	11.987	27.969	39.955	79.539
2	788.795	27.708	11.875	39.582	11.986	27.968	39.955	79.537
3	791.465	27.707	11.874	39.581	11.986	27.968	39.955	79.536
4	794.135	27.706	11.874	39.580	11.986	27.968	39.954	79.535
5	796.805	27.705	11.874	39.579	11.986	27.968	39.954	79.534
6	799.475	27.705	11.873	39.578	11.986	27.968	39.954	79.532

LAYOUT DIMENSIONS (Meters)

Girder	☐ Brg. S. Abut.		Splice 1		Pier 1		Splice 2		☐ Brg. N. Abut.	
	X	Y	X	Y	X	Y	X	Y	X	Y
1	0.065	1.041	0.006	0.103	0.000	0.000	0.005	0.079	0.061	0.972
2	0.064	1.028	0.006	0.100	0.000	0.000	0.005	0.081	0.061	0.977
3	0.064	1.016	0.006	0.097	0.000	0.000	0.005	0.083	0.061	0.982
4	0.063	1.005	0.006	0.094	0.000	0.000	0.005	0.085	0.062	0.987
5	0.062	0.993	0.006	0.091	0.000	0.000	0.005	0.087	0.062	0.992
6	0.061	0.981	0.006	0.089	0.000	0.000	0.006	0.089	0.062	0.997

BEARING SEAT ELEVATIONS

Girder	☐ Brg. S. Abut.	☐ Brg. Pier	☐ Brg. N. Abut.
1	191.228	190.126	189.072
2	191.364	190.266	189.215
3	191.500	190.405	189.359
4	191.636	190.545	189.502
5	191.773	190.685	189.645
6	191.909	190.824	189.789

- Notes:
- Coordinate system (x, y) shown in Framing Plan is for Girder 1. Typical for all Girders with local tangent to each girder at ☐ Station 440+193.335
 - Place all interior cross frames at right angles to girders
 - The Contractor shall submit the proposed method of erection of the steel girders and cross frames for approval by the engineer prior to the start of this work.
 - All dimensions are in millimeters (mm) except noted otherwise.

Jkm
 at 3/4/02 CAD/DA/NS/2796 VCDIS UTR_29_2796 Vp.190014a.2796.dgn
 25-MAY-2005 09:42

DESIGNED	MEA
CHECKED	MAS/ACF
DRAWN	LK
CHECKED	ACF

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND

FRAMING PLAN

SB ILLINOIS ROUTE 394 OVER INTERSTATE 80
F.A.P. 332 SECTION 2004-133F
COOK COUNTY
STA. 440+193.335 STRUCTURE NO. 016-2796
DATE 05/16/05
SCALE ---

HNTB