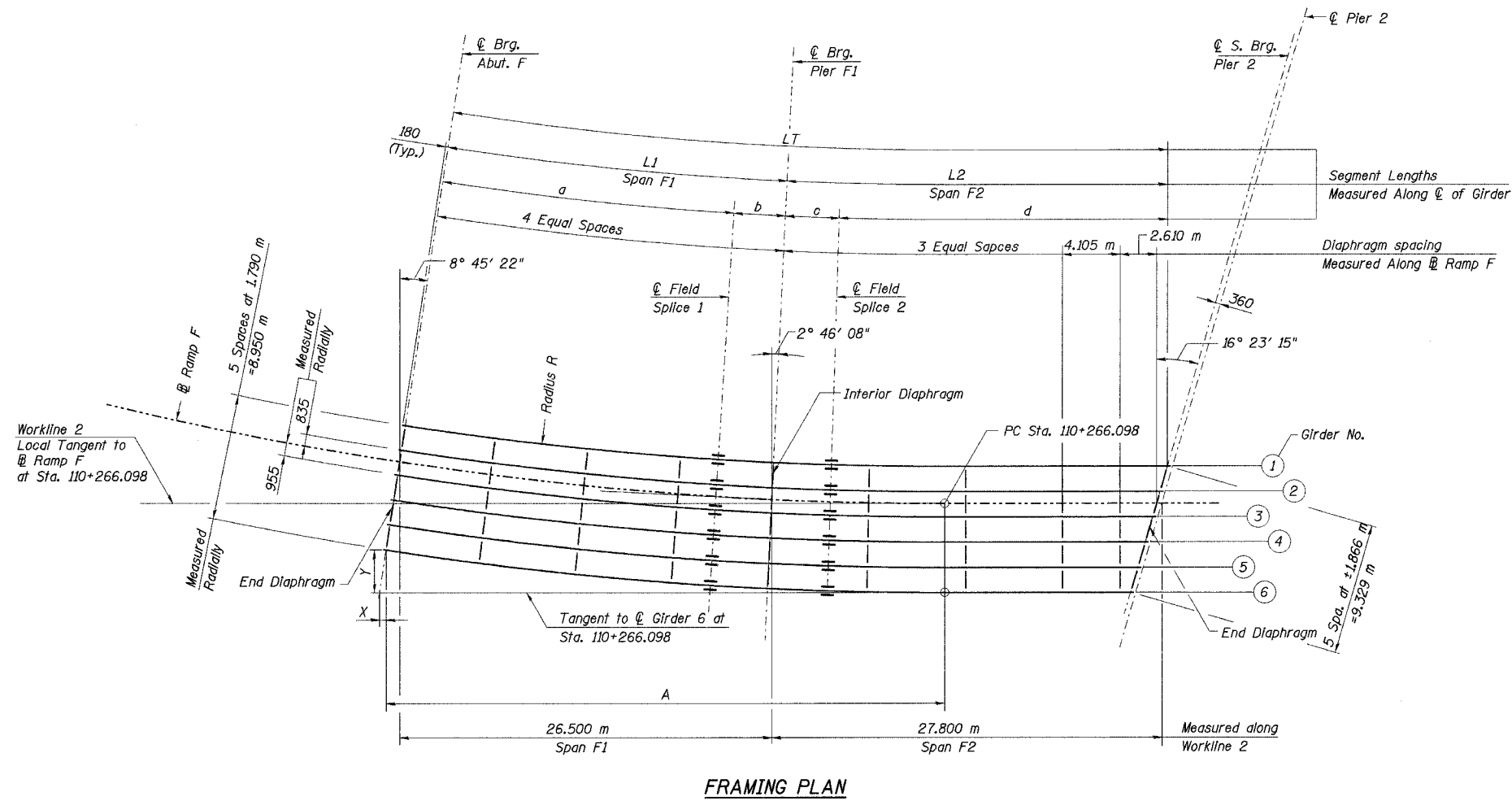


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 52
F. A. 1.	*	COOK	870	566	91 SHEETS
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-		CONTRACT NO. 62108	
(0203.1 & 0312-708W) R-3					



GIRDER DIMENSIONS (Meters)

Girder	Radius R	A	Span F1		Span F2		LT		
			a	b	c	d			
1	252.375	38.419	22.431	3.942	26.373	4.130	23.945	28.075	54.448
2	254.165	38.692	22.590	3.970	26.560	4.159	23.475	27.634	54.194
3	255.955	38.964	22.749	3.998	26.747	4.188	23.006	27.194	53.941
4	257.745	39.237	22.908	4.026	26.934	4.217	22.538	26.755	53.689
5	259.535	39.509	23.067	4.054	27.121	4.247	22.068	26.315	53.436
6	261.325	39.782	23.226	4.082	27.308	4.276	21.599	25.875	53.183
Ramp F	255.000	-	-	-	26.647	-	-	27.429	54.076

LAYOUT DIMENSIONS (Meters)

Girder	C. Brg. Pier 2		Splice 2		C. Pier F1		Splice 1		C. Brg. Abut. F	
	X	Y	X	Y	X	Y	X	Y	X	Y
1	0.000	0.000	0.004	0.129	0.014	0.295	0.033	0.516	0.453	2.941
2	0.000	0.000	0.004	0.130	0.014	0.297	0.033	0.519	0.456	2.962
3	0.000	0.000	0.004	0.131	0.014	0.299	0.033	0.523	0.459	2.983
4	0.000	0.000	0.004	0.132	0.015	0.301	0.034	0.527	0.463	3.004
5	0.000	0.000	0.004	0.133	0.015	0.303	0.034	0.530	0.466	3.025
6	0.000	0.000	0.004	0.133	0.015	0.305	0.034	0.534	0.469	3.046

Notes:

- Coordinate system (x, y) shown in Framing Plan is for Girder 6. Typical for all Girders with local tangent to each girder at Sta. 110+266.098 @ Ramp F.
- Place all interior diaphragms radially.
- All dimensions are in millimeters (mm) except noted otherwise.
- Work this Sheet with Sheet Nos. 53, & 54 of 91.

DESIGNED	ML
CHECKED	MAS
DRAWN	LK
CHECKED	MAS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EAST BOUND / IL 394 SOUTH BOUND  
FRAMING PLAN  
SPANS F1 & F2 - UNIT 3  
RAMP F OVER THORN CREEK  
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3  
COOK COUNTY  
STA. 440+704.350 STRUCTURE NO. 016-2845  
DATE JUL 18, 2005  
SCALE ---  
**HNTB**

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