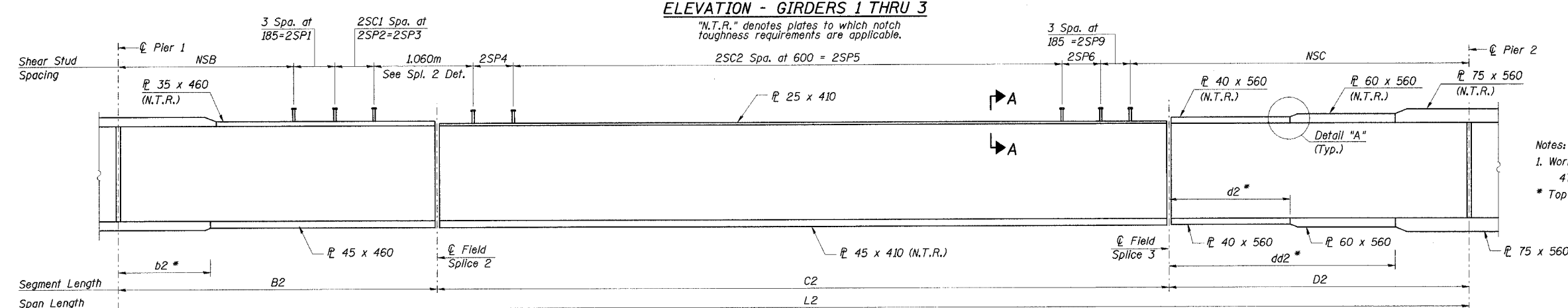
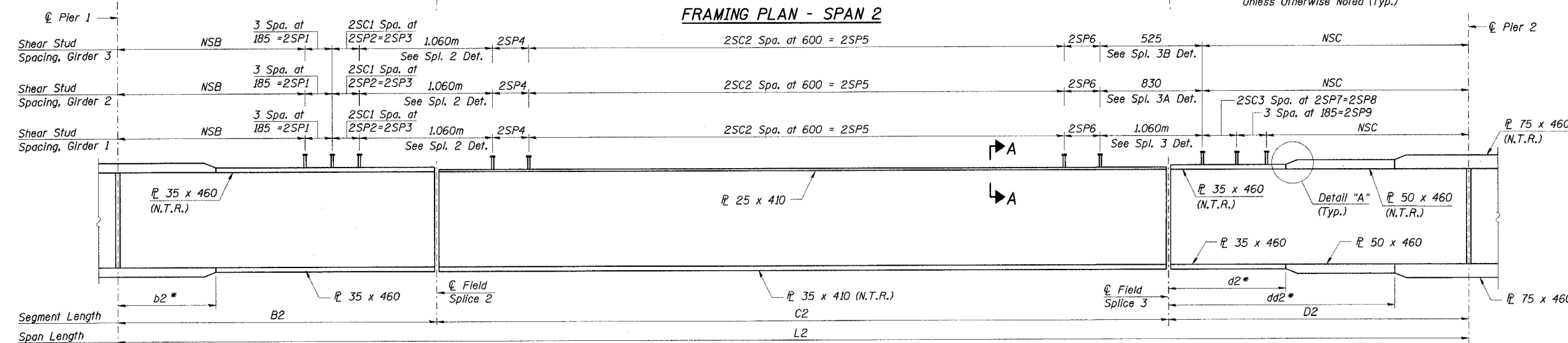
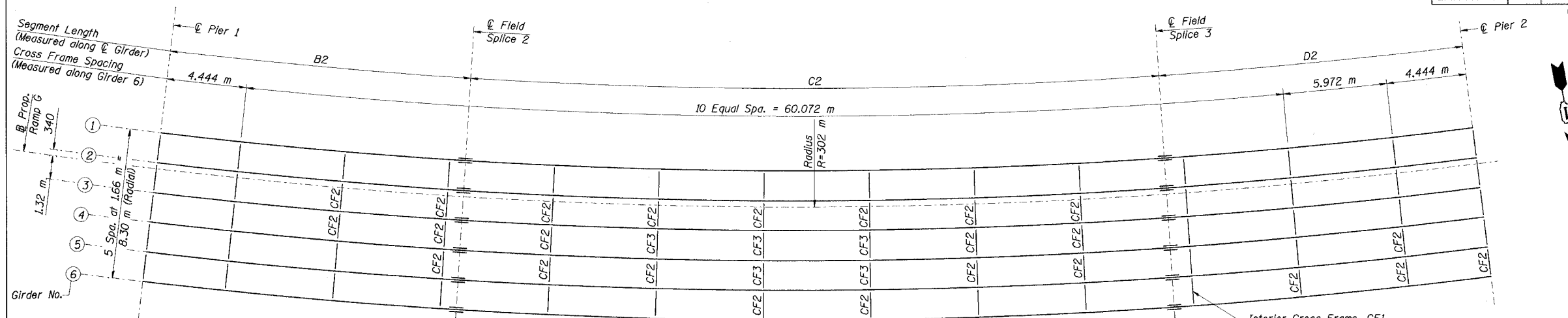


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 46 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	108	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
CONTRACT NO. 62854					



GIRDER DIMENSIONS (Meters)

Girder	Radius	L2	B2	b2	C2	D2	d2	dd2
1	300.00	72.914	17.464	4.470	36.755	18.695	8.414	14.225
2	301.66	73.317	17.560	4.495	36.958	18.799	8.460	14.304
3	303.32	73.721	17.657	4.520	37.162	18.902	8.507	14.383
4	304.98	74.124	17.753	4.544	37.365	19.006	8.554	14.461
5	306.64	74.527	17.850	4.569	37.568	19.109	8.600	14.540
6	308.30	74.932	17.947	4.594	37.772	19.213	8.647	14.619

ELEVATION - GIRDERS 4 THRU 6

"N.T.R." denotes plates to which notch toughness requirements are applicable.

SHEAR CONNECTOR DIMENSIONS (Meters)

Girder	NSB	2SP1	2SC1	2SP2	2SP3	2SP4	2SC2	2SP5	2SP6	2SC3	2SP7	2SP8	2SP9	NSC
1	15.239	0.555	2	0.570	1.140	0.148	59	35.400	0.147	1	0.075	0.075	0.555	17.535
2	15.029	0.555	3	0.482	1.446	0.249	59	35.400	0.249	0	0.000	0.000	0.000	18.499
3	14.817	0.555	3	0.585	1.755	0.095	59	35.400	0.095	0	0.000	0.000	0.000	19.419
4	14.604	0.555	4	0.516	2.064	0.088	58	34.800	0.088	0	0.000	0.000	0.555	20.310
5	14.385	0.555	4	0.595	2.380	0.076	57	34.200	0.076	0	0.000	0.000	0.555	21.240
6	14.162	0.555	5	0.540	2.700	0.360	55	33.000	0.360	0	0.000	0.000	0.555	22.180

Notes:  
1. Work this sheet with Sht. Nos. 45, 47 & 48 of 91.  
\* Top & Bottom

JBeauchamp  
 E:\34562\CADD\1\CTR\_28\_2804\cda\Fp150114a\_2804.dgn  
 28-MAR-2005 12:31

DESIGNED	ACF
CHECKED	GPM
DRAWN	JRB
CHECKED	PCA/MEA

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND  
FRAMING PLAN, GIRDER ELEVATION  
AND DETAILS-SPAN 2  
WB I-80/94 TO SB IL 394 - RAMP G  
FAI 80/94 - FAP 332 SECTION 0203.1B  
COOK COUNTY  
STA. 120+796.063 STRUCTURE NO. 016-2804  
DATE 3/23/05  
SCALE ---

