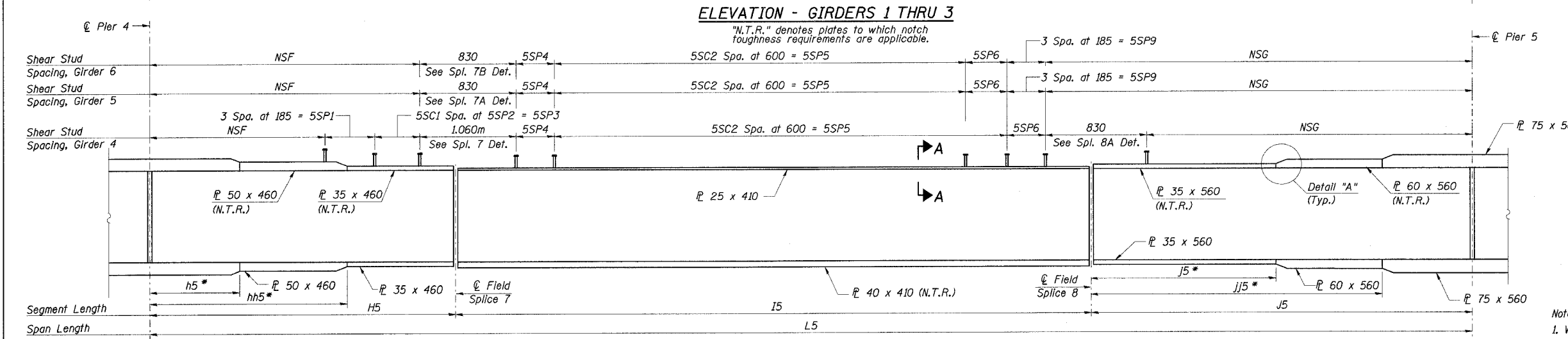
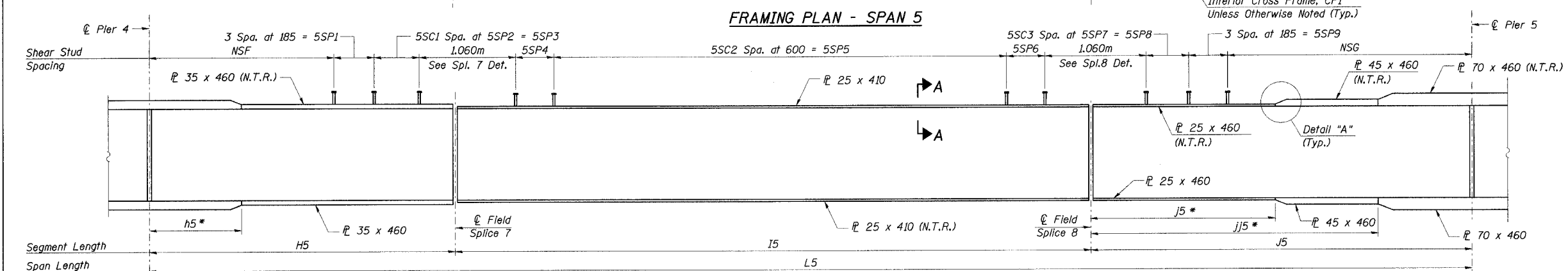
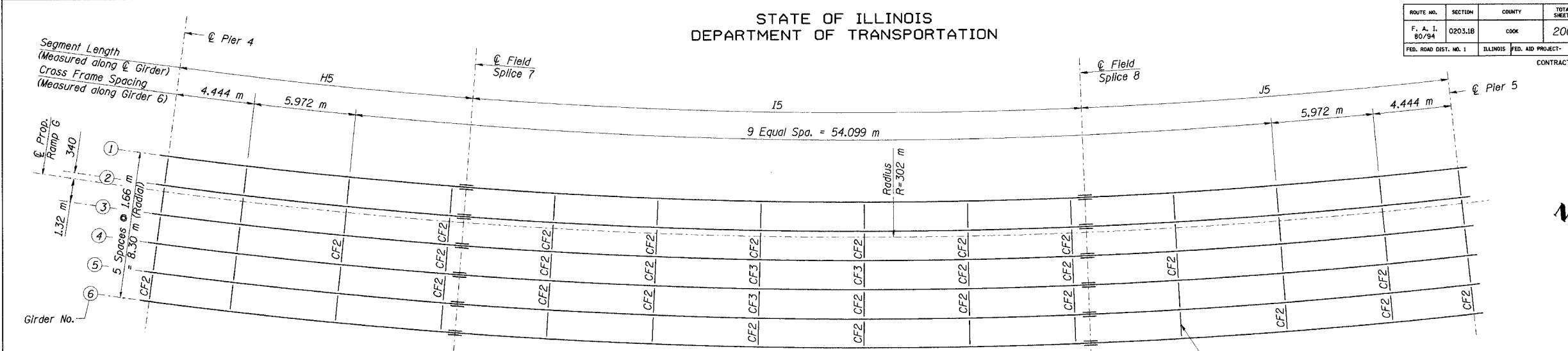


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 52 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	114	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
CONTRACT NO. 62854					



Notes:
1. Work this sheet with Sht. Nos. 51, 53 & 54 of 91.
* Top & Bottom

GIRDER DIMENSIONS (Meters)

Girder	Radius	L5	H5	h5	hh5	I5	J5	J5	JJ5
DESIGNED ACF	300.00	72.914	17.146	4.470	-	34.967	20.801	10.520	16.331
CHECKED GPM	301.66	73.317	17.241	4.495	-	35.160	20.916	10.578	16.421
DRAWN JRB	303.32	73.721	17.335	4.520	-	35.354	21.032	10.636	16.512
CHECKED PCA/MEA	304.98	74.124	17.430	4.544	10.452	35.547	21.147	10.694	16.602
	306.64	74.528	17.525	4.569	10.509	35.741	21.262	10.753	16.693
	308.30	74.931	17.620	4.594	10.566	35.934	21.377	10.811	16.783

SHEAR CONNECTOR DIMENSIONS (Meters)

Girder	NSF	5SP1	5SC1	5SP2	5SP3	5SP4	5SC2	5SP5	5SP6	5SC3	5SP7	5SP8	5SP9	NSG
1	15.677	0.555	1	0.384	0.384	0.153	56	33.600	0.154	5	0.487	2.435	0.555	17.281
2	16.056	0.555	1	0.100	0.100	0.250	56	33.600	0.250	3	0.452	1.356	0.555	18.475
3	15.885	0.555	1	0.365	0.365	0.347	56	33.600	0.347	1	0.263	0.555	0.555	19.684
4	16.270	0.555	1	0.075	0.075	0.144	57	34.200	0.143	0	0	0	0	20.847
5	17.225	0	0	0.000	0.000	0.092	56	33.600	0.091	0	0	0	0.555	22.135
6	17.320	0	0	0.000	0.000	0.217	54	32.400	0.217	0	0	0	0.555	23.392

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94/IL 394 SOUTH BOUND
FRAMING PLAN, GIRDER ELEVATION
AND DETAILS-SPAN 5
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 ---



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