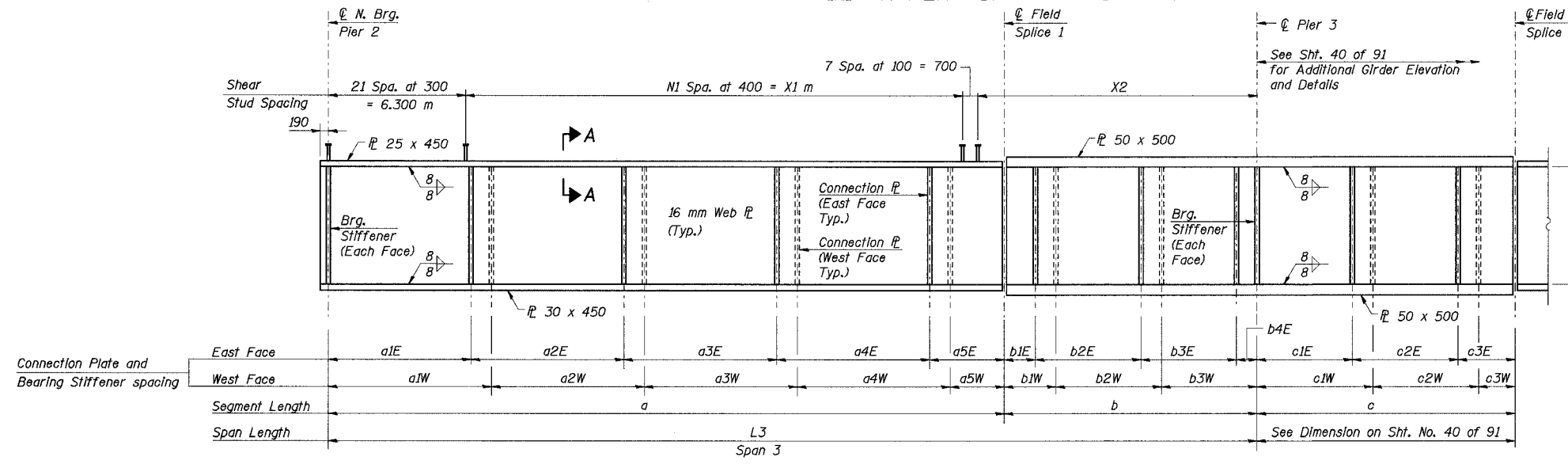


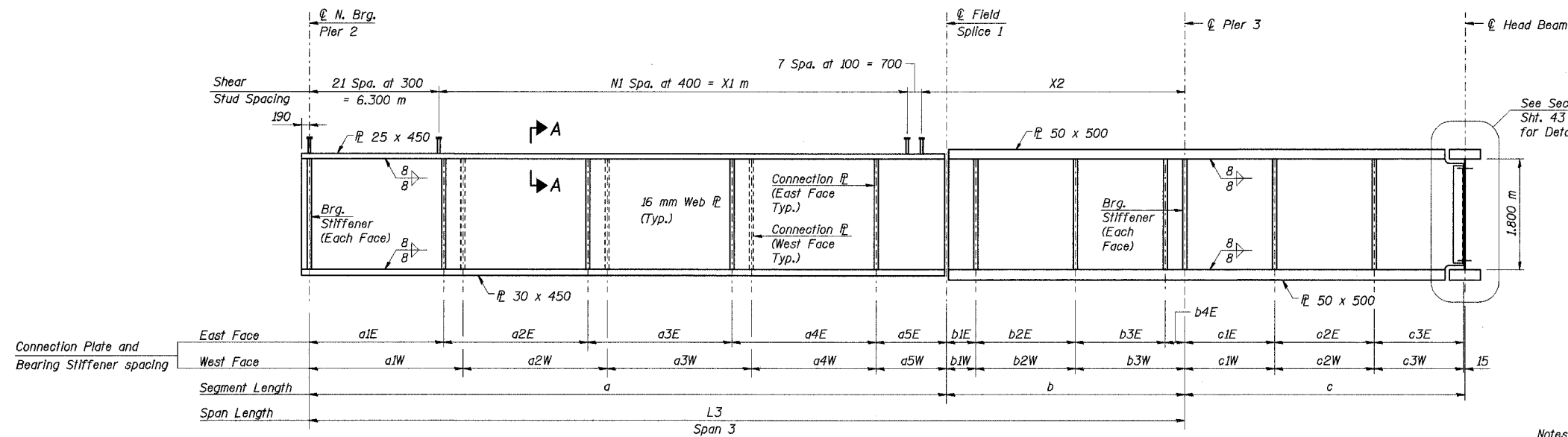
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 38 91 SHEETS
F. A. I. 80/94	*	COOK	870	552	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-	CONTRACT NO. 62108		



ELEVATION - GIRDERS 1 THRU 12 EXCEPT 3 & 9

(All Plates AASHTO M270M Grade 345, N.T.R.)
Looking West, Girder East Face shown



ELEVATION - GIRDERS 3 & 9

(All Plates AASHTO M270M Grade 345, N.T.R.)
Looking West, Girder East Face shown

GIRDER CONNECTION PLATE & BEARING STIFFENER SPACING (Meters)

Girder No.	Girder East Side										Girder West Side												
	a1E	a2E	a3E	a4E	a5E	b1E	b2E	b3E	b4E	c1E	c2E	c3E	a1W	a2W	a3W	a4W	a5W	b1W	b2W	b3W	c1W	c2W	c3W
1	6.491	6.873	6.873	6.873	3.271	1.480	4.750	4.373	0.759	-	-	-	7.255	6.873	6.873	6.873	2.507	2.244	4.750	4.368	-	-	-
2	6.552	6.890	6.890	6.592	3.457	1.319	4.775	4.804	0.464	-	-	-	7.227	6.889	6.889	6.619	2.903	1.871	4.773	4.773	4.773	4.690	4.840
3	6.569	6.924	6.924	7.208	2.902	1.871	4.773	4.285	0.488	4.773	4.690	4.840	7.227	6.889	6.889	6.619	2.903	1.871	4.773	4.773	4.773	4.690	4.840
4	6.514	6.941	6.941	6.941	3.343	1.453	4.797	4.375	0.849	-	-	-	7.278	6.923	6.923	7.207	2.349	2.423	4.773	4.278	-	-	-
5	6.518	6.941	6.941	6.941	3.339	1.458	4.797	4.380	0.839	-	-	-	7.368	6.941	6.941	6.941	2.489	2.308	4.797	4.369	-	-	-
6	6.518	6.941	6.941	6.941	3.339	1.458	4.797	4.380	0.839	-	-	-	7.363	6.941	6.941	6.941	2.494	2.303	4.797	4.374	-	-	-
7	6.518	6.941	6.941	6.941	3.339	1.458	4.797	4.380	0.839	-	-	-	7.363	6.941	6.941	6.941	2.494	2.303	4.797	4.374	-	-	-
8	6.583	6.960	6.960	6.632	3.545	1.280	4.825	4.854	0.515	-	-	-	7.363	6.941	6.941	6.941	2.494	2.303	4.797	4.374	-	-	-
9	6.604	6.998	6.998	7.313	2.932	1.890	4.823	4.281	0.542	4.823	4.823	4.806	7.336	6.959	6.959	6.659	2.932	1.890	4.823	4.823	4.823	4.823	4.806
10	6.544	7.017	7.017	7.017	3.422	1.428	4.850	4.377	0.945	-	-	-	7.391	6.997	6.997	7.312	2.320	2.503	4.823	4.274	-	-	-
11	6.544	7.017	7.017	7.017	3.422	1.428	4.850	4.382	0.940	-	-	-	7.490	7.017	7.017	7.017	2.476	2.374	4.850	4.376	-	-	-
12	-	-	-	-	-	-	-	-	-	-	-	-	7.490	7.017	7.017	7.017	2.476	2.374	4.850	4.376	-	-	-

DESIGNED	JY
CHECKED	MEA
DRAWN	LK
CHECKED	MEA

SHEAR CONNECTOR NUMBERS

Girder No.	N1
1	54
2	56
3	56
4	56
5	55
6	54
7	54
8	57
9	57
10	57
11	57
12	57

SHEAR CONNECTOR LOCATIONS (Meters)

Girder No.	X1	X2
1	21.600	12.343
2	22.400	11.943
3	22.400	12.144
4	22.400	11.954
5	22.000	12.754
6	21.600	13.154
7	21.600	12.754
8	22.800	11.954
9	22.800	12.181
10	22.800	12.017
11	22.800	12.817
12	22.800	12.817

Notes:

- All dimensions are in millimeters (mm) except as noted.
- See Sht. No. 43 of 91 for Section A-A.
- See Sht. No. 35 of 91 for Dimension a, b, c and L3.
- Work this sheet with Sheet Nos. 37, 45 - 48 of 91.
- N.T.R. denotes notch toughness requirements are applicable.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
GIRDER ELEVATION AND DETAILS
SPAN 3
SB IL ROUTE 394 OVER THORN CREEK
F.A.P. 332 SECTION (02033.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800
DATE JUL 18, 2005
SCALE ---

HNTB

J:\Beauchamp\ET\34562\CADD\1\1\SN_2800\cadd\CTR_15_2800\1p190144e_2800.dgn
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