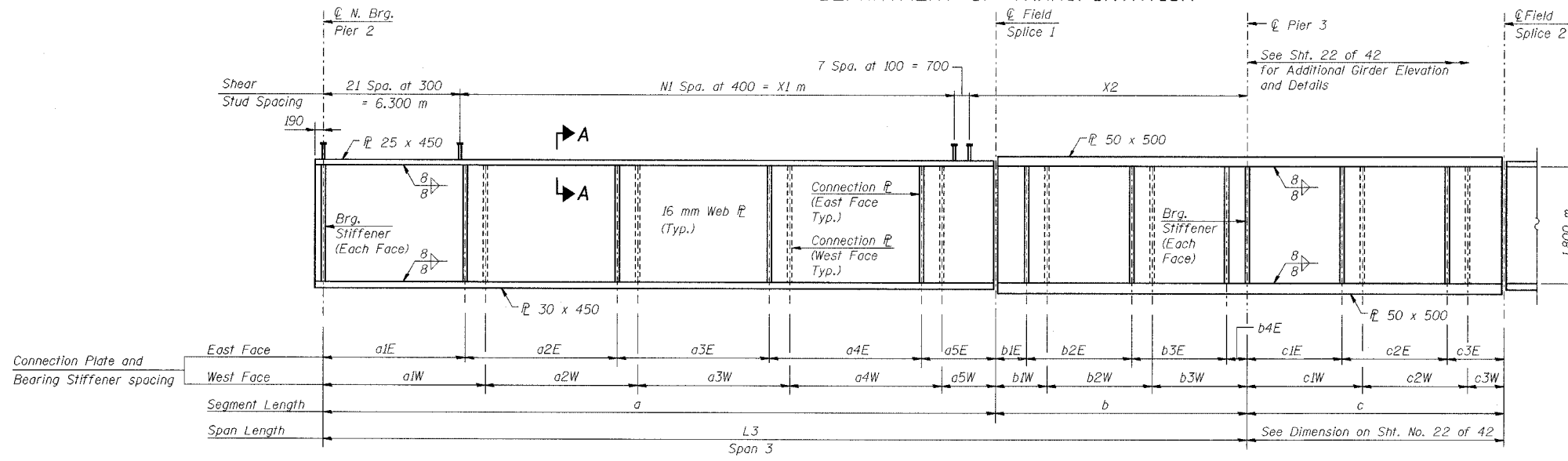


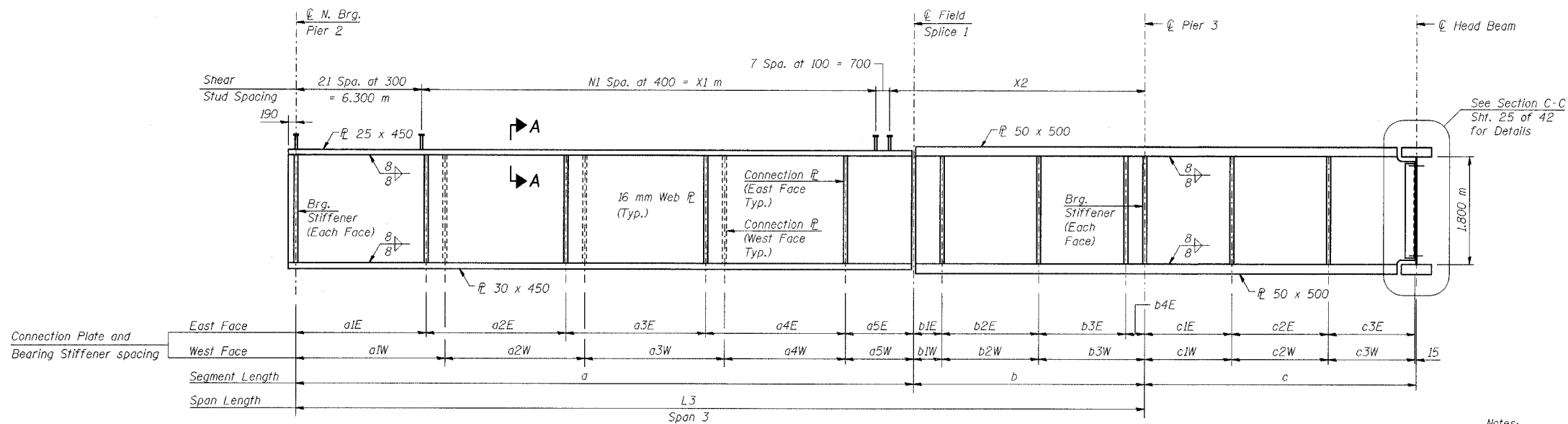
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 20 42 SHEETS
F. A. I. 80/94		COOK	90	35	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
2004-133F		CONTRACT NO. 62896			



**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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2	6.552	6.890	6.890	6.592	3.457	1.319	4.775	4.804	0.464	-	-	-	7.255	6.873	6.873	6.873	2.507	2.244	4.750	4.368	-	-	-	-
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	4.261	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**  
"NOT IN CONTRACT"

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)**  
"NOT IN CONTRACT"

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. 25 of 42 for Section A-A.
  - See Sht. No. 17 of 42 for Dimension a, b, c and L3.
  - Work this sheet with Sheet Nos. 19, 27, 28 - 30 of 42.
  - 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 2004-133F  
COOK COUNTY  
STA. 440+704.350 STRUCTURE NO. 016-2800  
DATE 05/16/05  
SCALE ---  
**HNTB**

I:\projects\2004\133F\12-MAY-2005\15425\EN\34562\CADD\B\SN\_2800\cadd\CTR\_29\_2800\cadd\p190144e\_2800.dgn