

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET	SHEET NO. 20 46 SHEETS
FAP 315	(18BRY-1)BR	FULTON		18	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		Contract #88753

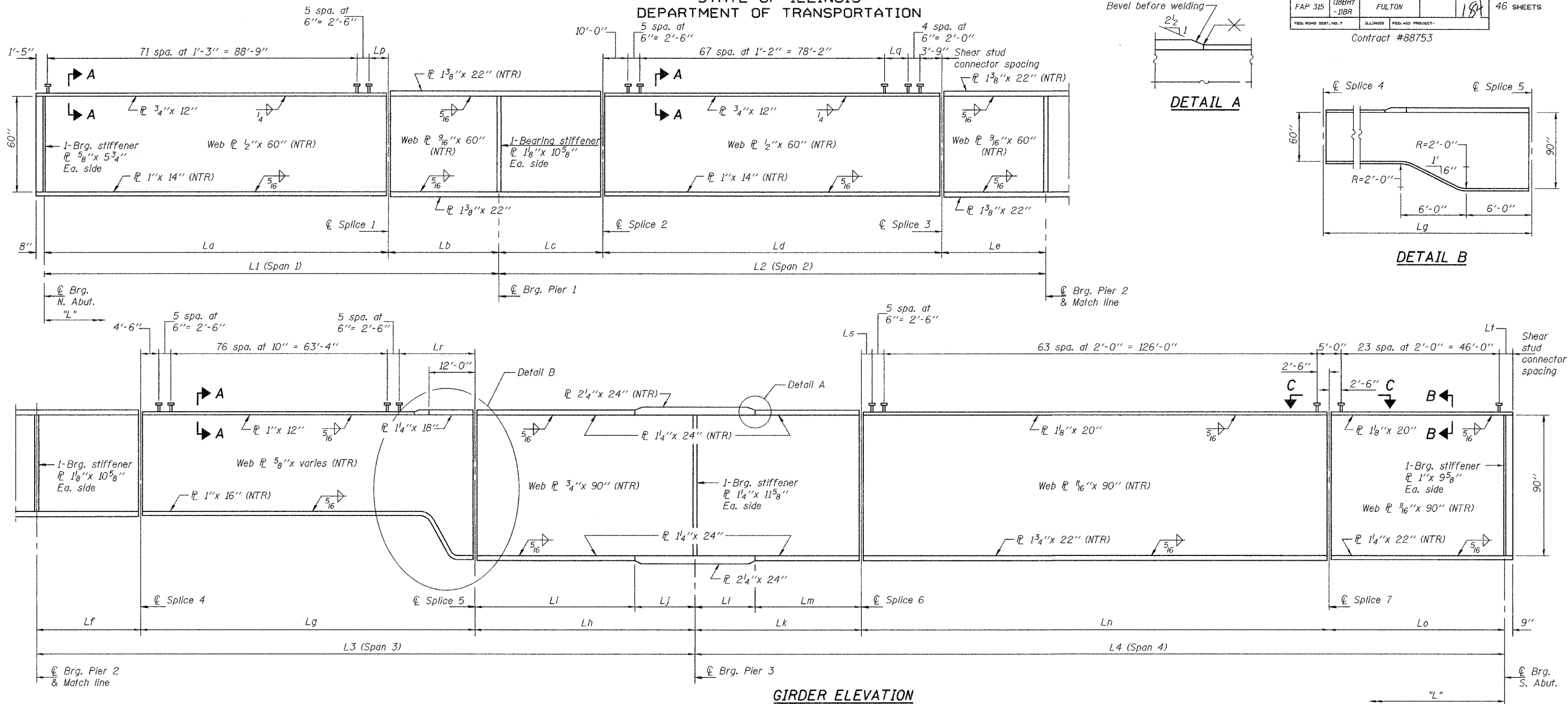


TABLE OF L THRU L4 & La THRU Lt DIMENSIONS

Girder No.	Radius	L	L1	L2	L3	L4	La	Lb	Lc	Ld	Le	Lf	Lg	Lh	Li	Lj	Lk	Ll	Lm	Ln	Lo	Lp	Lq	Lr	Ls	Lt
1	4541.875	706'-7 ¹ / ₈ "	129'-3 ¹³ / ₁₆ "	156'-4 ¹ / ₂ "	189'-2 ¹⁵ / ₁₆ "	231'-7 ⁷ / ₈ "	98'-0 ¹³ / ₁₆ "	31'-3"	29'-9 ⁹ / ₁₆ "	96'-10 ³ / ₁₆ "	29'-9 ³ / ₁₆ "	29'-9 ⁹ / ₁₆ "	95'-0"	64'-5 ¹³ / ₁₆ "	29'-9 ⁵ / ₁₆ "	34'-8 ¹ / ₂ "	47'-7 ⁷ / ₁₆ "	27'-9 ⁵ / ₁₆ "	19'-10 ¹ / ₈ "	133'-11 ³ / ₁₆ "	50'-1 ¹ / ₄ "	6'-0 ¹³ / ₁₆ "	5 ³ / ₁₆ "	22'-2"	2'-11 ³ / ₁₆ "	2'-4 ¹ / ₄ "
2	4549.125	707'-8 ¹ / ₄ "	129'-6 ¹ / ₄ "	156'-7 ¹ / ₂ "	189'-6 ⁵ / ₈ "	232'-0 ⁵ / ₁₆ "	98'-2 ⁵ / ₈ "	31'-3 ⁵ / ₈ "	29'-9 ³ / ₄ "	97'-0"	29'-9 ³ / ₄ "	29'-9 ³ / ₄ "	95'-1 ¹³ / ₁₆ "	64'-7 ¹ / ₁₆ "	29'-9 ³ / ₄ "	34'-9 ⁵ / ₁₆ "	47'-8 ³ / ₈ "	27'-9 ³ / ₄ "	19'-10 ⁵ / ₈ "	134'-1 ³ / ₄ "	50'-2 ³ / ₁₆ "	6'-2 ⁵ / ₈ "	7"	22'-3 ¹³ / ₁₆ "	3'-1 ³ / ₄ "	2'-5 ³ / ₁₆ "
3	4556.375	708'-10 ¹ / ₄ "	129'-8 ³ / ₄ "	156'-10 ¹ / ₂ "	189'-10 ¹ / ₄ "	232'-4 ³ / ₄ "	98'-4 ⁹ / ₁₆ "	31'-4 ³ / ₁₆ "	29'-10 ⁵ / ₁₆ "	97'-1 ⁷ / ₈ "	29'-10 ⁵ / ₁₆ "	29'-10 ⁵ / ₁₆ "	95'-3 ⁵ / ₈ "	64'-8 ⁵ / ₁₆ "	29'-10 ⁵ / ₁₆ "	34'-10"	47'-9 ¹ / ₄ "	27'-10 ³ / ₈ "	19'-10 ⁷ / ₈ "	134'-4 ⁵ / ₁₆ "	50'-3 ³ / ₁₆ "	6'-4 ⁹ / ₁₆ "	8 ⁷ / ₁₆ "	22'-5 ⁵ / ₈ "	3'-4 ⁵ / ₁₆ "	2'-6 ³ / ₁₆ "
4	4563.625	709'-11 ³ / ₄ "	129'-11 ¹ / ₄ "	157'-1 ¹ / ₂ "	190'-1 ¹³ / ₁₆ "	232'-9 ³ / ₁₆ "	98'-6 ⁷ / ₁₆ "	31'-4 ³ / ₁₆ "	29'-10 ⁷ / ₈ "	97'-3 ³ / ₄ "	29'-10 ⁷ / ₈ "	29'-10 ⁷ / ₈ "	95'-5 ⁷ / ₁₆ "	64'-9 ¹ / ₂ "	29'-10 ¹³ / ₁₆ "	34'-10 ¹ / ₁₆ "	47'-10 ³ / ₁₆ "	27'-10 ¹⁵ / ₁₆ "	19'-11 ¹ / ₄ "	134'-6 ⁷ / ₈ "	50'-4 ¹ / ₈ "	6'-6 ⁷ / ₁₆ "	10 ³ / ₄ "	22'-7 ⁷ / ₁₆ "	3'-6 ⁷ / ₈ "	2'-7 ¹ / ₈ "
5	4570.875	711'-1 ¹ / ₄ "	130'-1 ¹ / ₄ "	157'-4 ¹ / ₂ "	190'-5 ⁷ / ₁₆ "	233'-1 ⁵ / ₈ "	98'-8 ⁵ / ₁₆ "	31'-5 ³ / ₈ "	29'-11 ⁷ / ₁₆ "	97'-5 ⁹ / ₁₆ "	29'-11 ² / ₁₆ "	29'-11 ⁷ / ₁₆ "	95'-7 ¹ / ₄ "	64'-10 ³ / ₄ "	29'-11 ³ / ₈ "	34'-11 ³ / ₈ "	47'-11 ¹ / ₂ "	27'-11 ² / ₁₆ "	19'-11 ⁹ / ₁₆ "	134'-9 ⁷ / ₁₆ "	50'-5 ¹ / ₈ "	6'-8 ⁵ / ₁₆ "	1'-0 ⁹ / ₁₆ "	22'-9 ¹ / ₄ "	3'-9 ⁷ / ₁₆ "	2'-8 ¹ / ₈ "
6	4578.125	712'-2 ¹³ / ₁₆ "	130'-4 ³ / ₁₆ "	157'-7 ¹ / ₂ "	190'-9 ¹ / ₁₆ "	233'-6 ¹ / ₁₆ "	98'-10 ³ / ₁₆ "	31'-6"	30'-0"	97'-7 ¹ / ₂ "	30'-0"	30'-0"	95'-9 ¹ / ₁₆ "	65'-0"	30'-0"	35'-0"	48'-0"	28'-0"	20'-0"	135'-0"	50'-6 ¹ / ₁₆ "	6'-10 ³ / ₁₆ "	1'-2 ¹ / ₂ "	22'-11 ¹ / ₁₆ "	4'-0"	2'-9 ¹ / ₁₆ "

DESIGNED	MJT
CHECKED	FT
DRAWN	h.t. parsons
CHECKED	MJT/FT

May 16, 2005
 EXAMINED *Thomas J. Domagala*
 ENGINEER OF BRIDGE DESIGN
 PASSED *Ralph E. Anderson*
 ENGINEER OF BRIDGES AND STRUCTURES

Notes:
 "NTR" denotes plates to which notch toughness requirements are applicable.
 All plates of the girders, including the bearing stiffeners, shall be AASHTO M 270, Grade 50.
 For Sections A-A & B-B, see sheet 22 of 46.
 For View C-C, see sheet 23 of 46.

STRUCTURAL STEEL DETAILS
 F.A.P. RTE. 315 - SEC. (18BRY-1)BR
 FULTON COUNTY
 STATION 74+09.000
 STRUCTURE NO. 029-0068