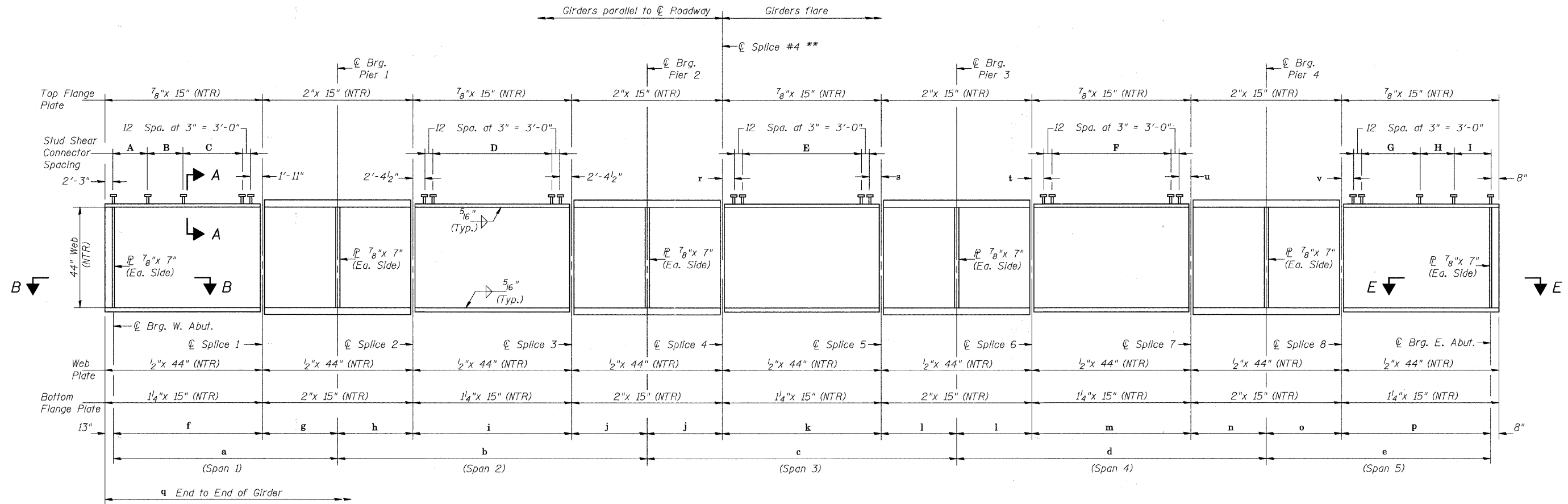


** Fabricate Field Splice Plates to match Girder Flare as required.



**ELEVATION
GIRDER 1 & 6**

Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

For Sections A-A, B-B & E-E See Sheet 34 of 60.

Girder No.	a	b	c	d	e	f	g	h	i	j	k	l	m	n	o	p	q	r	s	t	u	v
Girder 1	110'-0"	132'-0"	133'-0 1/2"	133'-4 1/8"	111'-1 1/2"	82'-0"	28'-0"	32'-0"	70'-0"	30'-0"	72'-8 7/8"	30'-3 5/8"	70'-8 1/2"	32'-3 7/8"	28'-3 3/8"	82'-10"	621'-3 1/4"	2'-1 1/8"	2'-1 1/4"	2'-8 3/4"	2'-8 3/4"	2'-9"
Girder 6	110'-0"	132'-0"	130'-11 7/8"	130'-8 1/4"	108'-10 7/8"	82'-0"	28'-0"	32'-0"	70'-0"	30'-0"	71'-3 3/8"	29'-8 3/8"	69'-3 5/8"	31'-8 1/4"	27'-8 5/8"	81'-2 1/4"	614'-4 1/8"	3'-0 1/8"	3'-0 1/4"	2'-0 1/4"	2'-0 3/8"	1'-11 1/4"
* Girder 2A	-	-	110'-6 1/2"	132'-7 7/8"	110'-6 1/2"	-	-	-	-	-	80'-4 3/4"	30'-1 3/4"	70'-4 1/8"	32'-1 1/8"	28'-1 5/8"	82'-4 7/8"	354'-2 1/8"	3"	1'-9 1/2"	2'-6 1/2"	2'-6 5/8"	2'-3 7/8"
* Girder 5A	-	-	109'-5 1/2"	131'-4 1/4"	109'-5 1/2"	-	-	-	-	-	79'-7 1/4"	29'-10 1/4"	69'-7 7/8"	31'-10 1/8"	27'-10 3/8"	81'-7 1/4"	350'-8 5/8"	8"	2'-2 1/2"	2'-2 3/8"	2'-2 1/2"	1'-11 1/4"

* See Sheet 32 of 60 for Girder Details

SHEAR STUD SPACING

Location	Girder 1	Girder 6
A	28 Spa. @ 9" = 21'-0"	28 Spa. @ 9 1/2" = 22'-2"
B	20 Spa. @ 1'-1" = 21'-8"	20 Spa. @ 1'-0 1/2" = 20'-10"
C	38 Spa. @ 10 1/2" = 33'-3"	38 Spa. @ 10 1/2" = 33'-3"
D	79 Spa. @ 9" = 59'-3"	79 Spa. @ 9" = 59'-3"
E	79 Spa. @ 9 1/2" = 62'-6 1/2"	79 Spa. @ 9" = 59'-3"
F	79 Spa. @ 9" = 59'-3"	79 Spa. @ 9" = 59'-3"
G	38 Spa. @ 10 1/2" = 33'-3"	38 Spa. @ 10 1/2" = 33'-3"
H	20 Spa. @ 1'-1" = 21'-8"	20 Spa. @ 1'-0 1/2" = 20'-10"
I	28 Spa. @ 9 1/2" = 22'-2"	28 Spa. @ 9 1/2" = 22'-2"

**BEAM DETAILS
STRUCTURE NO. 099-4105**

DESIGNED	JOH
CHECKED	BAN
DRAWN	TC
CHECKED	JOH

SHEET NO. 31	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 55	90-16103-01-BR	WILL	255	175
60 SHEETS	SN 099-4105		CONTRACT NO. 83126		
	FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT BRS-		