

68201				
68201	ROUTE No.	SECTION	COUNTY	TOTAL SHEETS
	FAI 74	*	TAZEWELL	1366
STA.			TO STA.	
F.H.W.A. REGION			ILLINOIS	PROJECT

SHEET 24 OF 56

TABLE A

Splice Designation	Girder	Splice Type	TOP FLANGE			WEB	BOTTOM FLANGE		
			Outer Splice ℓ	Filler ℓ	Inner Splice ℓ	Splice ℓ's	Outer Splice ℓ	Filler ℓ	Inner Splice ℓ
FS -1	G1	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2	G1	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2A	G1	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3	G1	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3A	G1	III	18 x 400 x 910	8 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4	G1	III	18 x 400 x 910	16 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4A	G1	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -5	G1	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	10 x 400 x 455	22 x 165 x 910
FS -1	G2	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2	G2	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2A	G2	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3	G2	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3A	G2	III	18 x 400 x 910	8 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4	G2	III	18 x 400 x 910	16 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4A	G2	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -5	G2	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	10 x 400 x 455	22 x 165 x 910
FS -1	G3	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2	G3	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -2A	G3	I	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3	G3	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3A	G3	III	18 x 400 x 910	8 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4	G3	III	18 x 400 x 910	16 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4A	G3	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -5	G3	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	10 x 400 x 455	22 x 165 x 910
FS -1	G4	Ila	20 x 400 x 1060	10 x 400 x 530	22 x 165 x 1060	10 x 330 x 1220	22 x 550 x 1360	7 x 550 x 680	25 x 240 x 1360
FS -2	G4	Iib	20 x 400 x 1060	3 x 400 x 530	22 x 165 x 1060	10 x 330 x 1220	25 x 450 x 1060	n/a	25 x 190 x 1060
FS -2A	G4	Iib	20 x 400 x 1060	3 x 400 x 530	22 x 165 x 1060	10 x 330 x 1220	25 x 450 x 1060	n/a	25 x 190 x 1060
FS -3	G4	I	18 x 400 x 910	5 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -3A	G4	III	18 x 400 x 910	8 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4	G4	III	18 x 400 x 910	16 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	3 x 400 x 455	22 x 165 x 910
FS -4A	G4	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	n/a	22 x 165 x 910
FS -5	G4	III	18 x 400 x 910	13 x 400 x 455	22 x 165 x 910	10 x 330 x 1220	20 x 400 x 910	10 x 400 x 455	22 x 165 x 910

2/3/2005

m:\p\proj\3573\compk2\flisp2-7a0900156.dgn

DESIGNED	JOZ
CHECKED	KWS
DRAWN	VH
CHECKED	LRB

- NOTES:**
- All splice plates shall be M270M Grade 345 Steel except fill plates and conform to Notch Toughness Requirements.
 - Work this sheet with sheet 23.

ab **alfred benesch & company**
CONSULTING ENGINEERS
208 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60604
JOB NO. 3573

ILLINOIS DEPARTMENT OF TRANSPORTATION
RAMP K-2 OVER
MAIN ST & RAMP J-3
F.A.I. ROUTE 74 (I-74)
SECTION 90-IIIB-5
SPLICE DETAILS

SN: 090-0156
TAZEWELL CO., IL.

STA. 10+529.222
DATE: 12-23-04