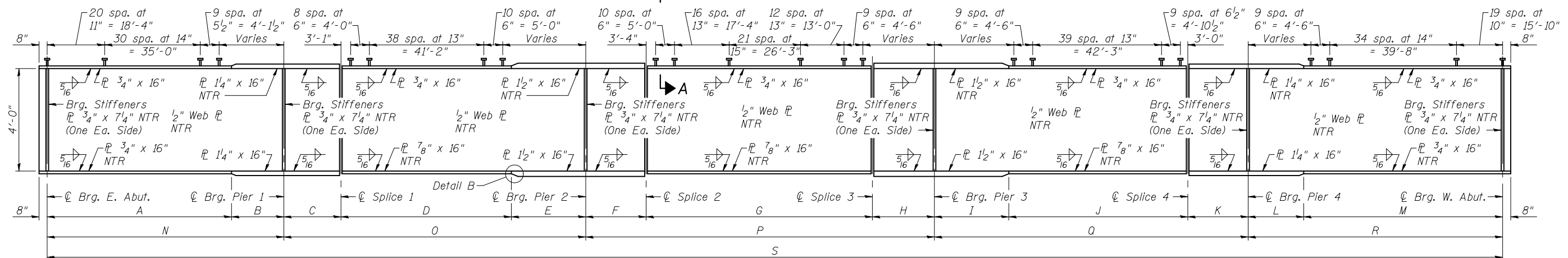


PLAN



DIAPHRAGM SPACING

ELEVATION

TOP OF WEB ELEVATIONS*

Girder	Location	DS1	DS2	DS3	DS4	DS5	DS6	DS7	DS8	DS9	DS10	DS11	DS12	DS13	DS14	DS15
1E	North Face	15'-0"	23'-0"	14'-3"	9'-0"	23'-0"	17'-9 1/16"	8'-0"	22'-3 9/16"	13'-0"	13'-7 3/4"	24'-0"	13'-0"	8'-10 9/16"	23'-6"	23'-6"
2E	South Face	18'-4 1/16"	23'-0 9/16"	10'-9 1/16"	12'-6 1/16"	23'-0 9/16"	14'-1 1/16"	11'-9 3/16"	22'-4 1/8"	8'-11 1/16"	17'-8 1/16"	24'-0 9/16"	8'-8 7/8"	13'-2 1/4"	23'-6 9/16"	19'-0 9/16"
2E	North Face	15'-0"	23'-0"	14'-2 5/8"	9'-0"	23'-0"	17'-9 1/16"	8'-0"	22'-3 3/8"	13'-0"	13'-7"	24'-0"	13'-0"	8'-9 1/16"	23'-6"	23'-6"
3E	South Face	18'-4 5/16"	23'-0 9/16"	10'-8 13/16"	12'-6 5/16"	23'-0 9/16"	14'-0 1/8"	11'-9 9/8"	22'-3 5/8"	9'-0 1/16"	17'-7 5/8"	24'-0 9/16"	8'-9"	13'-1 1/16"	23'-6 9/16"	19'-0 1/16"
3E	North Face	15'-0"	23'-0"	14'-2 1/4"	9'-0"	23'-0"	17'-8 1/8"	8'-0"	22'-3 1/4"	13'-0"	13'-6 5/16"	24'-0"	13'-0"	8'-9 1/4"	23'-6"	23'-6"
4E	South Face	18'-4 1/4"	23'-0 9/16"	10'-8 1/2"	12'-6 3/16"	23'-0 9/16"	14'-0 1/16"	11'-9"	22'-3 3/4"	9'-0 3/16"	17'-6 3/4"	24'-0 9/16"	8'-9 1/8"	13'-0 3/8"	23'-6 9/16"	19'-0 7/16"
4E	North Face	15'-0"	23'-0"	14'-1 1/8"	9'-0"	23'-0"	17'-8 5/16"	8'-0"	22'-3 1/8"	13'-0"	13'-5 9/16"	24'-0"	13'-0"	8'-8 5/8"	23'-6"	23'-6"
5E	South Face	18'-4 1/8"	23'-0 9/16"	10'-8 1/4"	12'-6 3/8"	23'-0 9/16"	14'-0"	11'-8 5/8"	22'-3 9/16"	9'-0 5/16"	17'-5 5/8"	24'-0 9/16"	8'-9 5/8"	12'-11 1/16"	23'-6 9/16"	19'-1"
5E	North Face	15'-0"	23'-0"	14'-1 1/2"	9'-0"	23'-0"	17'-7 13/16"	8'-0"	22'-2 7/8"	13'-0"	13'-4 7/8"	24'-0"	13'-0"	8'-8"	23'-6"	23'-6"
6E	South Face	18'-4"	23'-0 9/16"	10'-8"	12'-6"	23'-0 9/16"	13'-11 9/16"	11'-8 1/16"	22'-3 3/8"	9'-0 1/2"	17'-5 1/16"	24'-0 9/16"	8'-9 3/8"	12'-11 1/16"	23'-6 9/16"	19'-1 1/16"

	Girder 1E	Girder 2E	Girder 3E	Girder 4E	Girder 5E	Girder 6E
⊕ Brg. E. Abut.	382.04	382.21	382.38	382.55	382.72	382.89
⊕ Brg. Pier 1	382.35	382.51	382.68	382.85	383.02	383.19
⊕ Splice 1	382.39	382.55	382.72	382.89	383.06	383.23
⊕ Brg. Pier 2	382.77	382.94	383.11	383.28	383.45	383.62
⊕ Splice 2	382.82	382.98	383.15	383.33	383.50	383.67
⊕ Splice 3	382.84	383.05	383.24	383.43	383.63	383.82
⊕ Brg. Pier 3	382.80	383.01	383.21	383.40	383.60	383.80
⊕ Splice 4	382.41	382.61	382.82	383.02	383.23	383.44
⊕ Brg. Pier 4	382.36	382.56	382.77	382.98	383.18	383.39
⊕ Brg. W. Abut.	382.04	382.24	382.45	382.66	382.87	383.07

*For fabrication only.

LAYOUT DIMENSIONS

Girder	⊕ Brg. E. Abut.		⊕ Brg. Pier 1		⊕ Splice 1		⊕ Brg. Pier 2		⊕ Splice 2		⊕ Splice 3		⊕ Brg. Pier 3		⊕ Splice 4		⊕ Brg. Pier 4		⊕ Brg. W. Abut.	
	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y	X	Y
1E	-213'-7 3/16"	26'-7 3/8"	-138'-5 3/16"	23'-1 1/16"	-121'-5 1/4"	22'-6 1/16"	-42'-7 9/16"	20'-9 3/8"	-24'-1 9/16"	20'-7 7/16"	48'-6 3/4"	20'-10 1/4"	67'-6 1/16"	21'-1 13/16"	148'-2 1/16"	23'-5 9/16"	166'-1 7/8"	24'-2 9/16"	245'-5"	28'-6 1/16"
2E	-217'-4 3/16"	19'-4 13/16"	-142'-2 5/8"	15'-9 11/16"	-125'-2 3/4"	15'-2 1/2"	-46'-5 5/8"	13'-4 1/16"	-27'-11 5/8"	13'-2 3/4"	44'-8"	13'-4 1/16"	63'-7 15/16"	13'-7 15/16"	144'-2 9/16"	15'-10 5/8"	162'-2 1/16"	16'-7 7/16"	241'-4 15/16"	20'-10 3/8"
3E	-221'-1 1/4"	12'-2 1/4"	-146'-0 1/8"	8'-6 3/8"	-129'-0 1/4"	7'-10 15/16"	-50'-3 3/8"	6'-0 1/2"	-31'-9 11/16"	5'-10 1/8"	40'-9 1/4"	5'-11 1/8"	59'-9 9/16"	6'-2 3/16"	140'-3 3/8"	8'-3 3/4"	158'-3"	9'-0 5/16"	237'-4 15/16"	13'-2 3/16"
4E	-224'-10 5/16"	4'-11 3/4"	-149'-9 9/16"	1'-3 1/8"	-132'-9 11/16"	7 1/2"	-54'-1 1/8"	-1'-3 1/8"	-35'-7 11/16"	-1'-6 1/2"	36'-10 1/2"	-1'-6 5/16"	55'-10 1/2"	-1'-3 9/16"	136'-3 3/4"	9"	154'-3 3/8"	1'-5 1/4"	233'-4 15/16"	5'-6"
5E	-228'-7 9/16"	-2'-2 1/16"	-153'-6 1/16"	-6'-0 1/8"	-136'-7 1/8"	-6'-7 15/16"	-57'-11 5/8"	-8'-8 3/16"	-39'-5 5/8"	-8'-11 1/16"	32'-11 13/16"	-8'-11 3/4"	51'-11 13/16"	-8'-9 1/4"	132'-4 3/8"	-6'-9 3/4"	150'-4 1/4"	-6'-1 1/16"	229'-5"	-2'-2 1/8"
6E	-232'-4 5/16"	-9'-5 1/8"	-157'-4 3/8"	-13'-3 3/8"	-140'-4 1/2"	-13'-11 3/8"	-61'-9 9/16"	-16'-0 1/16"	-43'-3 3/8"	-16'-3 9/16"	29'-1 3/16"	-16'-5 3/16"	48'-1 13/16"	-16'-2 7/8"	128'-5 1/16"	-14'-4 1/16"	146'-4 1/8"	-13'-8 5/8"	225'-5 1/8"	-9'-10 1/8"

GIRDER DIMENSIONS

Girder	Radius	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1E	3760.81'	59'-3"	16'-0"	17'-0"	55'-9 5/16"	23'-0"	18'-6"	72'-8 5/16"	19'-0"	23'-0"	57'-7 3/4"	18'-0"	17'-0"	62'-4 9/16"	75'-3"	95'-9 5/16"	110'-2 5/16"	98'-7 3/4"	79'-4 9/16"	459'-3 9/16"
2E	3768.23'	59'-2 3/8"	16'-0"	17'-0"	55'-9 1/16"	23'-0"	18'-6"	72'-7 5/8"	19'-0"	23'-0"	57'-7"	18'-0"	17'-0"	62'-3 1/16"	75'-2 5/8"	95'-9 1/16"	110'-1 5/8"	98'-7"	79'-3 1/8"	459'-0 5/8"
3E	3775.65'	59'-2 1/4"	16'-0"	17'-0"	55'-8 1/8"	23'-0"	18'-6"	72'-6 5/16"	19'-0"	23'-0"	57'-6 5/16"	18'-0"	17'-0"	62'-3 1/4"	75'-2 1/4"	95'-8 7/8"	110'-0 5/16"	98'-6 5/16"	79'-3 1/4"	458'-9 5/8"
4E	3783.06'	59'-1 1/8"	16'-0"	17'-0"	55'-8 3/16"	23'-0"	18'-6"	72'-6 3/16"	19'-0"	23'-0"	57'-5 9/16"	18'-0"	17'-0"	62'-2 3/8"	75'-1 7/8"	95'-8 5/16"	110'-0 3/16"	98'-5 9/16"	79'-2 3/8"	458'-6 9/16"
5E	3790.48'	59'-1 1/2"	16'-0"	17'-0"	55'-7 13/16"	23'-0"	18'-6"	72'-5 1/16"	19'-0"	23'-0"	57'-4 7/8"	18'-0"	17'-0"	62'-2"	75'-1 1/2"	95'-7 13/16"	109'-11 1/2"	98'-4 7/8"	79'-2"	458'-3 11/16"
6E	3797.90'	59'-1 1/8"	16'-0"	17'-0"	55'-7 1/4"	23'-0"	18'-6"	72'-4 13/16"	19'-0"	23'-0"	57'-4 1/8"	18'-0"	17'-0"	62'-1 3/8"	75'-1 1/8"	95'-7 1/4"	109'-10 13/16"	98'-4 1/8"	79'-1 3/8"	458'-0 1/16"

- Notes:
- Load carrying components designated "NTR" shall conform to the Impact Testing Requirements, Zone 2.
 - All diaphragms between girders shall be installed with erection pins and bolts in accordance with the erection plan approved by the Engineer. Individual diaphragms at supports may be temporarily disconnected to install bearing anchor rods.
 - For diaphragm and splice details, Section A-A, and Detail B, see sheet 28 of 53.
 - Girder dimensions, diaphragm spacing, and shear stud spacing are taken along centerline of each individual girder.



USER NAME =
DESIGNED - JAD
CHECKED - DGL
PLOT SCALE =
DRAWN - JAD
PLOT DATE =
CHECKED - DGL

REVISIONS:
REVISOR -
REVISION -
REVISOR -
REVISION -
REVISOR -
REVISION -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FRAMING PLAN AND GIRDER DETAILS
STRUCTURE NO. 039-0075 (E.B.)

SHEET NO. 26 OF 53 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(12-118-1)	JACKSON	200	85
CONTRACT NO. 78056				
ILLINOIS FED. AID PROJECT				