SPAN	GIRDER	L (d to ℄) BEARING	SOUTH END TOP OF WEB ELEV.	SOUTH END ANGLE α	NORTH END TOP OF WEB ELEV.	NORTH END ANGLE β	WEB h_1	WEB t	FLANGE PLATES ①	②	③	④	a	b	BEARING STIFFENER ⑤	c	INTERMEDIATE STIFFENERS d	⑥	SHEAR STUD SPACINGS e	f	g	h	D.L. CAMBER ℄	¼ Δ
A1	G1-A	70'-3 3/8"	69.68	106°-26'-36"	68.26	92°-03'-09"	60"	7/16"	14"x 3/4"	14"x1"	14"x 3/4"	14"x1"	—	70'-3 3/8"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	11 1/16"	—	10 @ 14"	18 @ 15"	2 1/8"	1 9/16"
A2	G1-A	96'-11 3/8"	68.22	92°-19'-01"	65.67	95°-00'-16"	60"	7/16"	14"x 3/4"	18"x 3/4"	14"x1 1/4"	18"x1"	19'-6"	57'-11 3/8"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	10 3/8"	—	15 @ 14"	19 @ 19"	1 9/16"	1 1/16"
A3	G1-A	97'-2 1/2"	65.67	92°-56'-58"	63.28	95°-37'-49"	60"	7/16"	14"x 3/4"	18"x 3/4"	14"x1 1/4"	18"x1"	19'-6"	55'-2 1/2"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	12 1/4"	—	15 @ 14"	19 @ 19"	1 1/2"	1 1/16"
A4	G1-A	97'-10"	63.25	93°-31'-41"	61.03	96°-13'-44"	60"	7/16"	14"x 1/4"	16"x 3/4"	14"x1 1/8"	16"x1"	25'-0"	47'-10"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	—	5 @ 19	12 @ 21"	10 @ 24"	1 3/8"	1"
A4	G2-A	95'-7 7/16"	62.19	91°-36'-57"	59.41	94°-21'-00"	60"	7/16"	14"x 1/4"	16"x 3/4"	14"x1 1/8"	16"x1"	25'-0"	45'-7 7/16"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	7 3/4"	5 @ 19"	11 @ 21"	10 @ 24"	3/4"	9/16"
A5	G1-A	98'-1 7/16"	61.03	93°-39'-56"	58.86	96°-27'-05"	60"	7/16"	14"x 1/4"	16"x 3/4"	14"x1 1/8"	16"x1"	25'-0"	48'-1 7/16"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	5 3/4"	7 @ 19"	10 @ 21"	10 @ 24"	1 1/8"	13/16"
A5	G2-A	95'-7 7/16"	59.37	91°-08'-24"	57.02	93°-55'-35"	60"	7/16"	14"x 3/4"	16"x 3/4"	14"x1 1/8"	16"x1"	25'-0"	45'-7 7/16"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	7 1/2"	5 @ 19"	11 @ 21"	10 @ 24"	1 5/16"	15/16"
A6	G1-A	98'-5 1/8"	59.87	92°-45'-58"	56.58	95°-26'-31"	60"	7/16"	14"x 3/4"	16"x 7/8"	14"x1 1/8"	16"x1"	19'-6"	59'-5 1/8"	6"x 1/2"	2'-6"	6 @ 5'± ①	5"x 5/16"	12 9/16"	—	17 @ 13"	21 @ 11"	1 1/2"	1 1/16"
A6	G2-A	95'-11 3/4"	56.98	91°-26'-15"	54.43	94°-06'-48"	60"	1/2"	14"x 3/4"	16"x 3/4"	14"x1 1/8"	16"x1"	25'-0"	45'-11 3/4"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	9 7/8"	5 @ 19"	11 @ 21"	10 @ 24"	1 7/16"	1"
A7	G1-A	96'-3 7/16"	54.14	91°-25'-40"	51.25	93°-54'-45"	60"	1/2"	14"x 3/4"	16"x 3/4"	14"x1 1/8"	16"x1"	19'-0"	58'-3 7/16"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	11 3/4"	5 @ 19"	11 @ 21"	10 @ 24"	1 7/16"	1"
A8	G1-A	110'-11 5/8"	51.20	90°-43'-22"	48.25	96°-54'-45"	60"	1/2"	14"x 3/4"	14"x 7/8"	14"x 2 1/8"	14"x 2 1/8"	22'-0"	66'-11 5/8"	6 1/2"x 5/8"	2'-6"	2 @ 5'	5"x 5/16"	15 13/16"	4 @ 20"	6 @ 23"	13 @ 24"	1 13/16"	15/16"
A9	G1-B	123'-10"	48.24	84°-26'-18"	45.36	89°-41'-13"	72"	1/2"	16"x 3/4"	16"x 7/8"	16"x1 1/8"	16"x1 1/8"	25'-0"	73'-10"	7 1/2"x 3/4"	3'-0"	6 @ 5'± ①	5"x 5/16"	17"	7 @ 18"	8 @ 21"	18 @ 24"	2"	1 7/16"
A10	G1-B	105'-10 1/16"	45.59	85°-31'-36"	43.19	85°-23'-05"	60"	7/16"	14"x 3/4"	16"x 3/4"	14"x1 1/8"	16"x1 1/8"	25'-0"	53'-10 1/16"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	19"	7 @ 19"	11 @ 21"	10 @ 24"	1 1/2"	1 1/16"
A10	G2-B	103'-11 5/8"	45.35	84°-57'-47"	42.89	84°-49'-13"	60"	7/16"	14"x 3/4"	16"x 3/4"	14"x1 1/8"	16"x1 1/8"	25'-0"	53'-11 5/8"	5"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	19 9/16"	7 @ 19"	11 @ 21"	10 @ 24"	1 5/8"	1 1/8"
5	G3-1	95'-5 5/8"	59.96	91°-29'-07"	57.43	94°-01'-13"	60"	7/16"	12"x 3/4"	14"x 3/4"	12"x1 1/4"	14"x1 1/4"	25'-0	45'-5 5/8"	5 1/2"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	12 5/8"	7 @ 16"	12 @ 19"	11 @ 20"	1"	3/4"
5	G3-2	95'-1"	59.76	90°-20'-53"	57.13	93°-59'-03"	60"	7/16"	12"x 3/4"	14"x 3/4"	12"x1 1/4"	14"x1 1/4"	25'-0	45'-1"	5 1/2"x 1/2"	2'-6"	2 @ 5'	5"x 5/16"	10 1/2"	7 @ 16"	12 @ 19"	11 @ 20"	1 1/2"	1"
6	G3-1	95'-7 7/16"	57.39	90°-38'-59"	54.60	93°-23'-02"	60"	7/16"	14"x 3/4"	14"x 3/4"	14"x1 1/2"	14"x1 1/2"	18'-0"	57'-7 7/16"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	9 3/4"	8 @ 14"	8 @ 16"	18 @ 18"	1 3/4"	1 5/8"
6	G3-2	95'-3 13/16"	57.16	89°-52'-35"	54.48	92°-36'-48"	60"	7/16"	14"x 3/4"	14"x 3/4"	14"x1 1/2"	14"x1 1/2"	19'-0"	57'-3 13/16"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	7 3/8"	8 @ 14"	8 @ 16"	18 @ 18"	1 1/4"	1"
7	G3-1	95'-7 9/16"	54.76	90°-48'-01"	52.19	93°-19'-21"	60"	7/16"	14"x 3/4"	14"x 3/4"	14"x1 1/2"	14"x1 1/2"	19'-0"	57'-7 9/16"	6 1/2"x 5/8"	2'-6"	3 @ 5'	5"x 5/16"	9 13/16"	8 @ 14"	8 @ 16"	18 @ 18"	1"	5/8"

FILE NAME =	USER NAME = rgall	DESIGNED - AMR	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
		DRAWN - AMR	REVISED -	
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - JMH	REVISED -	
	PLOT DATE = 3/28/2011	DATE - MARCH, 2011	REVISED -	

GIRDER SCHEDULE – LOCATION 1
STRUCTURE NO. 016-1113

SCALE: NTS | SHEET NO. 17 OF 40 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2010-127-BP	COOK	160	23
		CONTRACT NO. 60N01		
		ILLINOIS FED. AID PROJECT		

$FILE1$