LOCATION	GIRDER	W_e	L_e	SERIES	TOP PLATE T_1	TOP PLATE W_1	TOP PLATE L_1	TOP PLATE SLOPE	NO. REQ'D	$\Delta\ell$ BEARING
Pier 3 (N) (from section 102)	1	10"	14"	a	$1\frac{7}{8}$"	11"	$19\frac{1}{2}$"	2.1%	1	$1\frac{1}{2}$"
	2,3,4	10"	14"	a	$1\frac{5}{8}$"	11"	16"	2.0%	3	$1\frac{1}{2}$"
	5,6,9,10,11	3"	12"	a	$2\frac{1}{8}$"	10"	15"	2.0%	5	1"
	7,8	7"	12"	c	$2\frac{1}{8}$"	8"	15"	1.8%	2	0"
	12,14-18	7"	12"	b	$2\frac{5}{16}$"	8"	14"	1.9%	6	0"
	13	7"	12"	b	$2\frac{3}{8}$"	8"	14"	2.0%	1	0"
	19	7"	12"	a	$2\frac{13}{16}$"	8"	14"	1.8%	1	0"
	20,21	7"	12"	a	$2\frac{13}{16}$"	8"	14"	1.8%	2	0"
	22	7"	12"	a	$3\frac{1}{16}$"	8"	15"	1.6%	1	0"
Pier 9 (S)	1,20	10"	14"	a	$1\frac{11}{16}$"	11"	16"	0.0%	2	$1\frac{1}{2}$"
	2,3,4	10"	14"	a	$1\frac{5}{8}$"	11"	16"	1.9%	3	$1\frac{1}{2}$"
	5	9"	12"	a	$2\frac{1}{8}$"	10"	$15\frac{1}{2}$"	1.7%	1	1"
	6-9	9"	12"	a	$2\frac{1}{8}$"	10"	15"	1.5%	4	1"
	10-15	9"	12"	a	$2\frac{1}{8}$"	10"	15"	1.2%	6	1"
	16	9"	12"	a	$2\frac{1}{8}$"	10"	15"	0.0%	1	1"
	17-19	10"	14"	a	$1\frac{3}{4}$"	11"	16"	0.0%	3	$1\frac{1}{2}$"
Pier 10 (N)	1	10"	14"	a	$1\frac{11}{16}$"	11"	$19\frac{1}{2}$"	1.6%	1	$1\frac{1}{2}$"
	2	10"	14"	a	$1\frac{11}{16}$"	11"	16"	1.6%	1	$1\frac{1}{2}$"
	3,4	10"	14"	a	$1\frac{11}{16}$"	11"	15"	1.4%	2	$1\frac{1}{2}$"
	5	10"	14"	a	$1\frac{11}{16}$"	11"	16"	1.3%	1	$1\frac{1}{2}$"
	6-9,11-15	10"	14"	a	$1\frac{11}{16}$"	11"	15"	0.0%	12	$1\frac{1}{8}$"
	17-19									
	10,16,20	10"	14"	a	$1\frac{11}{16}$"	11"	$19\frac{1}{2}$"	0.0%	3	$1\frac{1}{2}$"
Pier 12 (S)	1,20	10"	14"	c	$1\frac{3}{8}$"	11"	$19\frac{1}{2}$"	0.0%	2	$2\frac{1}{2}$"
	2-9	10"	14"	a	$1\frac{5}{8}$"	11"	16"	1.7%	8	$2\frac{1}{2}$"
	11-15, 17-19	10"	14"	a	$1\frac{5}{8}$"	11"	16"	1.8%	8	$2\frac{1}{2}$"
	10	10"	14"	a	$1\frac{5}{8}$"	11"	$19\frac{1}{2}$"	1.8%	1	$2\frac{1}{2}$"
	16	10"	14"	a	$1\frac{3}{4}$"	11"	$19\frac{1}{2}$"	1.6%	1	$2\frac{1}{2}$"

LOCATION	GIRDER	W_e	L_e	SERIES	TOP PLATE T_1	TOP PLATE W_1	TOP PLATE L_1	TOP PLATE SLOPE	NO. REQ'D	$\Delta\ell$ BEARING
Pier 13 (S)	1,20	10"	14"	a	$1\frac{9}{16}$"	11"	$19\frac{1}{2}$"	0.0%	2	$2\frac{1}{2}$"
	2-4,11,17-19	10"	14"	a	$1\frac{9}{16}$"	11"	16"	1.7%	7	$2\frac{1}{2}$"
	10	10"	14"	a	$1\frac{9}{16}$"	11"	$19\frac{1}{2}$"	1.7%	1	$2\frac{1}{2}$"
	5,6	9"	12"	b	$1\frac{9}{16}$"	10"	$15\frac{1}{2}$"	1.7%	2	2"
	7-9, 12-15	9"	12"	b	$1\frac{9}{16}$"	10"	15"	1.7%	7	2"
	16	9"	12"	b	$1\frac{9}{16}$"	10"	$19\frac{1}{2}$"	1.7%	1	2"
Pier 14 (S)	1,20	10"	14"	a	$1\frac{9}{16}$"	11"	$19\frac{1}{2}$"	0.0%	2	$2\frac{1}{2}$"
	2-4,7-9, 17-19	10"	14"	a	$1\frac{5}{8}$"	11"	16"	1.8%	9	$2\frac{1}{2}$"
	15,16	9"	12"	b	$1\frac{5}{8}$"	10"	$15\frac{1}{2}$"	1.8%	2	2"
	10	10"	14"	a	$1\frac{5}{8}$"	11"	$19\frac{1}{2}$"	1.8%	1	$2\frac{1}{2}$"
	5,11,12-14	9"	12"	b	$1\frac{5}{8}$"	10"	15"	1.8%	5	2"
	6	9"	12"	b	$1\frac{5}{8}$"	10"	$19\frac{1}{2}$"	1.8%	1	2"
Pier 15 (S)	1,20	10"	14"	a	$1\frac{11}{16}$"	11"	$19\frac{1}{2}$"	0.0%	2	$1\frac{1}{8}$"
	2-5,7-9, 11-19	10"	14"	a	$1\frac{11}{16}$"	11"	15"	1.7%	15	$1\frac{1}{8}$"
	6,10	10"	14"	a	$1\frac{11}{16}$"	11"	$19\frac{1}{2}$"	1.7%	2	$1\frac{1}{2}$"
Pier 16 (N)	1,20	10"	14"	a	$1\frac{11}{16}$"	11"	$19\frac{1}{2}$"	0.0%	2	$1\frac{1}{2}$"
	2-9, 11-15, 17-19	10"	14"	a	$1\frac{11}{16}$"	11"	16"	1.8%	15	$2\frac{1}{2}$"
Pier 16 (N)	10,16	10"	14"	a	$1\frac{1}{2}$"	11"	$19\frac{1}{2}$"	1.8%	2	$1\frac{1}{2}$"
Pier 18 (S)	1,16	11"	16"	b	$1\frac{7}{8}$"	12"	19"	0.0%	2	$1\frac{1}{2}$"
	2 - 15	11"	16"	b	$1\frac{5}{8}$"	12"	19"	2.0%	14	$1\frac{1}{2}$"
Pier 18 (N)	1,16	11"	16"	b	$1\frac{11}{16}$"	12"	19"	0.0%	2	$1\frac{1}{2}$"
	2, 3,6-11, 14,15	11"	16"	b	$1\frac{1}{2}$"	12"	19"	0.0%	10	$1\frac{1}{2}$"
	4,5,12,13	10"	14"	b	$1\frac{1}{2}$"	11"	19"	0.0%	4	1"
Pier 20 (S)	1	12"	18"	d	$1\frac{5}{8}$"	13"	20"	1.9%	1	2"
	4,5	12"	18"	d	$1\frac{5}{8}$"	13"	20"	1.9%	2	1"
	6-11	12"	18"	c	$1\frac{5}{8}$"	13"	20"	1.9%	6	$1\frac{1}{2}$"
	12,13	9"	12"	b	$1\frac{7}{8}$"	10"	19"	1.9%	2	$1\frac{1}{2}$"
	14-16	10"	14"	a	$1\frac{9}{16}$"	11"	19"	1.9%	3	1"
Pier 22 (S)	1	14"	20"	a	$1\frac{11}{16}$"	$18\frac{1}{2}$"	24"	1.5%	1	$2\frac{1}{4}$"
	2-4, 6-8	14"	20"	a	$1\frac{11}{16}$"	$18\frac{1}{2}$"	24"	1.5%	6	$2\frac{1}{4}$"
	5	12"	18"	a	$1\frac{1}{2}$"	$18\frac{1}{2}$"	22"	0.0%	1	$2\frac{1}{4}$"

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

*FILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPE I ELASTOMERIC EXPANSION BEARING SCHEDULE – LOCATION 2
STRUCTURE NO. 016-1115

SCALE: NTS | SHEET NO. 32 OF 37 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2010-127-BP	COOK	160	78
		CONTRACT NO. 60N01		
	ILLINOIS FED. AID PROJECT			