F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	2003-028F	COOK	419	343
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62580

ROUTE NO	SEC	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 94	2-2128.3 (N & SB)	COOK	152	131
FED. ROAD DIST NO. 0	ILLINOIS	FED. AID PROJECT I-94-2(123)-62		

P C

SPAN	GIRDER	SOUTH END DATA ELEVATION	SOUTH END DATA ANGLE	NORTH END DATA N	NORTH END DATA ELEVATION	NORTH END DATA ANGLE	GIRDER DIMENSIONS LENGTH @ BRGS.	A	B	C	Δ (%) CONCRETE	Δ (%) CONCRETE	WEB PLATE	FLANGE PLATES 1	2	3	4	5	6	CAMBER	SHEAR CONNECTOR SPACINGS a	b	c	d	INTERIOR WEB STIFFENER SPACINGS e	f	g	GIRDER	REMARKS
C-1	GC-1	88.77	90°-00'-18"	6'-2"	63.94	90°-00'-18"	90'-6 3/16"	8'-6"	8'-7"	96'-6 15/16"	.115	.133	60"x3/8"	14"x3/4"	14"x3/4"	14"x1"	18"x1 1/4"	24"x1 1/4"	18"x1 3/8"	3 1/8"	2'-2 3/8"	10@14"	6@18"	22@21"	2'-4 1/8"	6@8"	8@8"	GC-1	
	GC-2	88.18	89-58-51	7-3 1/2	63.19	89-58-59	90-1 1/8	8'-11	7-8	93-8 1/4	.067	.077	"	24x3/4	18x1/4	28x3/8	18x1	24x3/4	18x1 1/8	2 3/8	0-10 3/8	10@14	6@18	22@24	2-4 1/8	6@8	10@8	GC-2	
	GC-3	88.19	89-06-13	7-3 1/2	63.71	89-06-13	89-5	"	"	92-1	"	"	"	"	"	"	"	"	"	"	0-8 1/2	10@15	"	22@24	3-8 1/2	"	"	GC-3	
	GC-4	88.76	89-09-44	6-3	62.29	89-09-44	88-8 13/16	"	"	88-8 13/16	"	"	"	"	"	"	"	"	"	"	1-2 7/16	10@16	"	"	2-8 7/16	"	"	GC-4	
	GC-5	88.48	89-14-25		61.88	89-14-25	88-1 1/4	"	8-7	83-1 3/8	.108	.122	"	"	"	"	"	28x7/8	"	2 3/8	0-10 7/8	"	"	"	3-4 7/8	"	"	GC-5	
C-2	GC-1	83.18	N89-25-57	7-3	59.88	N89-25-57	89-7 7/8	9'-3	9-7	81-11 7/8	.118	.136	60x3/8	18x3/4	18x1/4	24x1 1/8	18x1 1/8	24x1 3/8	18x1 1/8	2 3/8	0-4 15/16	10@19	11@17	22@24	2-8 15/16	8@8	7@8	GC-1	
	GC-2	83.19	89-52-16	7-6 1/4	59.35	89-52-16	89-2 3/8	9-3	9-7	81-5 3/8	.080	.094	"	"	"	28x3/4	"	24x1	"	3	1-0 9/16	10@12	"	"	3-1 3/16	"	"	GC-2	
	GC-3	83.70	"	7-6 1/4	59.01	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-3	
	GC-4	82.22	"	7-3	58.63	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-4	
	GC-5	81.72	88-53-13		58.27	88-52-18	89-2 3/8	"	"	"	.118	.138	"	"	"	24x1 1/8	"	24x1 1/8	"	3 3/8	"	"	"	"	"	"	"	GC-5	
C-3	GC-1	59.71	188-10-09	7-0	56.86	188-10-09	89-8 7/8	10-0	7-8	86-3 7/8	.124	.142	60x1/2	24x3/8	24x1/4	24x7/8	18x1	28x1 1/8	18x1 1/4	3 3/8	0-10 15/16	10@18	-	22@24	2-2 15/16	6@8	12@8	GC-1	
	GC-2	59.55	88-18-12	7-3 3/4	56.67	88-18-12	88-3 15/16	13-0	8-8	82-7 15/16	.071	.081	"	"	"	28x3/4	18x7/8	28x3/8	18x1	2 3/4	0-8	"	"	"	3-5	3@8	"	GC-2	
	GC-3	59.39	88-15-59	"	56.46	88-15-59	92-10 13/16	"	"	82-2 13/16	"	"	"	"	"	"	"	"	"	"	1-2 7/16	9@19	"	"	3-2 7/16	"	"	GC-3	
	GC-4	59.16	88-11-35	"	56.22	88-11-35	92-7 1/8	"	"	82-11 1/8	"	"	"	"	"	"	"	"	"	"	1-0 9/16	"	"	"	3-0 9/16	"	"	GC-4	
	GC-5	58.95	88-06-38	7-3 3/4	56.01	88-06-38	92-06-18	8'-5 15/16	"	84-8 15/16	"	"	"	"	"	"	"	"	"	"	0-11 7/16	"	"	"	3-11 7/16	"	"	GC-5	
	GC-6	58.63	"	7-0	55.76	"	"	88-1	8-3	88-8 15/16	.077	.089	"	"	"	"	28x1 1/8	"	28x1 3/8	"	1-0 7/16	10@14	7@18	22@24	3-8 7/16	5@8	9@8	GC-6	
	GC-7	58.26	88-06-38		55.56	88-06-38	92-8 15/16	10-1	7-8	84-10 15/16	.126	.142	"	"	"	28x7/8	"	24x1 1/8	"	3 3/8	"	"	"	"	"	"	"	GC-7	
C-4	GC-1	56.59	188-09-58	7-0 1/2	54.96	188-09-58	89-8 13/16	10-9	7-8	58-3 15/16	.126	.142	60x1/2	28x1/4	28x3/4	28x7/8	28x1	28x1 1/8	28x1 3/4	3 1/8	0-10 15/16	10@18	-	21@24	2-2 15/16	6@8	12@8	GC-1	
	GC-2	56.47	88-27-26	7-8 1/2	54.30	88-27-26	93-1 1/16	13-8	8-9	82-9 5/16	.074	.084	"	"	"	24x3/4	18x7/8	24x3/4	28x1	2 3/4	0-9 3/16	"	"	"	3-5 3/16	3@8	"	GC-2	
	GC-3	56.36	88-19-50	"	54.20	88-19-50	92-10 13/16	"	"	82-2 15/16	"	"	"	"	"	"	"	"	"	"	1-2 1/2	9@19	"	"	3-2 1/2	"	"	GC-3	
	GC-4	56.27	88-11-12	"	54.05	88-11-12	92-7 1/8	"	"	82-11 1/8	"	"	"	"	"	"	"	"	"	"	1-0 9/16	"	"	"	3-0 9/16	"	"	GC-4	
	GC-5	56.18	88-01-52	"	53.90	88-01-52	92-6 13/16	"	"	84-8 13/16	"	"	"	"	"	"	"	"	"	"	0-11 7/16	"	"	"	3-11 7/16	"	"	GC-5	
	GC-6	56.07	88-02-11	"	53.76	88-02-11	92-6 1/8	10-1	8-3	85-8 1/8	.077	.089	"	"	"	"	28x1 1/8	"	28x1 3/8	"	1-0 1/16	10@16	7@18	23@24	3-8 1/16	5@8	9@8	GC-6	
	GC-7	55.90	"	"	53.62	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-7	
	GC-8	55.74	"	7-8 1/2	53.46	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-8	
	GC-9	55.55	88-03-11	7-0	53.30	88-03-11	92-6 1/8	"	7-6	87-6 1/8	.118	.136	"	"	"	"	28x7/8	"	28x1 1/8	"	3 1/4	"	"	"	"	"	"	GC-9	
C-5	GC-1	54.70	188-19-18		51.90	188-19-18	100-1 1/8	8-10	10-1	82-1 1/8	.113	.129	60x1/2	24x1/4	24x3/4	24x1 1/4	18x1 3/8	24x1 1/2	18x1 5/8	3 1/4	0-10 9/16	10@14	6@8	28@24	2-4 9/16	5@8	11@8	GC-1	
	GC-2	54.64	98-37-27	7-8 1/2	51.78	98-37-27	99-7 1/2	10-0	8-11	86-9 1/2	.083	.095	"	"	"	28x3/4	18x1 1/8	24x7/8	18x1 3/8	3	1-0 3/4	9@15	"	"	3-1 3/4	"	"	GC-2	
	GC-3	54.57	98-29-22	"	51.59	98-29-22	99-1 5/8	"	"	86-3 5/8	"	"	"	"	"	"	"	"	"	"	0-9 13/16	"	"	"	3-10 13/16	"	"	GC-3	
	GC-4	54.50	98-22-12	"	51.47	98-22-12	98-9 1/8	"	"	85-11 3/8	"	"	"	"	"	"	"	"	"	"	0-7 11/16	"	"	"	3-8 11/16	"	"	GC-4	
	GC-5	54.43	98-15-17	"	51.37	98-15-17	98-6 7/8	"	"	85-8 7/8	"	"	"	"	"	"	"	"	"	"	0-6 7/16	"	"	"	3-7 7/16	"	"	GC-5	
	GC-6	54.26	98-08-02	8-0	51.05	98-08-02	98-6	27-6	-	63-6	.080	.093	"	"	"	"	-	-	18x3/4	18x3/4	3 1/8	1-1	-	-	18@24	1-8	-	19@8	GC-6	
	GC-7	54.16	"	3-0	50.79	"	"	"	-	"	"	"	"	"	"	"	-	-	"	"	"	"	-	-	"	"	"	GC-7	
	GC-8	53.92	"	7-3 3/4	50.70	"	"	9-8	9-8	81-2	.098	.115	"	"	"	"	18x1 1/8	18x7/8	18x1 1/2	"	0-6	9@14	3@18	24@24	2-5	7@ 8@	9@8	GC-8	
	GC-9	53.77	"	"	50.55	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-9	
	GC-10	53.63	"	"	50.41	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-10	
	GC-11	53.48	"	7-3 3/4	50.26	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	GC-11	
	GC-12	53.30	98-09-00	7-0	51.08	98-09-00	98-6	"	"	"	.118	.130	"	"	"	24x1 1/8	"	24x1 3/8	"	1 1/8	"	"	"	"	"	"	"	GC-12	
C-6	GC-1	51.73	98-03-42		49.89	98-03-42	97-2 5/16	10-5	6-9	84-4 5/16	.101	.116	60x3/8	24x1/4	24x1/4	24x3/4	18x1	24x1	18x1 3/4	3	0-6 1/8	11@13	10@17	17@24	2-7 1/8	6@7	7@8	GC-1	
	GC-2	51.59	98-23-08	7-6	49.58	98-23-08	97-2 1/8	"	"	84-4 1/8	.065	.074	"	"	"	"	"	24x3/4	"	2 3/4	0-6 1/16	"	"	"	2-7 1/16	"	"	GC-2	
	GC-3	51.43	98-01-59	7-6	49.44	98-01-59	97-1 7/8	"	"	84-3 7/8	"	"	"	"	"	"	"	"	"	"	0-5 15/16	"	"	"	2-6 15/16	"	"	GC-3	
	GC-4	51.26	98-00-37	7-6	49.28	98-00-37	97-1 3/4	"	"	84-3 3/4	"	"	"	"	"	"	"	"	"	"	0-5 7/8	"	"	"	2-6 7/8	"	"	GC-4	
	GC-5	51.09	98-00-00	7-0	49.11	98-00-00	97-11 15/16	"	"	84-3 11/16	.101	.118	"	"	"	"	18x1	"	"	3	"	"	"	"	2-6 13/16	"	"	GC-5	

CITY OF CHICAGO
DEPARTMENT OF PUBLIC WORKS
BUREAU OF ENGINEERING
SOUTH ROUTE SUPERHIGHWAY

SECTION NO. 2-2128.3- SB
2-2128.3- NB

CHICAGO RIVER TO W. CERMAK RD.

SIMPLE SPAN GIRDER SCHEDULE

BOWMAN, BARRETT & ASSOCIATES INC.
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FOR INFORMATION ONLY

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
NB DAN RYAN ELEVATED BRIDGE
REPAIR FROM 15TH TO 28TH STREETS
EXISTING PLAN INFORMATION
SN 016-1113

SCALE: NTS — DRAWN BY: BDC
DATE: 7/22/2005 — CHECKED BY: BLU

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