

1:/1995/95088/douglas/reinf.dgn
drawn by: ras
plotted by: ras 9-4-97

MARK	BEND	SIZE	NO.	LENGTH	a	b	c	d	e	f
ABUTMENT NO. 1 - SUBSTRUCTURE (NON-EPOXY COATED)										
AF1	STR	8	8	47'-10"						
AF2	STR	8	8	33'-1"						
AF3	STR	8	8	18'-6"						
AF4	STR	6	44	47'-2"						
AF5	STR	5	116	14'-5"						
AF6	C	5	172	7'-0"	2'-8"	2'-2"	2'-2"			
AF7	J	4	100	8'-7"	1'-6"	5'-7"	1'-6"		2	1
AF8	STR	6	12	32'-5"						
AF9	C	4	40	2'-4"	1'-0"	8"	8"			
AF10	C	4	30	2'-4"	1'-0"	8"	8"			
AF11	STR	4	10	4'-4"						
AF12	C	4	35	2'-4"	0'-6"	11"	11"			
AF13	C	4	12	3'-3"	1'-11"	8"	8"			
AF14	C	4	10	3'-3"	1'-11"	8"	8"			
AF15	C	4	10	2'-6"	1'-2"	8"	8"			
AF16	STR	5	20	13'-3"						
AF17	STR	5	36	12'-5"						
AF18	C	4	26	4'-8"	2'-8"	1'-0"	1'-0"			
AF19	STR	8	8	9'-0"						
AD1	E	8	12	26'-3"	24'-5"	11"	11"		6"	
AD2	STR	6	72	3'-7"						
AD3	A	4	24	11'-8"	1'-7"	3'-7"	8"			
AD4	C	4	48	2'-11"	1'-7"	8"	8"			
ABUTMENT NO. 2 - SUBSTRUCTURE (NON-EPOXY COATED)										
AF1	STR	8	8	47'-10"						
AF2	STR	8	8	33'-1"						
AF3	STR	8	8	18'-6"						
AF4	STR	6	44	47'-2"						
AF5	STR	5	116	14'-1"						
AF6	C	5	172	7'-0"	2'-8"	2'-2"	2'-2"			
AF7	J	4	100	8'-7"	1'-6"	5'-7"	1'-6"		2	1
AF8	STR	6	12	32'-5"						
AF9	C	4	40	2'-4"	1'-0"	8"	8"			
AF10	C	4	30	2'-4"	1'-0"	8"	8"			
AF11	STR	4	10	4'-4"						
AF12	C	4	35	2'-4"	6"	11"	11"			
AF13	C	4	12	3'-3"	1'-11"	8"	8"			
AF14	C	4	10	3'-3"	1'-11"	8"	8"			
AF15	C	4	10	2'-6"	1'-2"	8"	8"			
AF16	STR	5	20	13'-0"						
AF17	STR	5	36	12'-3"						
AF18	C	4	26	4'-8"	2'-8"	1'-0"	1'-0"			
AF19	STR	8	8	9'-0"						
AD1	E	8	12	26'-3"	24'-5"	11"	11"		6"	
AD2	STR	6	72	3'-7"						
AD3	A	4	24	11'-8"	1'-7"	3'-7"	8"			
AD4	C	4	48	2'-11"	1'-7"	8"	8"			

MARK	BEND	SIZE	NO.	LENGTH	a	b	c	d	e	f
PIER NO. 1 - SUBSTRUCTURE - (NON-EPOXY COATED)										
PF3	B	7	84	8'-5"	7'-3"	1'-2"				
PF4	STR	9	18	20'-5"						
PF5	STR	9	50	6'-8"						
PC1	STR	7	54	22'-6"						
PC2	STR	7	30	21'-9"						
PC3	STR	6	88	11'-2"						
PC4	PC4	6	90	14'-6"						
PC5	C	4	132	6'-1"	4'-7"	9"	9"			
PC6	C	4	44	5'-8"	4'-2"	9"	9"			
PC7	STR	6	4	8'-6"						
PC8	L	4	84	4'-2"	8"	9"	1'-0"	1'-0"	9"	
PC9	STR	4	8	21'-0"						
PG2	C	4	48	3'-0"	1'-8"	8"	8"			
PIER NO. 2 - SUBSTRUCTURE - (NON-EPOXY COATED)										
PF1	STR	9	22	42'-8"						
PF2	STR	9	102	8'-8"						
PF3	B	7	288	8'-5"	7'-3"	1'-2"				
P1	STR	7	176	22'-3"						
P2	STR	7	70	22'-3"						
P3	STR	7	48	28'-6"						
P4	B	7	42	28'-5"	27'-3"	1'-2"				
P5	P5	6	92	19'-6"						
P6	STR	6	92	30'-0"						
P7	C	5	384	9'-1"	7'-7"	9"	9"			
P8	C	5	48	8'-5"	6'-11"	9"	9"			
P9	C	5	48	6'-3"	4'-9"	9"	9"			
P10	C	5	16	8'-2"	4'-2"	2'-0"	2'-0"			
P11	C	5	4	10'-6"	3'-8"	3'-5"	3'-5"			
P12	STR	6	48	38'-9"						
P13	STR	6	24	41'-9"						
P14	L	4	176	4'-2"	8"	9"	1'-0"	1'-0"	9"	
P15	STR	4	8	45'-0"						
P16	C	5	14	8'-10"	3'-8"	2'-7"	2'-7"			
PB1	STR	5	10	31'-3"						
PB2	B	5	8	8'-3"	7'-6"	9"				
PB3	B	5	8	12'-4"	11'-0"	1'-4"				
PB4	C	4	10	6'-2"	3'-8"	1'-3"	1'-3"			
PB5	C	4	16	6'-8"	3'-8"	1'-6"	1'-6"			
PB6	STR	6	4	8'-6"						
PB7	STR	6	4	15'-0"						
PB8	STR	6	4	25'-0"						
PB9	STR	6	4	28'-0"						
PB10	STR	11	54	30'-8"						
PB11	STR	9	18	48'-0"						
PB12	STR	9	9	60'-0"						
PB13	STR	8	27	16'-0"						
PB14	STR	6	4	24'-3"						
PB15	C	5	472	8'-8"	1'-2"	3'-9"	3'-9"			
PB16	C	3	78	2'-11"	1'-5"	9"	9"			
PG1	C	4	8	2'-10"	1'-6"	8"	8"			
PG2	C	4	56	3'-0"	1'-8"	8"	8"			
PG3	C	4	25	5'-7"	4'-3"	8"	8"			
PG4	C	4	50	3'-2"	1'-10"	8"	8"			

MARK	BEND	SIZE	NO.	LENGTH	a	b	c	d	e	f
PIER NO. 4 - SUBSTRUCTURE - (NON-EPOXY COATED)										
PF3	B	7	84	8'-5"	7'-3"	1'-2"				
PF4	STR	9	18	20'-5"						
PF5	STR	9	50	6'-8"						
PC1	STR	7	54	22'-6"						
PC2	STR	7	30	21'-9"						
PC3	STR	6	88	11'-2"						
PC4	PC4	6	90	14'-6"						
PC5	C	4	132	6'-1"	4'-7"	9"	9"			
PC6	C	4	44	5'-8"	4'-2"	9"	9"			
PC7	STR	6	4	8'-6"						
PC8	L	4	84	4'-2"	8"	9"	1'-0"	1'-0"	9"	
PC9	STR	4	8	21'-0"						
PG2	C	4	48	3'-0"	1'-8"	8"	8"			
PIER NO. 3 - SUBSTRUCTURE - (NON-EPOXY COATED)										
PF1	STR	9	22	42'-8"						
PF2	STR	9	102	8'-8"						
PF3	B	7	288	8'-5"	7'-3"	1'-2"				
P1	STR	7	176	22'-3"						
P2	STR	7	70	22'-3"						
P3	STR	7	48	28'-6"						
P4	B	7	42	28'-5"	27'-3"	1'-2"				
P5	P5	6	92	19'-6"						
P6	STR	6	92	30'-0"						
P7	C	5	384	9'-1"	7'-7"	9"	9"			
P8	C	5	48	8'-5"	6'-11"	9"	9"			
P9	C	5	48	6'-3"	4'-9"	9"	9"			
P10	C	5	16	8'-2"	4'-2"	2'-0"	2'-0"			
P11	C	5	4	10'-6"	3'-8"	3'-5"	3'-5"			
P12	STR	6	48	38'-9"						
P13	STR	6	24	41'-9"						
P14	L	4	176	4'-2"	8"	9"	1'-0"	1'-0"	9"	
P15	STR	4	8	45'-0"						
P16	C	5	14	8'-10"	3'-8"	2'-7"	2'-7"			
PB1	STR	5	10	31'-3"						
PB2	B	5	8	8'-3"	7'-6"	9"				
PB3	B	5	8	12'-4"	11'-0"	1'-4"				
PB4	C	4	10	6'-2"	3'-8"	1'-3"	1'-3"			
PB5	C	4	16	6'-8"	3'-8"	1'-6"	1'-6"			
PB6	STR	6	4	8'-6"						
PB7	STR	6	4	15'-0"						
PB8	STR	6	4	25'-0"						
PB9	STR	6	4	28'-0"						
PB10	STR	11	54	30'-8"						
PB11	STR	9	18	48'-0"						
PB12	STR	9	9	60'-0"						
PB13	STR	8	27	16'-0"						
PB14	STR	6	4	24'-3"						
PB15	C	5	472	8'-8"	1'-2"	3'-9"	3'-9"			
PB16	C	3	78	2'-11"	1'-5"	9"	9"			
PG1	C	4	8	2'-10"	1'-6"	8"	8"			
PG2	C	4	56	3'-0"	1'-8"	8"	8"			
PG3	C	4	25	5'-7"	4'-3"	8"	8"			
PG4	C	4	50	3'-2"	1'-10"	8"	8"			

LEGEND
STR=Straitght bar

See Sht. No. C75 for Bending Diagrams

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No.	Revisions	By	Date
CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER DOUGLAS AVENUE BRIDGE OVER ARKANSAS RIVER REINFORCING DETAILS-SUBST. CITY OF WICHITA PROJECT NO. 472-82721 PROFESSIONAL ENGINEERING CONSULTANTS,P.A. ENGINEERS WICHITA, KANSAS			
Designed by	P.D.F.	Checked by	R.A.S.
Drawn by	R.A.S.	Date	Sept. 1997
		Job No.	95088-4