

Plotted By : svb
 Plot File : \\1987\97362\001\bridge\cowskin\eastbound\reinsteelb
 Plot Date : 3-27-2002
 Std. Base File : /usr7/shslab/br60/bsi.dgn
 Server File : /usr2/
 Server : witch
 View: PLOT4

BILL OF REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
Abutment No. 1 (Non-Epoxy)							
Superstructure (Epoxy)							
AB1	25	4	11 930	AB2	13	32	3290
AB3	13	1	11 930	AB9	16	17	1970
AB4	19	12	1090	AB10	13	42	1505
AB5	19	18	1480	AS1	16	42	1130
AB6	19	6	560	AW1	19	18	2460
AB7	19	4	370	AW4	16	24	4990
AB8	19	5	11 930				
AB11	19	14	1500				
AW2	13	8	1040				
AW3	13	60	1340				
Sub-structure (Non-Epoxy)							
AF1	25	4	11 930	AF4	13	32	4310
AF2	22	4	11 930	AF5	13	20	2430
AF3	19	6	11 930	AF8	16	10	2200
AF6	16	17	1500	AF9	19	10	1790
AF7	13	14	950	AF10	13	8	Var.
Abutment No. 2 (Epoxy)							
Superstructure (Epoxy)							
AB11	19	18	1500	AB2	13	51	3290
AB12	25	4	17 530	AB9	16	26	1970
AB13	13	2	8950	AB10	13	73	1505
AB14	19	8	1400	AB25	13	6	1350
AB15	19	12	1790	AS1	16	73	1130
AB16	19	2	1310				
AB17	19	3	1700				
AB18	19	6	1230				
AB19	19	9	1620				
AB20	19	2	560				
AB21	19	3	950				
AB22	19	2	220				
AB23	19	3	610				
AB24	19	5	17 530				
AW2	13	4	1040	AW1	19	9	2460
AW3	13	30	1340	AW4	16	12	4990
AF6	16	34	1500	AF8	16	7	2200
AF11	25	4	17 530	AF9	19	7	1790
AF12	22	4	17 530	AF14	13	43	5330
AF13	19	10	17 530	AF15	13	46	2950
AF16	13	22	1350	AF17	13	7	1350
				AF18	13	4	Var.
Pier No. 1 (Non-Epoxy)(Subst.)							
Pier Beam							
PB2	29	2	11 030	PB1	16	68	2950
PB3	29	2	11 700	PB8	16	4	2020
PB4	19	6	11 030	PB9	19	10	2350
PB5	29	2	11 900	PB10	16	4	1800
PB6	29	2	11 700	PB12	16	4	2840
PB7	29	2	11 030				
PB11	29	2	11 900				
PB36	19	52	1000				
Column/Footing							
PC1	29	30	5820	PS1	9.5 Dia.	3	4750
PF1	22	52	1910	PF4	29	30	2830
PF2	22	14	1680				
PF3	22	11	2110				
W1	16	40	4000				
W2	16	56	3220				
W3	16	40	1030				
W4	16	20	2040				

BILL OF REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
Pier No. 2 (Non-Epoxy)(Subst.)							
Pier Beam							
PB13	29	2	11 690	PB1	16	72	2950
PB14	29	2	12 360	PB8	16	4	2020
PB15	29	2	12 560	PB9	19	10	2350
PB16	29	2	11 690	PB10	16	4	1800
PB17	29	2	12 360	PB12	16	4	2840
PB18	29	2	12 560				
PB19	19	6	11 690				
PB36	19	64	1000				
Column/Footing							
PC2	29	30	6420	PS2	9.5 Dia.	3	5350
PF1	22	52	1910	PF4	29	30	2830
PF2	22	14	1680				
PF3	22	11	2110				
W5	16	48	4200				
W6	16	56	3820				
W3	16	48	1030				
W4	16	24	2040				
Pier No. 3 (Non-Epoxy)(Subst.)							
Pier Beam							
PB20	29	2	12 730	PB8	16	4	2020
PB21	29	2	13 400	PB9	19	10	2350
PB22	29	2	13 600	PB10	16	4	1800
PB23	29	2	13 600	PB12	16	4	2840
PB24	29	2	13 400	PB34	16	76	2970
PB25	29	2	12 730				
PB26	19	6	12 730				
PB36	19	56	1000				
Column/Footing							
PC3	29	30	6420	PS3	9.5 Dia.	3	5350
PF1	22	52	1910	PF4	29	30	2830
PF2	22	14	1680				
PF3	22	11	2110				
W7	16	48	4700				
W8	16	64	3820				
W3	16	48	1030				
W4	16	24	2040				
Pier No. 4 (Non-Epoxy)(Subst.)							
Pier Beam							
PB27	29	2	14 230	PB8	16	4	2020
PB28	29	2	14 900	PB9	19	10	2350
PB29	29	2	15 100	PB10	16	4	1800
PB30	29	2	14 230	PB12	16	4	2840
PB31	29	2	14 900	PB34	16	50	2970
PB32	29	2	15 100	PB35	16	50	3010
PB33	19	6	14 230				
PB36	19	68	1000				
Column/Footing							
PC4	29	30	5820	PS4	9.5 Dia.	3	4750
PF1	22	66	1910	PF4	29	30	2830
PF3	22	13	2110				
W9	16	40	5300				
W10	16	72	3220				
W3	16	40	1030				
W4	16	20	2040				

BILL OF REINFORCING STEEL							
Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
Superstructure (Epoxy Coated)							
Diaphragms, Slab and Rail							
D2	19	120	1200	D1	13	120	3870
D3	13	36	1520	D6	13	24	2280
D4	19	24	1120				
D5	13	16	640				
D7	13	36	1620				
D8	19	24	1230				
D9	13	48	1790				
D10	19	32	1400				
D11	13	6	1780	L1	16	8	1920
D12	19	4	1390	L2	16	4	1700
D13	13	9	1100	L3	13	4	2030
D14	19	6	710	C1	13	21	980
D15	13	12	1360	C3	13	11	1020
D16	19	8	970	S1	16	102	4500
D17	13	3	2080	S2	16	104	5800
D18	19	2	1690	R1	22	57	2830
D19	13	6	910	R2	22	4	1700
D20	19	4	520	R3	22	563	2340
S3	16	104	11 740	R4	13	563	1070
S4	16	193	11 300	R5	16	8	1990
S5	19	189	11 300	R6	16	8	3250
S6	16	154	11 300	R7	13	4	3240
S7	16	48	18 280	R8	10	987	1340
S8	16	269	14 800	R9	10	556	1340
S9	16	66	18 280	R10	10	146	1360
T1	16	550	3600	SP1	16	350	1370
T2	16	110	9250	T3	16	111	Var.
T7	13	674	6580	T4	16	111	Var.
T8	13	134	6120	T5	19	111	Var.
C2	13	6	5900	T6	16	107	Var.
C4	13	2	2900	T9	13	136	Var.
R11	19	12	2440	T10	13	136	Var.
R12	19	426	2900	T11	16	136	Var.
R13	19	12	2830	T12	13	132	Var.

See Reinforcing Bending Diagram for details.

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NO.	DATE	REVISIONS	BY	APP'D	
CITY OF WICHITA					
Br. No. 54-87-19.29(492)F.E.B.Sta. 16+005.740					
BILL OF REINFORCING STEEL					
Sedgwick County					
SHEET NO.	OF	SCALE	APP'D		
DESIGNED	DRT	DETAILED	DRT	QUANTITIES	CADD
DESIGN CK.	SMS	DETAIL CK.	QUAN. CK.	CADD CK.	GFK