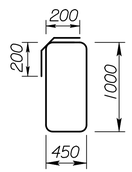
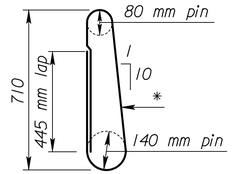
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	54-87 K-6657-01	2002	605	1122

BILL OF REINFORCING STEEL
Grade 420

		Straight Bars				Bent Bars			
		Mark	Size	Number	Length	Mark	Size	Number	Length
Abutment No. 1 (Epoxy)	Superstructure	AB1	25	4	17 800	AB4	19	7	Varies
		AB2	16	18	Varies	AB5	16	74	3580
		AB3	16	15	2960	AB9	19	7	Varies
		AB6	19	24	3000	AB10	16	48	3300
		AB7	19	24	Varies	AB11	16	55	1920
		AB8	19	7	17 800	AB12	13	8	3220
		AB13	16	7	2180				
		*AB13	16	1	2180				
		*AB14	13	8	500				
	Substructure	AF1	25	4	18 200	AF4	13	22	1420
		AF2	25	4	18 200	AF5	13	22	2800
		AF3	19	40	18 200	AF6	16	68	2020
		AF8	16	134	Varies	AF7	16	68	2020
		AF10	16	8	6410	AF9	13	160	1730
		*AF10	16	1	6410	AD1	25	8	7470
		AD2	19	48	1090	AD3	13	16	3300
		*AF11	13	22	500	AD4	13	32	850
		AF12	13	8	1380	AF13	13	32	860
		CW1	16	26	6960	CW5	16	136	900
		CW2	16	26	6270				
		CW3	16	23	7720	GP1	13	48	1030
		CW4	16	21	7720	GP2	13	48	1050
		CW6	19	1	6960				
		CW7	19	1	6270				
		CW8	16	4	2000				
		CW9	16	8	900				
Abutment No. 2 (Epoxy)	Superstructure	AB1	25	4	17 800	AB4	19	7	Varies
		AB2	16	18	Varies	AB5	16	74	3580
		AB3	16	15	2960	AB9	19	7	Varies
		AB6	19	24	3000	AB10	16	48	3300
		AB7	19	24	Varies	AB11	16	55	1920
		AB8	19	7	17 800	AB12	13	8	3220
		AB13	16	7	2180				
		*AB13	16	1	2180				
		*AB14	13	8	500				
	Substructure	AF1	25	4	18 200	AF4	13	22	1420
		AF2	25	4	18 200	AF5	13	22	2800
		AF3	19	40	18 200	AF6	16	68	2020
		AF8	16	134	Varies	AF7	16	68	2020
		AF10	16	8	6410	AF9	13	160	1730
		*AF10	16	1	6410	AD1	25	8	7470
		AD2	19	48	1090	AD3	13	16	3300
		*AF11	13	22	500	AD4	13	32	850
		AF12	13	8	1380	AF13	13	32	860
		CW1	16	26	6960	CW5	16	136	900
		CW2	16	26	6270				
		CW3	16	23	7720	GP1	13	48	1030
		CW4	16	21	7720	GP2	13	48	1050
		CW6	19	1	6960				
		CW7	19	1	6270				
		CW8	16	4	2000				
		CW9	16	8	900				

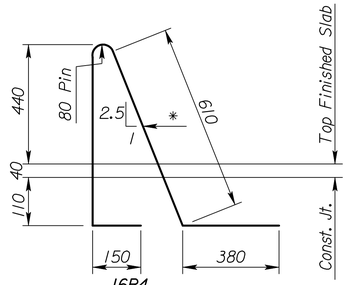


AD3

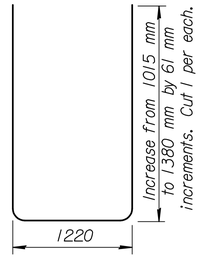


16R2

* Traffic side



16R4



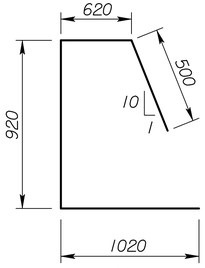
AB4

Increase from 1400 mm to 2150 mm by 150 mm increments. Cut 4 per each.

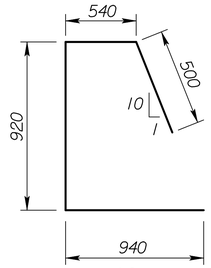
AB7

Increase from 5780 mm to 6110 mm by 5 mm increments. Cut 2 per each.

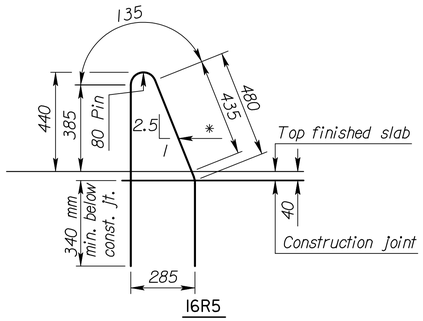
AF8



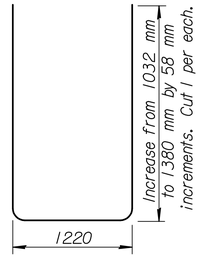
L1



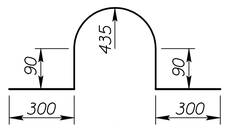
L2



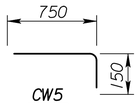
16R5



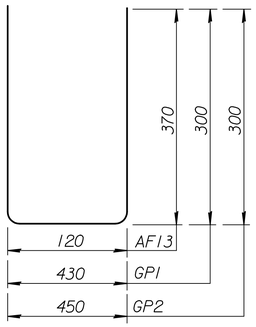
AB9



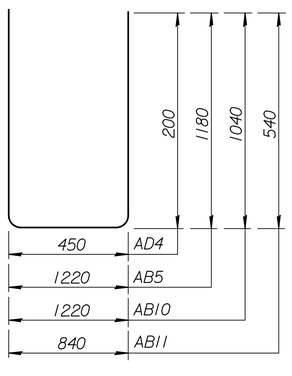
L3



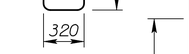
CW5



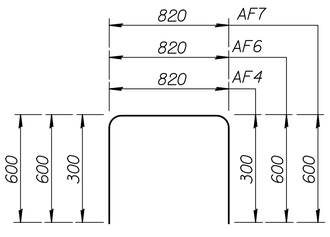
AF13, GP1, GP2



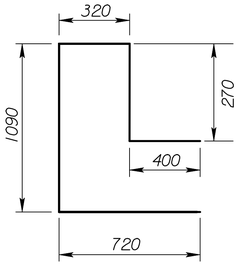
AB5, AB10, AB11, AD4



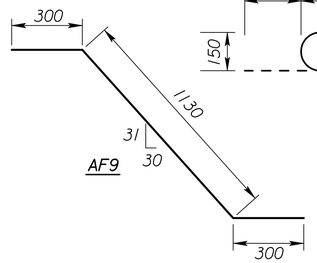
AB12



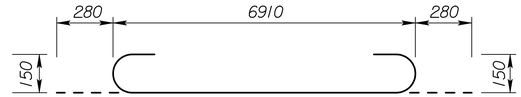
AF4, AF6, AF7



AF5



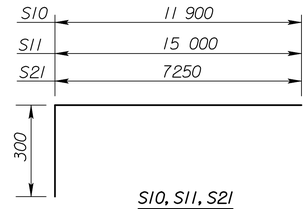
AF9



AD1

Increase from 2200 mm to 2950 mm by 150 mm increments. Cut 3 per each.

AB2



S10, S11, S21

		Superstructure (Epoxy) Diaphragm, Slab and Rails							
		S1	16	64	17 400				
		S2	16	64	9600	L1	16	4	3060
		S3	16	64	18 300	L2	16	4	2900
		S4	16	64	18 300	L3	13	8	2150
		S5	16	64	18 300				
		S6	16	64	18 300				
		S7	16	64	18 300				
		S8	16	32	14 075				
		S9	16	32	7900	S10	16	62	12 200
		S10	16	62	11 900	S11	16	60	15 300
		S11	16	60	15 000	S21	16	120	7550
		S12	16	62	18 300				
		S13	16	60	18 300				
		S14	19	120	18 300				
		S15	16	62	18 300				
		S16	16	60	18 300				
		S17	16	62	10 750				
		S18	16	60	10 750				
		S19	16	31	18 300				
		S20	16	30	12 100				
		R7	19	16	5350	R2	16	1060	1980
		R8	19	160	5900	R4	16	1036	1795
		R9	13	24	11 370	R5	16	24	1740
		T1	16	587	17 800				
		T2	16	717	17 800				

* Nonpay

BENDING DIAGRAMS
(All dimensions are out to out of bars.)

RECORD DRAWING

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

CITY OF WICHITA
Br. No. 54-87-20.12(497) E.B. Sta. 17+332.607
BILL OF REINFORCING STEEL
AND
BENDING DIAGRAMS
Sedgwick County

SHEET NO. OF	SCALE	APP'D	
DESIGNED DRT	DETAILED DRT	QUANTITIES	CADD GFK
DESIGN CK. SMS	DETAIL CK.	QUAN. CK.	CADD CK.

Plotted By : gdr
Plot File : I:/1997/97362/As-Builts/dgn's/Vol.3/Sh 605-KDOT_STD-reinstl.dgn Last Rev: 9-7-07 By: gdr
Plot Date : Sept. 07
Std. Base File : /urs1/sihslab/br60lbsi.dgn