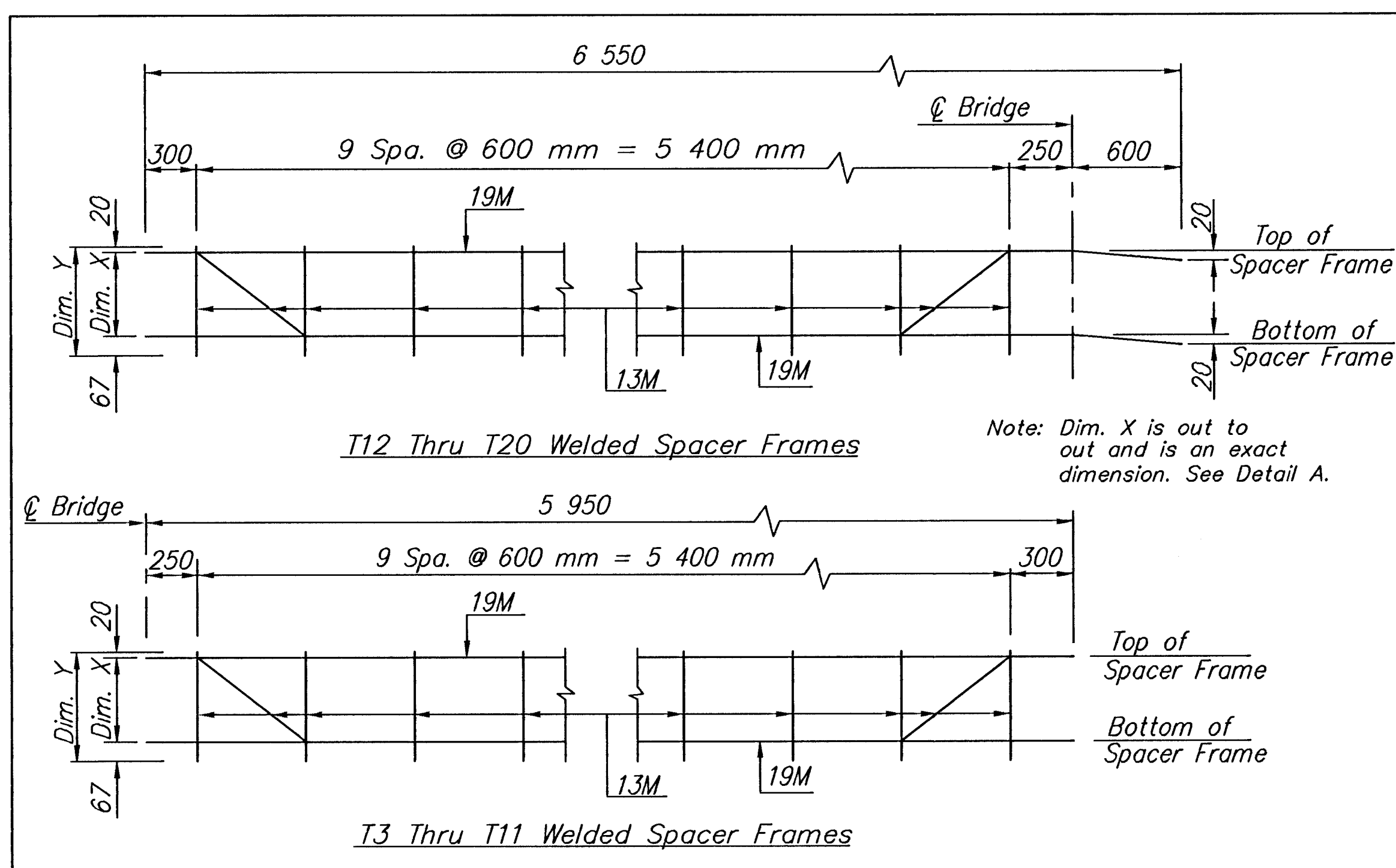
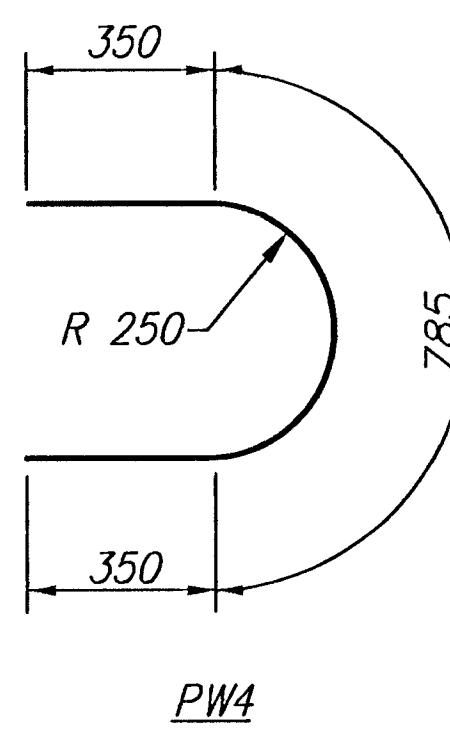
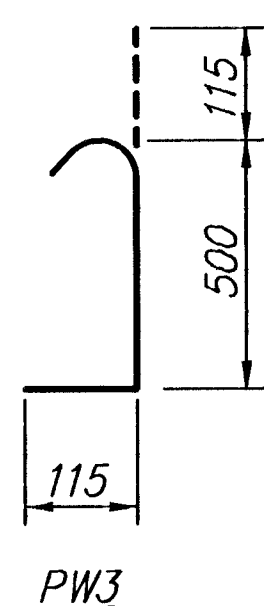
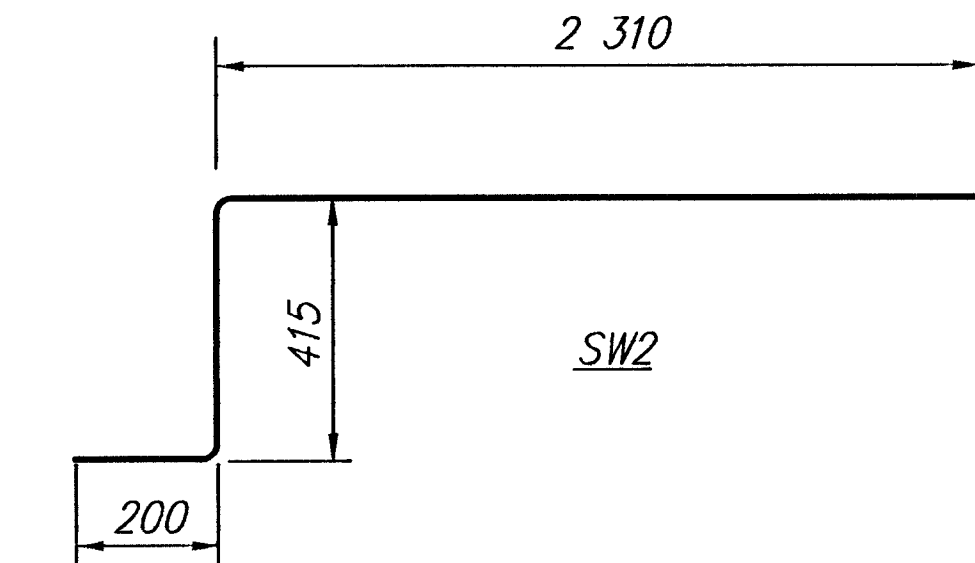
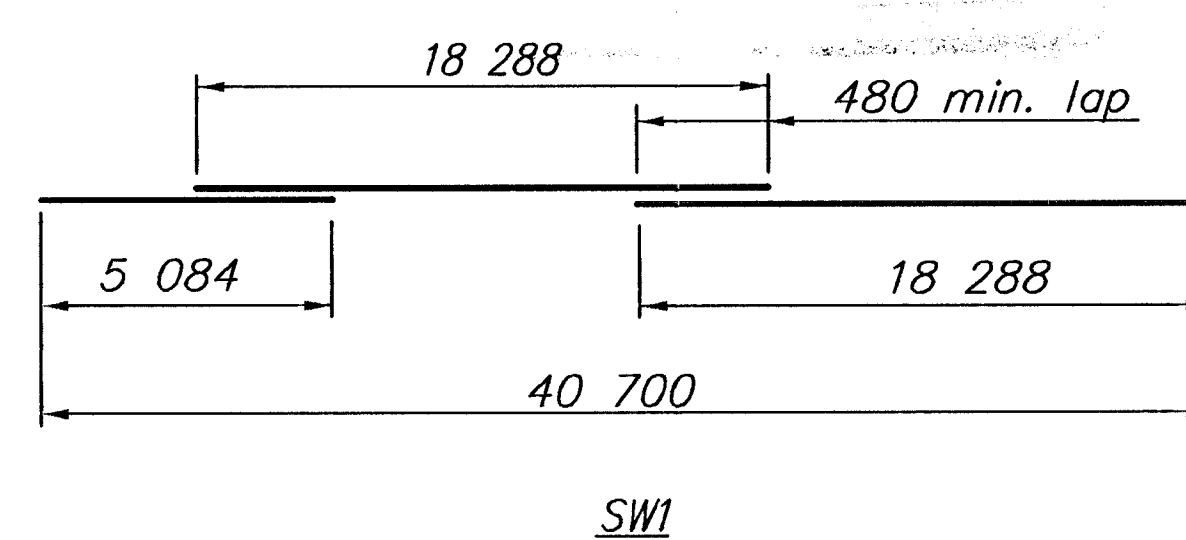
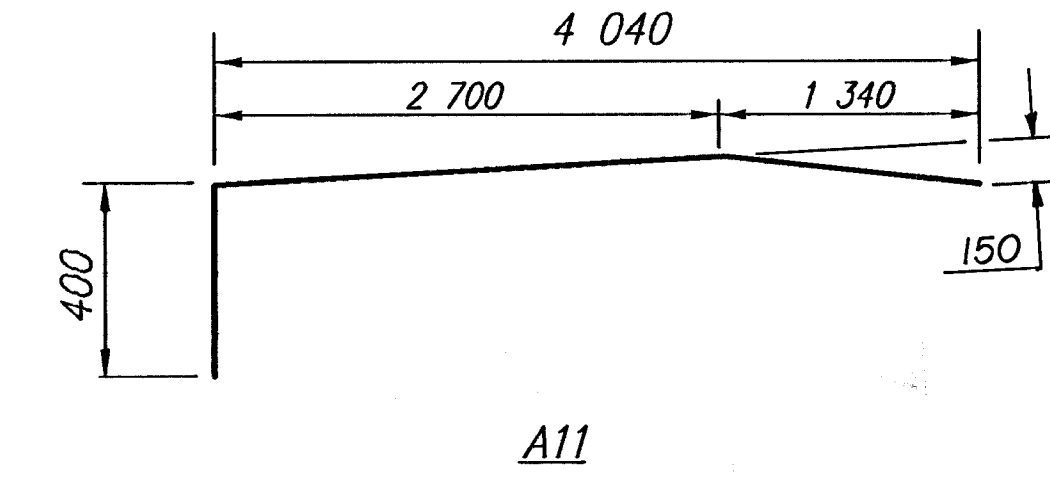
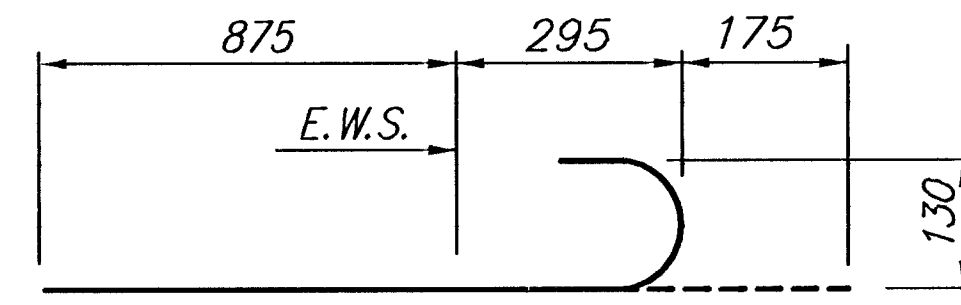
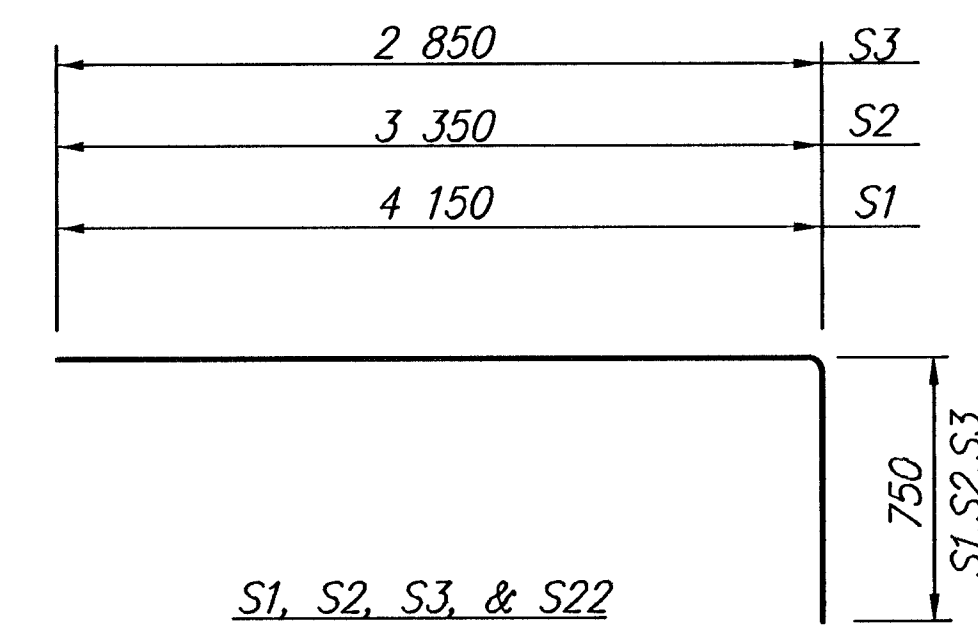
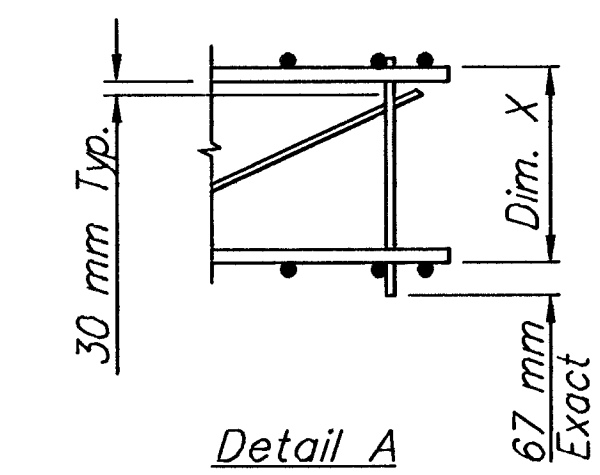




SPACER FRAMES (Epoxy Coated)					
Mark	No. Ea.	Dim. X	Dim. Y	Wt. (Each)(kg)	
T3, T12	8	231	318	31.03	33.71
T4, T13	4	232	319	31.04	33.72
T5, T14	4	239	326	31.12	33.80
T6, T15	4	254	341	31.28	33.96
T7, T16	4	277	364	31.53	34.21
T8, T17	4	307	394	31.85	34.53
T9, T18	4	344	431	32.25	34.93
T10, T19	4	389	476	32.75	35.43
T11, T20	4	442	529	33.33	36.01

Mass of spacer frames included in the mass of reinforcing steel.



FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0088-01	1999	19	38

BILL OF REINFORCING STEEL Epoxy Coated - Grade 420

Straight Bars				Bent Bars			
Mark	Size	Number	Length	Mark	Size	Number	Length
S4	32	52	16 900	S1	25	52	4 900
S5	32	44	9 500	S2	25	44	4 100
S6	32	44	4 300	S3	25	44	3 600
S7	32	44	12 650				
S8	32	32	9 550	R1	22	24	2 830
S12	32	22	16 600	R2	22	4	1 700
				R3	22	220	2 380
S9	29	32	7 200				
S10	29	32	5 100	A2	16	106	1 190
S13	29	16	9 600	A11	16	16	4 480
S14	29	16	8 400	R5	16	8	1 990
S15	29	16	6 000	R6	16	8	3 250
				SW2	16	520	2 925
A1	25	16	18 000				
A8	25	8	2 570	A4	13	228	2 890
				A5	13	106	1 850
R11	19	24	1 620	A7	13	28	1 430
R12	19	144	2 900	R4	13	220	1 020
				R7	13	4	3 240
A3	16	20	12 000				
A9	16	20	8 070	R8	10	376	1 340
SW1	16	16	*	R9	10	104	1 340
T1	16	111	11 890	R10	10	52	1 360
S11	13	32	7 000	T3-T20			*
A6	13	2	12 000				
A10	13	2	4 950				
SC1	13	78	2 000				
T2	10	78	11 890				
PB1	16	6	11 890				
PB2	13	4	11 890				

[illegible]

* See Bending Diagrams

NO.	DATE	REVISIONS						BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION									
BR. NO. 530400870GC1020				STA. 1+450.20					
BILL OF REINFORCING STEEL & BENDING DIAGRAMS									
(Eastern Street over Gypsum Creek)									
PROJ. NO. 87 N-0088-01				SEDGWICK CO.					
PHWA APPROVAL				APP'D					
DESIGNED	PAF	DETAILED	DPC	QUANTITIES	MOK	CADD			
DESIGN CK.	MOK	DETAIL CK.	MOK	QUAN.CK.	SDH	CKD CK.			

BENDING DIAGRAMS

(All dimensions are out to out of bars.)