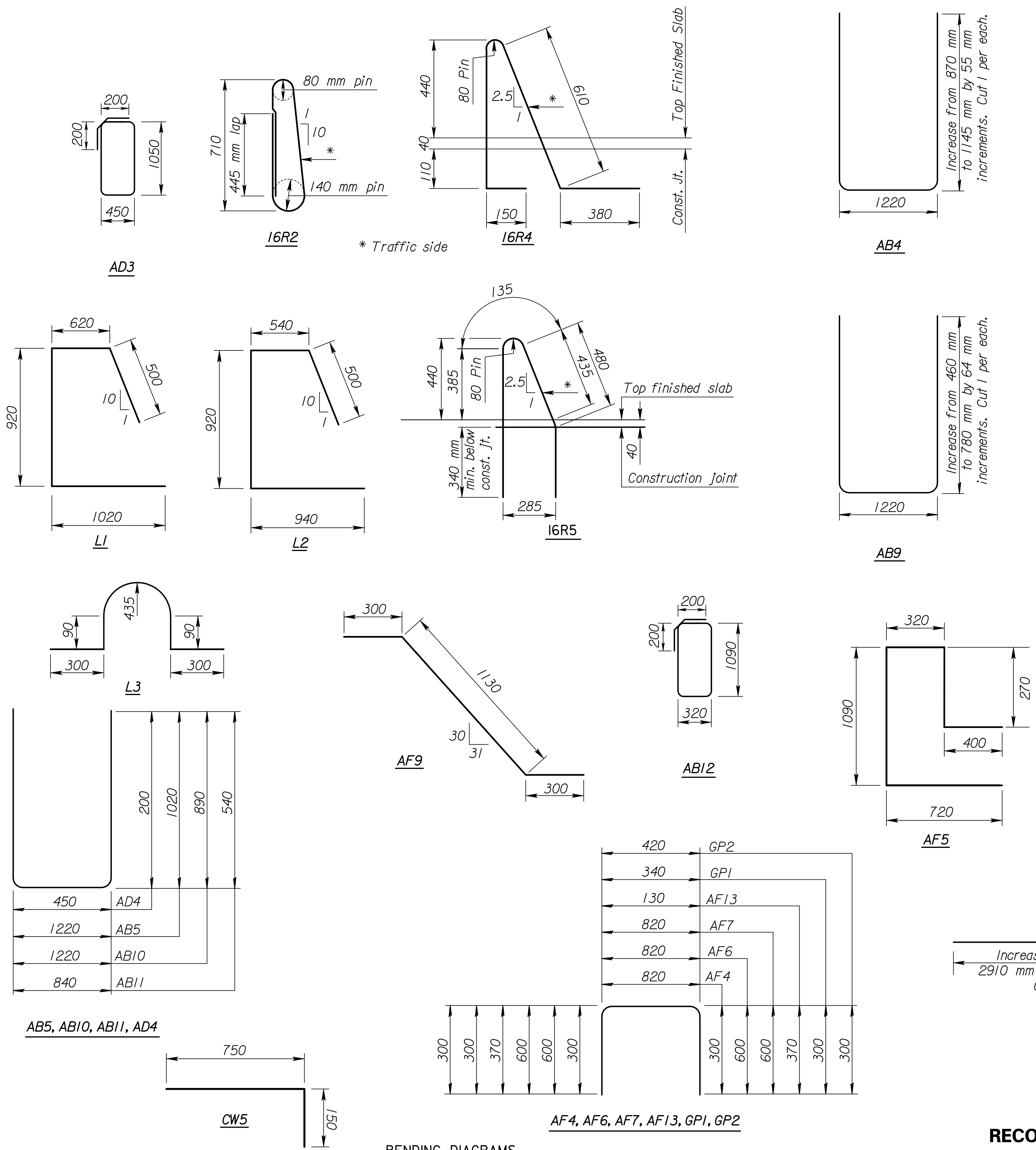


BILL OF REINFORCING STEEL
Grade 420

	Straight Bars				Bent Bars				
	Mark	Size	Number	Length	Mark	Size	Number	Length	
Abutment No. 1 (Epoxy)	Superstructure	AB1	25	4	17 800	AB4	19	6	Varies
		AB2	16	15	Varies	AB5	16	68	3260
		AB3	16	15	2900	AB9	19	6	Varies
		AB6	19	20	3000	AB10	16	48	3000
		AB7	19	20	Varies	AB11	16	52	1920
		AB8	19	6	17 800	AB12	13	8	3220
		AB13	16	7	1950				
		*AB14	13	8	500				
	Substructure	AF1	25	4	18 200	AF4	13	23	1420
		AF2	25	4	18 200	AF5	13	23	2800
		AF3	19	42	18 200	AF6	16	64	2020
		AF8	16	128	Varies	AF7	16	64	2020
		AF10	16	7	6970	AF9	13	180	1730
		*AF10	16	1	6970	AD1	25	8	7470
AD2		19	48	1100	AD3	13	16	3400	
*AF11		13	23	500	AD4	13	32	850	
AF12		13	8	1640	AF13	13	36	870	
CW1		16	26	6960	GP1	13	40	940	
CW2		16	26	6270	GP2	13	40	1020	
CW3		16	23	8000	CW5	16	136	900	
CW4		16	21	8000					
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	6	Varies
		AB2	16	15	Varies	AB5	16	68	3260
		AB3	16	15	2900	AB9	19	6	Varies
		AB6	19	20	3000	AB10	16	48	3000
		AB7	19	20	Varies	AB11	16	52	1920
		AB8	19	6	17 800	AB12	13	8	3220
		AB13	16	7	1950				
		*AB14	13	8	500				
	Substructure	AF1	25	4	18 200	AF4	13	23	1420
		AF2	25	4	18 200	AF5	13	23	2800
		AF3	19	42	18 200	AF6	16	64	2020
		AF8	16	128	Varies	AF7	16	64	2020
		AF10	16	7	6970	AF9	13	180	1730
		*AF10	16	1	6970	AD1	25	8	7470
AD2		19	48	1100	AD3	13	16	3400	
*AF11		13	23	500	AD4	13	32	850	
AF12		13	8	1640	AF13	13	36	870	
CW1		16	26	6960	GP1	13	40	940	
CW2		16	26	6270	GP2	13	40	1020	
CW3		16	23	8000	CW5	16	136	900	
CW4		16	21	8000					
CW6		19	1	6960					
CW7		19	1	6270					
CW8		16	4	2000					
CW9	16	8	900						



Increase from 1620 mm to 2220 mm by 100 mm increments. Cut 4 per each.

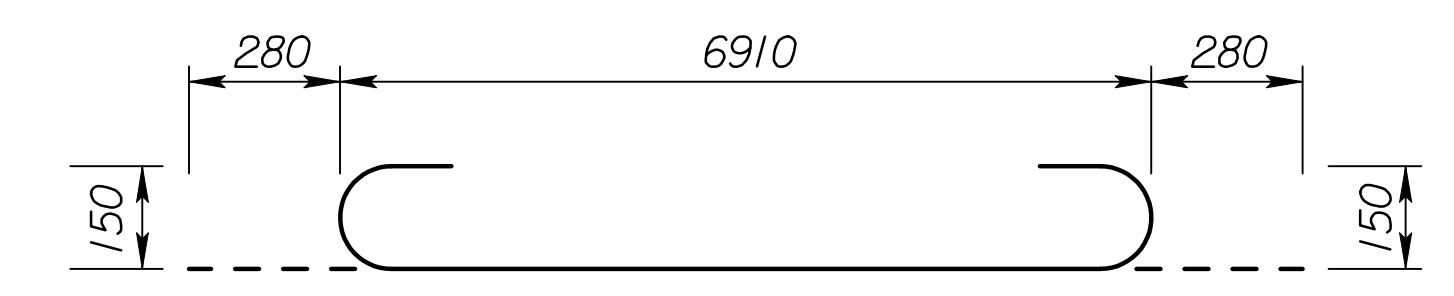
AB7

Increase from 6105 mm to 6420 mm by 5 mm increments. Cut 2 per each.

AF8

Increase from 460 mm to 780 mm by 64 mm increments. Cut 1 per each.

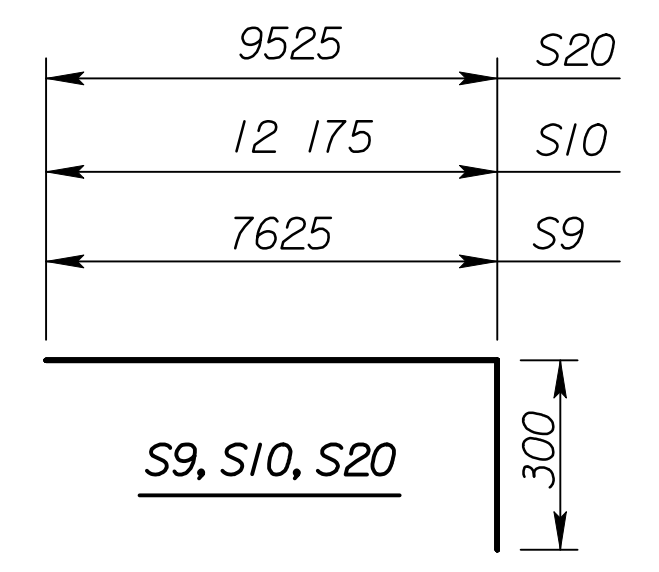
AB9



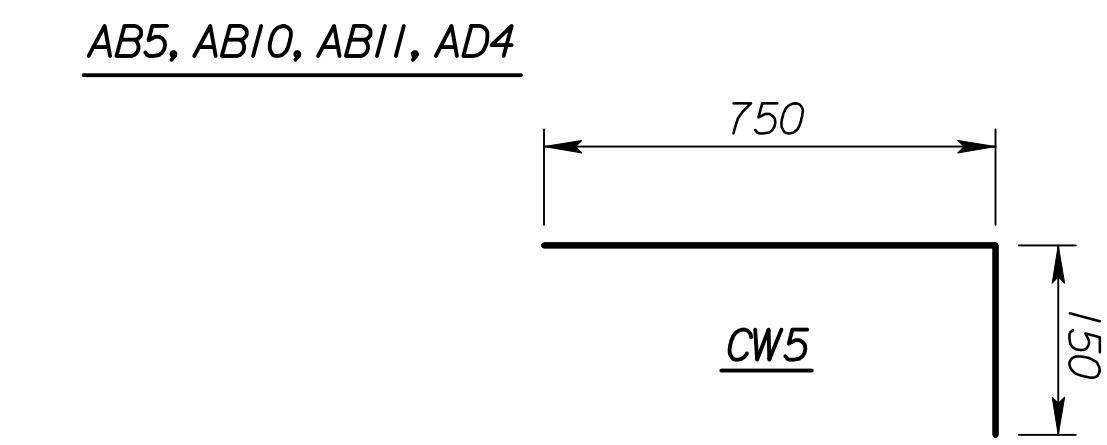
AD1

Increase from 2330 mm to 2910 mm by 145 mm increments. Cut 3 per each.

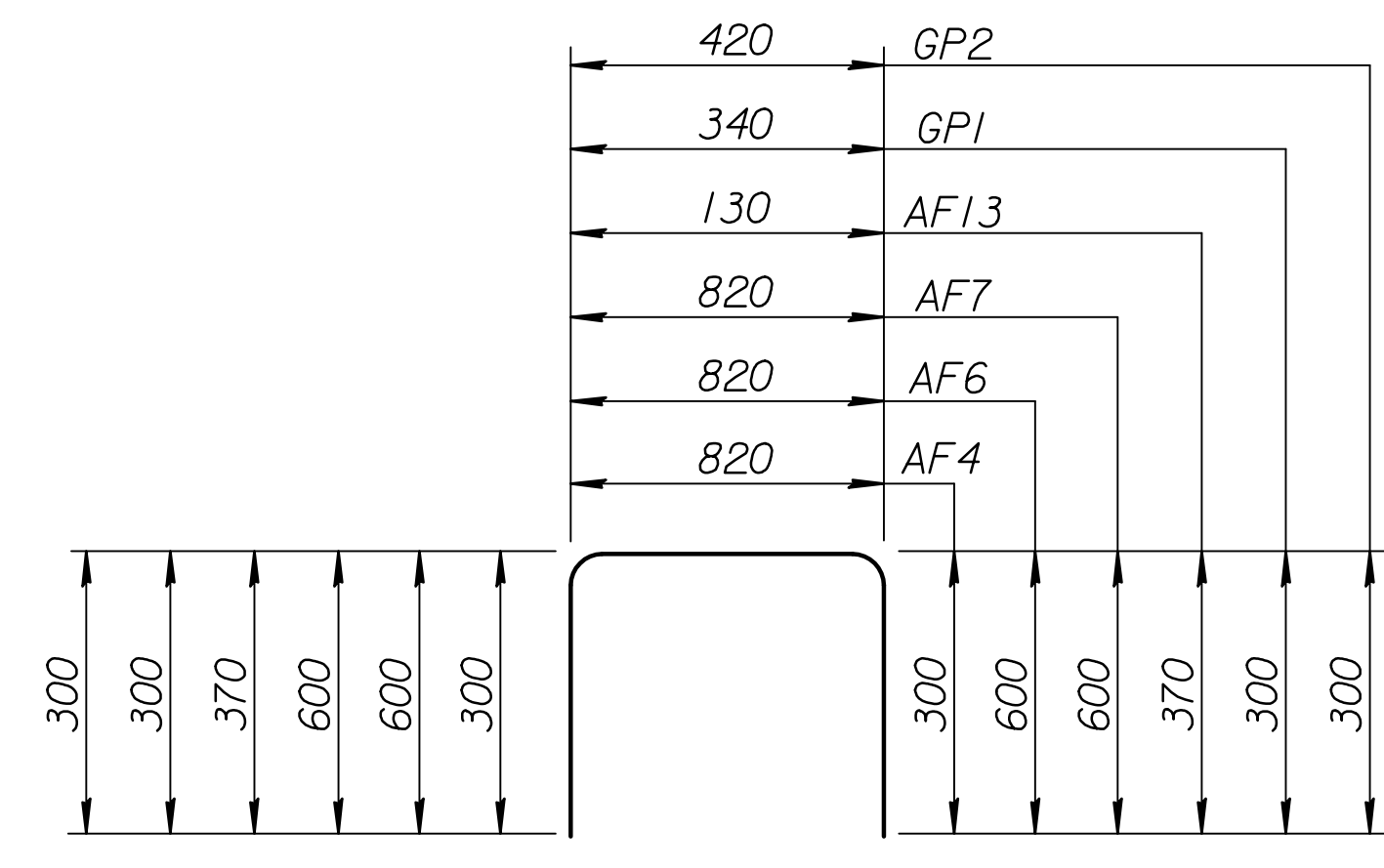
AB2



S9, S10, S20



AB5, AB10, AB11, AD4



AF4, AF6, AF7, AF13, GP1, GP2

BENDING DIAGRAMS

(All dimensions are out to out of bars.)

Superstructure (Epoxy)											
Diaphragm, Slab and Rails											
S1	16	62	9900	L1	16	4	3060				
S2	16	62	5350	L2	16	4	2900				
S3	16	62	18 300	L3	13	8	2150				
S4	16	62	18 300								
S5	16	62	18 300								
S6	16	62	18 300								
S7	16	62	14 075								
S8	16	31	18 300								
S11	16	62	18 300	S9	16	62	7925				
S12	16	60	9200	S10	16	60	12 475				
S13	16	60	18 300	S20	16	120	9825				
S14	19	120	18 300								
S15	16	62	18 300								
S16	16	60	11 225								
S17	16	62	9175								
S18	16	30	11 000								
S19	16	31	6000								
R7	19	16	5350								
R8	19	128	5900								
R9	13	60	11 125	R2	16	868	1980				
T1	16	500	17 800	R4	16	844	1795				
T2	16	618	17 800	R5	16	24	1740				

RECORD DRAWING

2					
1					
NO.	DATE	REVISIONS	BY	APP'D	
CITY OF WICHITA Br. No. 54-87-19.06(49) E.B. Sta. 15+612.397 BILL OF REINFORCING STEEL AND BENDING DIAGRAMS Sedgwick County					
SHEET NO.	OF	SCALE	APP'D		
DESIGNED	DRT	DETAILED	DRT	QUANTITIES	CADD
DESIGN CK.	SMS	DETAIL CK.	QUAN. CK.	CADD	GFK

Scale: 1/2.5
 Plotted By: ras
 Plot File: I:\1997\97362\As-Builts\dgn\3\Sh 475-KDOT_ST-D-reinf.stl.dgn
 Plot Date: 3-25-02