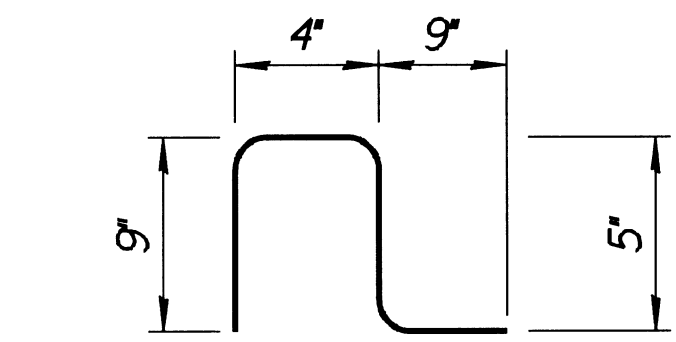
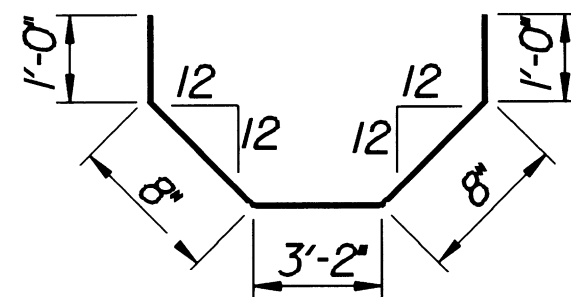


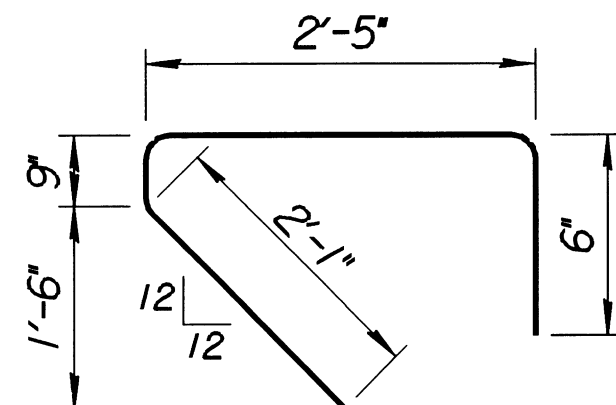
l:\1996\96940\reinf.dgn
drawn by: ras
plotted by: ras 12-29-98



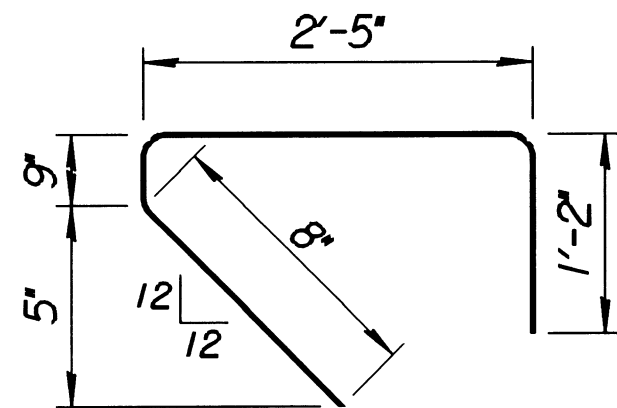
AB6, DE6



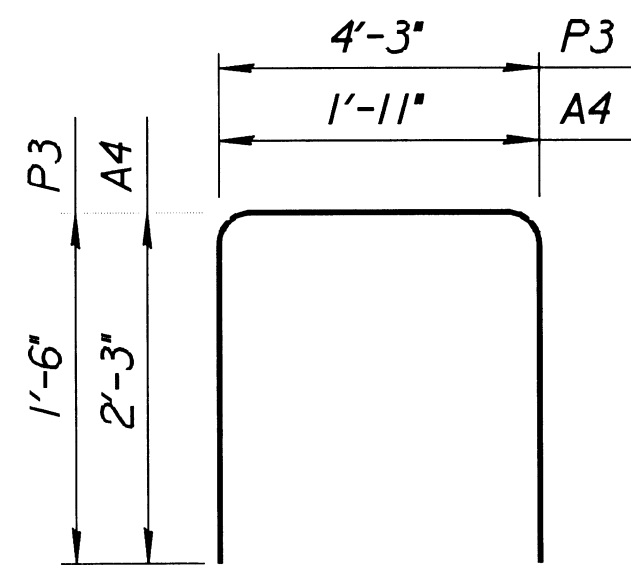
P4



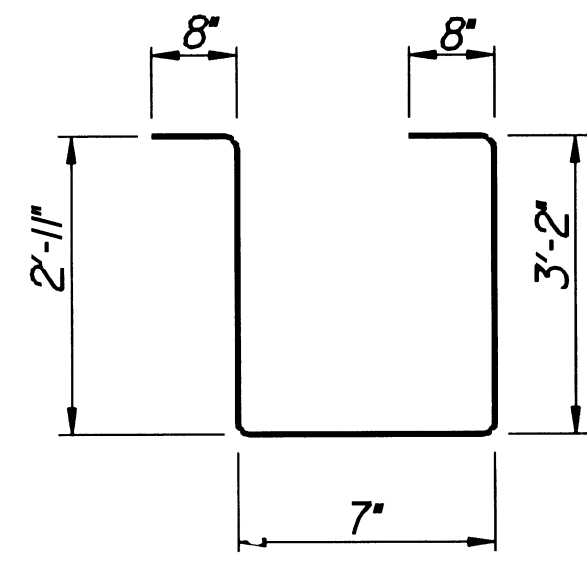
A5



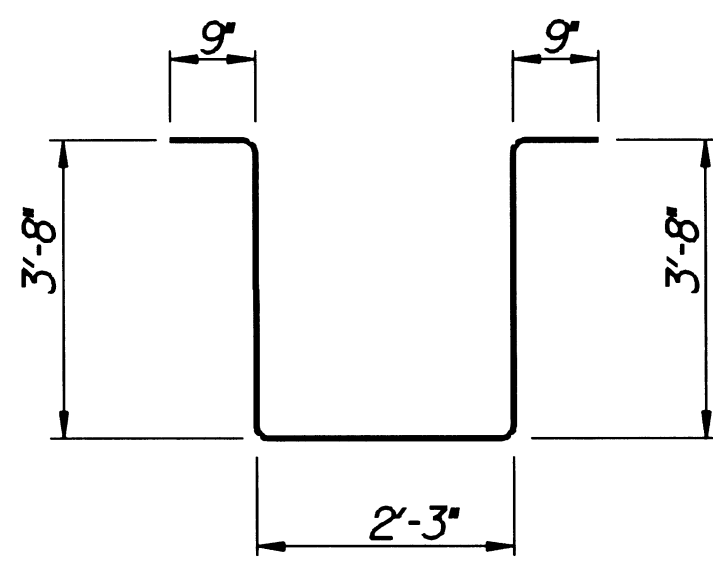
A8



A4, P4



AB1, DE1



PD2

BENDING DIAGRAMS

(All dimensions are out to out of bars.)

BILL OF REINFORCING STEEL (Grade 60)(Epoxy Coated)									
Straight Bars					Bent Bars				
Mark	Size	Number	Length	Mark	Size	Number	Length		
Slab	S1	#5	980	39'-9"					
	S2	#5	82	55'-0"					
	S3	#5	82	41'-5"					
	S4	#5	41	54'-6"					
	*S5	#4	490	1'-6"					
	S6	#5	52	11'-9"					
	S7	#5	58	55'-0"					
	S8	#5	58	41'-9"					
	S9	#5	52	25'-6"					
	S10	#6	52	16'-0"					
	S11	#5	52	13'-3"					
	S12	#5	52	7'-9"					
	S13	#5	52	7'-9"					
	S14	#5	52	14'-9"					
	S15	#5	29	54'-6"					
Abut.#1	A1	#5	40	2'-1"	A4	#5	67	6'-5"	
	A2	#5	2	39'-8"	A5	#5	67	5'-9"	
	A3	#6	16	34'-4"					
	*A6	#4	4	2'-0"					
Abut.#2	A7	#5	2	39'-8"	A8	#5	39	5'-0"	
	A9	#6	6	37'-10"					
	A10	#5	40	2'-1"					
	*A11	#4	4	2'-0"					
Pier #1	P1	#5	64	3'-0"	P3	#5	32	7'-3"	
	P2	#6	13	38'-0"	P4	#5	32	6'-8"	
	*P5	#4	12	2'-0"					
Pier #2	P2	#6	13	38'-0"	P3	#5	32	7'-3"	
					P4	#5	32	6'-8"	
Pier #3	P2	#6	13	38'-0"	P3	#5	32	7'-3"	
					P4	#5	32	6'-8"	
Pier #4	P1	#5	64	3'-0"	P3	#5	32	7'-3"	
	P2	#6	13	38'-0"	P4	#5	32	6'-8"	
	*P5	#4	12	2'-0"					
Diaphragms	Abut.#1	AB2	#4	6	4'-6"	AB1	#4	32	8'-0"
		AB3	#5	24	4'-6"	AB6	#4	40	2'-3"
		*AB4	#4	8	1'-8"				
		*AB5	#4	2	1'-8"				
	Abut.#2	AB2	#4	6	4'-6"	AB1	#4	32	8'-0"
		AB3	#5	24	4'-6"	AB6	#4	40	2'-3"
		*AB4	#4	8	1'-8"				
		*AB5	#4	2	1'-8"				
	Pier #1	PD1	#5	2	38'-0"	PD2	#4	32	11'-1"
		PD3	#5	36	4'-6"				
		*PD4	#4	12	1'-8"				
	Pier #2	DE2	#4	12	4'-6"	DE1	#4	64	8'-0"
		DE3	#5	48	38'-0"	DE6	#4	80	2'-3"
		*DE4	#4	4	4'-6"				
		*DE5	#4	16	1'-8"				
Pier #3	DE2	#4	12	4'-6"	DE1	#4	64	8'-0"	
	DE3	#5	48	38'-0"	DE6	#4	80	2'-3"	
	*DE4	#4	4	4'-6"					
	*DE5	#4	16	1'-8"					
Pier #4	PD1	#5	2	38'-0"	PD2	#4	32	11'-1"	
	PD3	#5	36	4'-6"					
	*PD4	#4	12	1'-8"					

* Dowels used in epoxy grouting but paid for as Reinforcing Steel (Grade 60) (Epoxy Coated).

SHEET NO.	TOTAL SHEETS
26	33

1			
No.	Revisions	By	Date
CITY OF WICHITA, KANSAS MICHAEL E. LINDEBAK, P.E.-CITY ENGINEER MURDOCK BRIDGE OVER LITTLE ARKANSAS RIVER BILL OF REINFORCING AND BENDING DIAGRAMS CITY OF WICHITA PROJECT NO. 472-82785 PROFESSIONAL ENGINEERING CONSULTANTS, P.A. ENGINEERS WICHITA, KANSAS			
Designed by	R.A.S.	Checked by	R.A.S.
Drawn by	W.L.L.	Date	Oct. 1998
Job No.	96940		