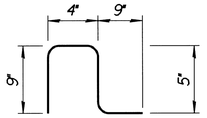
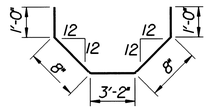
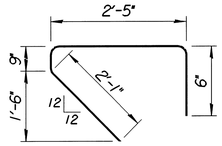
SHEET NO.	TOTAL SHEETS
26	33



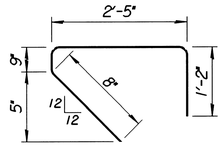
AB6, DE6



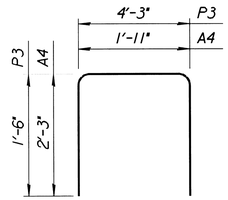
P4



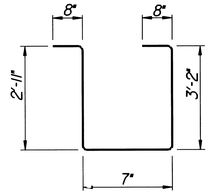
A5



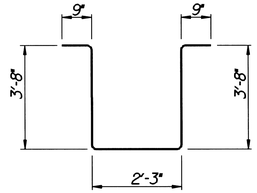
A8



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).*

No.	Revisions	By	Date
1			

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

I:/1996/96940/reinf.dgn
drawn by: ras
plotted by: ras 12-29-98