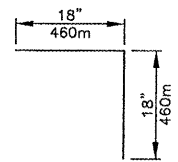
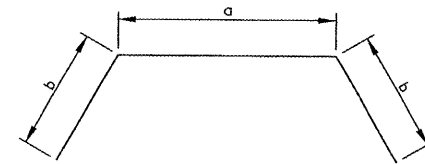


#/NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
793 9382	05-00025-00-LT 07-00025-01-WR	MADISON	135	87
STA.		TO STA.		

CONTRACT NO. 97352



BAR V



BAR h TO hg
BEND IN FIELD
ONE REQUIRED IN EACH HEADWALL

DIMENSTIONS OF BARS

BARS	FOR 2 PIPES	
	a	b
h	4'-11" 1.5m	29" 740m
h ₁	4'-11" 1.5m	3' 3-1/2" 1.0m
h ₂	5'-5" 1.65m	29" 740m
h ₃	5'-5" 1.65m	3' 3-1/2" 1.0m
h ₄	6'-9" 2.06m	39" 990m
h ₅	6'-9" 2.06m	4'-3" 1.3m
h ₆	7'-9" 2.36m	3' 10-1/2" 1.18m
h ₇	7'-9" 2.36m	4' 10-1/2" 1.49m
h ₈	9'-0" 2.75m	4'-9" 1.45m
h ₉	9'-0" 2.75m	5'-9" 1.75m

TABLE OF DIMENSIONS

DESIGN NO.	NOMINAL INSIDE DIA. OF PIPE	SLOPE OF WING WALLS	DIMENSIONS						
			FOR ALL MULTIPLES OF PIPES				FOR 2 PIPES		
			A	B	C	F	G	D	E
D36"-2 D900m-2	36" 900m	1:2	4'-0" 1.22m	22" 560m	3'-10" 1.17m	5'10-1/2" 1.79m	5'-2" 1.57m	9'-0" 2.75m	17' 6-1/2" 5.28m

TABLE OF QUANTITIES

DESIGN NO.	CONCRETE 2 END SECS. (CU. YDS.)	FOR 2 PIPES										TOTAL QUANTITY 2 END SECS. LBS. (KG)	
		REINFORCEMENT BARS IN ONE END SECTION											
		NO. 4 h BARS (NO. 13)		NO. 4 b ₂ BARS (NO. 13)		NO. 4 b ₁ BARS (NO. 13)		NO. 4 b BARS (NO. 13)		NO. 4 V ₁ BARS (NO. 13)			NO. 4 V BARS (NO. 13)
BAR	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	LENGTH	QTY.	
D36"-2 (D900m-2)	5" 3.8m	hg	20'-6" 6.25m	2	17'-0" 5.18m	1	14'-6" 4.42m	1	9'-9" 2.97m	4	3'-6" 1.07m	26	230 104mm

CAST-IN-PLACE REINFORCED CONCRETE END SECTION, 36"
STA 103+49.41 48.06' LT
(SHEET 2 OF 2)