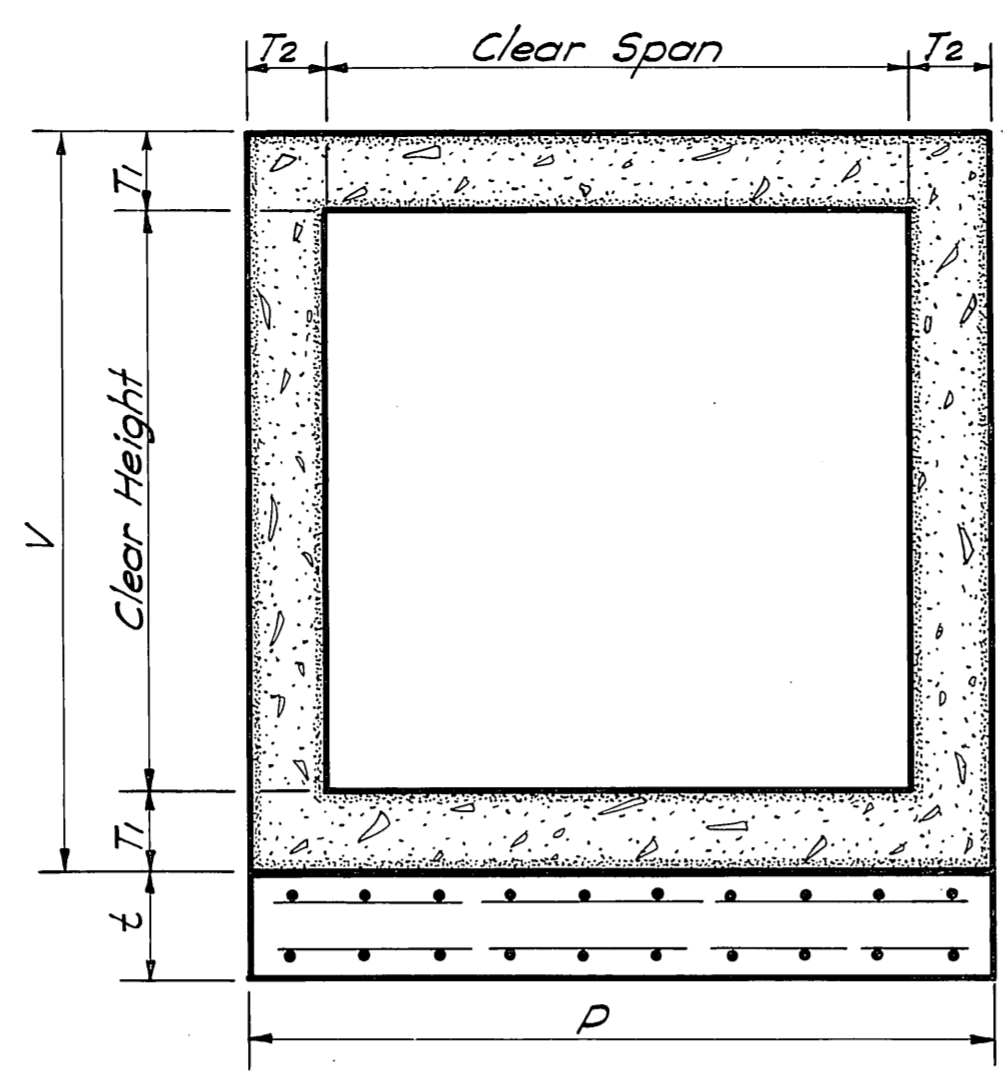
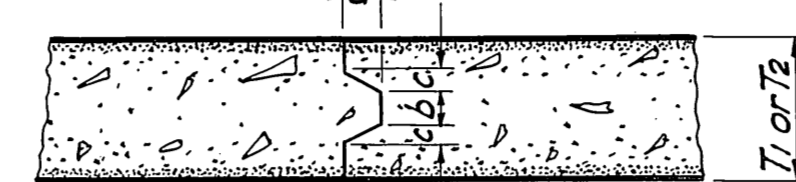


SECTION ACROSS SILL SHOWING GROOVED CONSTR. JOINT



SECTION ACROSS BARREL SHOWING SILL

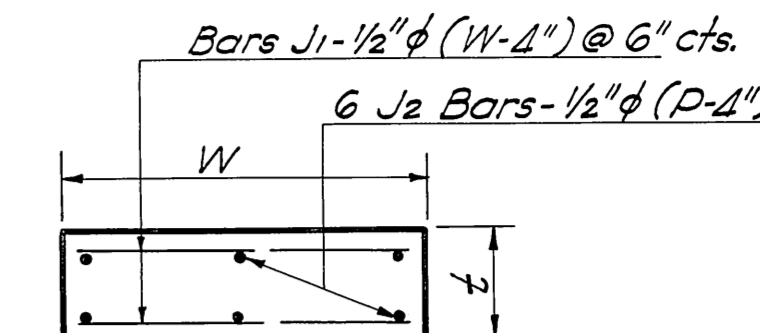
Joint to be painted with a coat of Bituminous Material.



DETAIL "A"

DIMENSIONS				
No.	T1 or T2	a	b	c
C1	6" to 7 1/2"	2"	2"	1"
C2	8" to 9 3/4"	2"	3"	1"
C3	10" or more	3"	3"	1 1/2"

DETAILS OF GROOVED CONSTR. JOINT



DETAIL "B"

DIMENSIONS				
No.	SIZE OF BARREL	W	t	
S1	2' x 2' to 4' x 4'	2'-0"	9"	
S2	5' x 2' to 6' x 6'	2'-6"	9"	
S3	8' x 2'-6" to 10' x 10'	3'-0"	1'-0"	

DETAILS OF SILL

WATER WAY	BC-5 AND SKEWS								BC-5A AND SKEWS								BC-6 AND SKEWS								BC-6A AND SKEWS								WATER WAY										
	DIMENSIONS				CONSTR. JOINT No.	SILL No.	REIN. STEEL		QUANTITIES	DIMENSIONS				CONSTR. JOINT No.	SILL No.	REIN. STEEL		QUANTITIES	DIMENSIONS				CONSTR. JOINT No.	SILL No.	REIN. STEEL		QUANTITIES																
	T1	T2	V	P			J1	J2		LBS.	C.Y.	T1	T2			V	P		J1	J2	LBS.	C.Y.			T1	T2		V	P	J1	J2	LBS.		C.Y.	T1	T2	V	P	J1	J2	LBS.	C.Y.	
2	2'-0"	6"	6"	3'-0"	C1	S1	12	6	24	0.17																										2	2'-0"						
	2'-0"	6"	6"	3'-0"	C1	S1	16	6	33	0.22																										2	2'-0"						
	2'-6"	6"	6"	3'-6"	C1	S1	16	6	33	0.22																											3	2'-6"					
3	2'-0"	7"	6"	3'-2"	C1	S1	20	6	42	0.28	7"	6"	3'-2"	10'-0"	C1	S1	20	6	42	0.28																		4	2'-0"				
	2'-6"	7"	6"	3'-8"	C1	S1	20	6	42	0.28	7"	6"	3'-8"	10'-0"	C1	S1	20	6	42	0.28																		4	2'-6"				
	3'-0"	7"	6"	4'-2"	C1	S1	20	6	42	0.28	7"	6"	4'-2"	10'-0"	C1	S1	20	6	42	0.28																			4	3'-0"			
4	2'-0"	7"	8"	5'-2"	C1	S1	22	6	45	0.30	7"	8"	5'-2"	10'-4"	C1	S1	22	6	45	0.30																				5	2'-0"		
	2'-6"	7"	8"	5'-8"	C1	S1	22	6	45	0.30	7"	8"	5'-8"	10'-4"	C1	S1	22	6	45	0.30																					5	2'-6"	
	3'-0"	7"	8"	6'-2"	C1	S1	22	6	45	0.30	7"	8"	6'-2"	10'-4"	C1	S1	22	6	45	0.30																					5	3'-0"	
5	2'-0"	7 1/2"	6"	3'-3"	C1	S2	24	6	58	0.42	7 1/2"	6"	3'-9"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	3'-4"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	3'-4"	12'-0"	C1	S2	24	6	58	0.42		5	2'-0"
	2'-6"	7 1/2"	6"	3'-9"	C1	S2	24	6	58	0.42	7 1/2"	6"	4'-3"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	4'-4"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	4'-4"	12'-0"	C1	S2	24	6	58	0.42		5	2'-6"
	3'-0"	7 1/2"	6"	4'-3"	C1	S2	24	6	58	0.42	7 1/2"	6"	5'-3"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	5'-4"	12'-0"	C1	S2	24	6	58	0.42	8"	6"	5'-4"	12'-0"	C1	S2	24	6	58	0.42		5	3'-0"

Quantities shown for reinforcing steel shall be reduced by 1% (0.01) to comply with approved C.R.S.I. weights per foot for reinforcing bars.

OKLAHOMA STATE HIGHWAY COMMISSION STANDARD
DETAILS OF GROOVED CONSTRUCTION JOINTS AND SILLS FOR CONCRETE BOX CULVERTS

1
Detailed By: R.H. Watkins Nov. 1939
Rechecked By: Harold L. Hamilton Feb. 1954
Checked By: A.W. Verman Feb. 1962