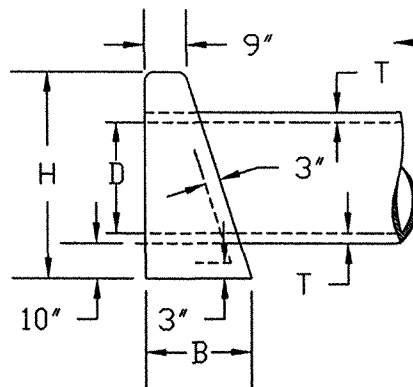


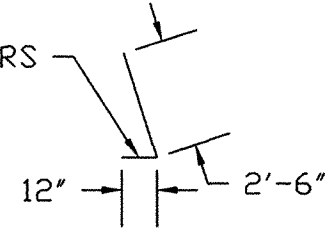
PLAN



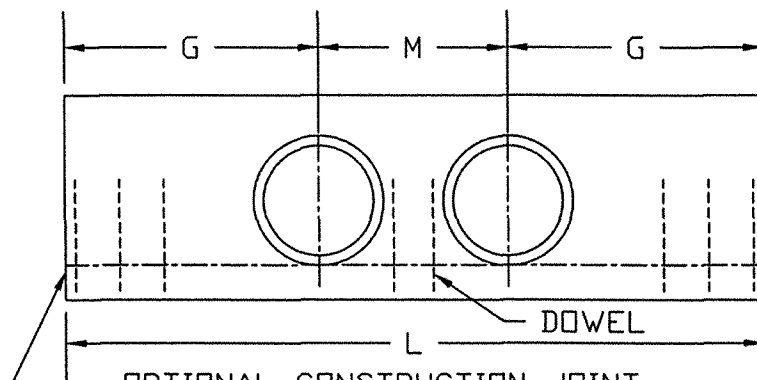
END ELEVATION

SLOPE AS INDICATED ON PLANS

#4 BARS



DOWEL
BAR "X"



OPTIONAL CONSTRUCTION JOINT

ELEVATION

DOWELS IN ENDWALL WITH REINFORCED CONC. PIPE																		
L	PIPE	SINGLE PIPE								DOUBLE PIPE								
D	DIA.	15'	18'	24'	30'	36'	42'	48'	15'	18'	24'	30'	36'	42'	48'			
C.	BARS	X	X	X	X	X	X	Y*	X	Y*	X	X	X	X	X	Y*	X	Y*
G	QTY.	2	2	3	3	4	4	5	2	2	2	3	3	4	4	5	2	3
M	QTY.	-	-	-	-	-	-			2	1	1	2	2	2			
G	QTY.	2	2	3	3	4	4	5	2	2	3	3	4	4	5	2	3	2
TOT LBS		9	9	14	14	19	55	65	12	12	19	19	23	77	92			

SEE NOTE

DOWELS IN ENDWALL WITH CORRUGATED METAL PIPE																		
L	PIPE	SINGLE PIPE								DOUBLE PIPE								
D	DIA.	15'	18'	24'	30'	36'	42'	48'	15'	18'	24'	30'	36'	42'	48'			
C.	BARS	X	X	X	X	X	X	Y*	X	Y*	X	X	X	X	X	Y*	X	Y*
G	QTY.	2	2	3	3	4	4	5	2	2	2	3	3	4	4	2	5	2
M	QTY.	-	-	-	-	-	-			1	1	1	2	2	2		5	
G	QTY.	2	2	3	3	4	4	5	2	2	3	3	4	4	5	2	5	2
TOT LBS		9	9	14	14	19	53	62	12	12	16	19	23	73	85			

DIMENSIONS AND CONCRETE QUANTITIES																	
CONCRETE PIPE									CORRUGATED METAL PIPE								
COMMON DIMENSIONS					SINGLE PIPE				DOUBLE PIPE				COMMON DIMENSIONS				
D	H	B	G	T	L	CU.YD.	M	L	CU.YD.	H	B	G	L	CU.YD.	M	L	CU.YD.
15"	3'-4"	1'-8"	2'-9"	1 7/8"	5'-6"	0.734	2'-2"	7'-8"	0.970	3'-0"	1'-6"	2'-6"	5'-0"	0.573	1'-11"	6'-11"	0.780
18"	3'-7"	1'-10"	3'-2"	2"	6'-4"	0.958	2'-7"	8'-11"	1.274	3'-3"	1'-8"	2'-11"	5'-10"	0.767	2'-3"	8'-1"	1.014
24"	4'-2"	2'-1"	4'-0"	2 1/2"	8'-0"	1.506	3'-5"	11'-5"	2.010	3'-9"	1'-11"	3'-8"	7'-4"	1.200	3'-0"	10'-4"	1.597
30"	4'-9"	2'-5"	4'-7"	2 3/4"	9'-2"	2.145	4'-3"	13'-5"	2.920	4'-3"	2'-2"	4'-5"	8'-10"	1.757	3'-9"	12'-7"	2.348
36"	5'-3"	2'-8"	5'-6"	3"	11'-0"	3.040	5'-0"	16'-0"	4.086	4'-9"	2'-5"	5'-2"	10'-4"	2.456	4'-6"	14'-10"	3.288
42"	5'-10"	2'-11"	6'-4"	3 1/2"	12'-8"	4.120	5'-10"	18'-6"	5.534	5'-3"	2'-8"	5'-11"	11'-10"	3.310	5'-3"	17'-1"	4.434
48"	6'-5"	3'-3"	7'-2"	4"	14'-4"	5.535	6'-8"	21'-0"	7.427	5'-9"	2'-11"	6'-8"	13'-4"	4.337	6'-0"	19'-4"	5.812

STANDARD CONCRETE ENDWALL FOR SINGLE & DOUBLE PIPE CULVERTS
15" THRU 48" PIPE-90 ° SKEW

REVISIONS		
NO	DATE	DESCRIPTION

CITY OF ROCKY MOUNT
DEPT. OF ENGINEERING

APPROVED

STD. NO.

6.25

DATE

REVISION

07-13-01