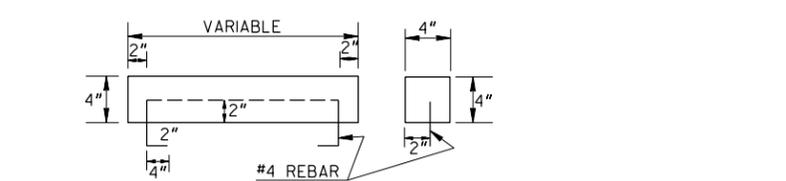


TYPE "A" FLUME QUANTITIES
 (FOR W=2'-0") CU. YDS. CONCRETE = 2.41 + 0.0926 (L)
 (FOR W=4'-0") CU. YDS. CONCRETE = 2.59 + 0.1306 (L)
 (FOR EITHER W) LBS. STEEL = 41 + (1.336) (L)
 SAND CEMENT BAG RIP RAP: 14 BAGS X 0.1667 SQ. YDS. /BAG = 2.333 SQ. YDS.



DETAILS OF 4" CONCRETE BAFFLE

TYPE "B" FLUME QUANTITIES:
 (FOR W=2'-0") CU. YDS. CONC. = K + 0.0926 (L)
 (FOR W=4'-0") CU. YDS. CONC. = K + 0.1306 (L)
 (FOR EITHER W) LBS. STEEL = 55 + 0.667 (P) + 1.336 (L)
 SAND CEMENT BAG RIP RAP: 14 BAGS X 0.1667 SQ. YDS./BAG = 2.333 SQ. YDS.

- GENERAL NOTES:**
- SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION, AND SUPPLEMENTS THERETO.
 - SIZE AND DIMENSIONS OF TYPE A OR TYPE B FLUMES MAY BE ADJUSTED FOR AN INDIVIDUAL SITE WHERE SHOWN ON THE PLANS OR DIRECTED BY THE ENGINEER.
 - AT LOCATIONS WHERE FLUME OUTLETS INTO AN INLET STRUCTURE, OMIT BAFFLE AND DOWNTURN END AND CONNECT FLUME TO THE INLET STRUCTURE.
 - SAND CEMENT BAG RIP RAP SHALL BE OMITTED IN PAVED DITCHES OR WHERE OTHER APPROVED EROSION CONTROL MATERIALS ARE USED.
 - POURED IN PLACE CONCRETE SHALL BE CLASS B MINIMUM. CLASS A CONCRETE SHALL BE USED FOR BAFFLES IF PRECAST.
 - BASIS OF PAYMENT:
 CLASS B CONCRETE --- CU. YDS.
 BAR REINFORCEMENT STEEL --- LB.
 SAND CEMENT BAG RIP RAP, 6 IN. OR 8 IN. --- SQ. YDS.

d	W = 2'-0"		W = 4'-0"	
	P	K (CU. YDS.)	P	K (CU. YDS.)
6"	10'	1.94	12'	2.36
9"	11'	2.24	13'	2.68
1'-0"	12'	2.58	14'	3.05
1'-3"	13'	2.98	15'	3.43
1'-6"	14'	3.36	16'	3.84
1'-9"	15'	3.84	17'	4.32
2'-0"	16'	4.35	18'	4.86
2'-3"	17'	4.92	19'	5.45
2'-6"	18'	5.56	20'	6.10

NOTE: P=FLUME OPENING
 K=CONCRETE CONSTANT (SEE FORMULAS)

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAIL CONCRETE FLUMES TYPES "A" & "B"	
BY		OCTOBER 1983 NOT TO SCALE	
		NUMBER D-09	