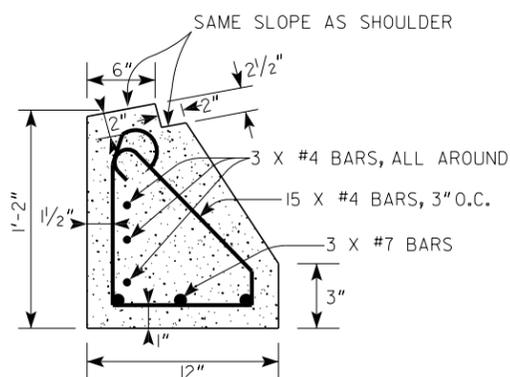
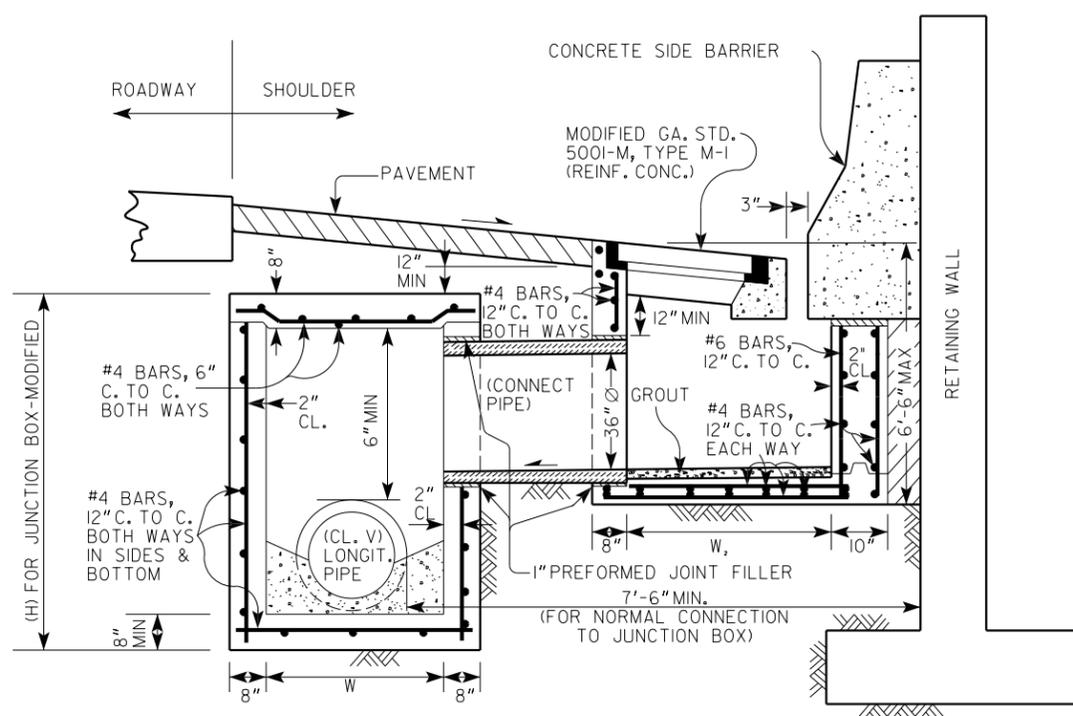


MODIFIED TYPE M-1 DROP INLET & JUNCTION BOX

NOTE: F.L. OF LONGITUDINAL PIPE MUST BE AT LEAST 5'-0" BELOW PAVEMENT SURFACE

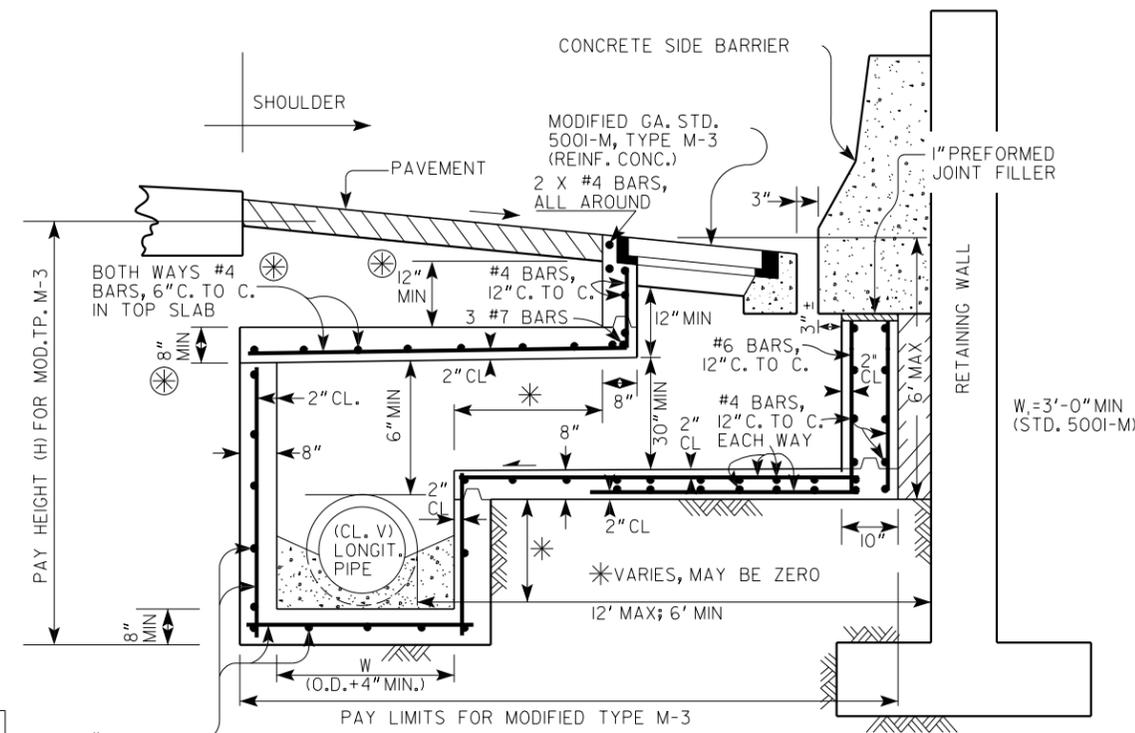


OPTION: BEAM MAY BE PRECAST

DROP INLET:
 W₁ = 4'-3" MIN. FOR NORMAL CONNECTION
 W₁ = 4'-6" MIN. FOR SKEWED CONNECTION
 W₂ = 3'-0" MIN. (STD. 500I-M)

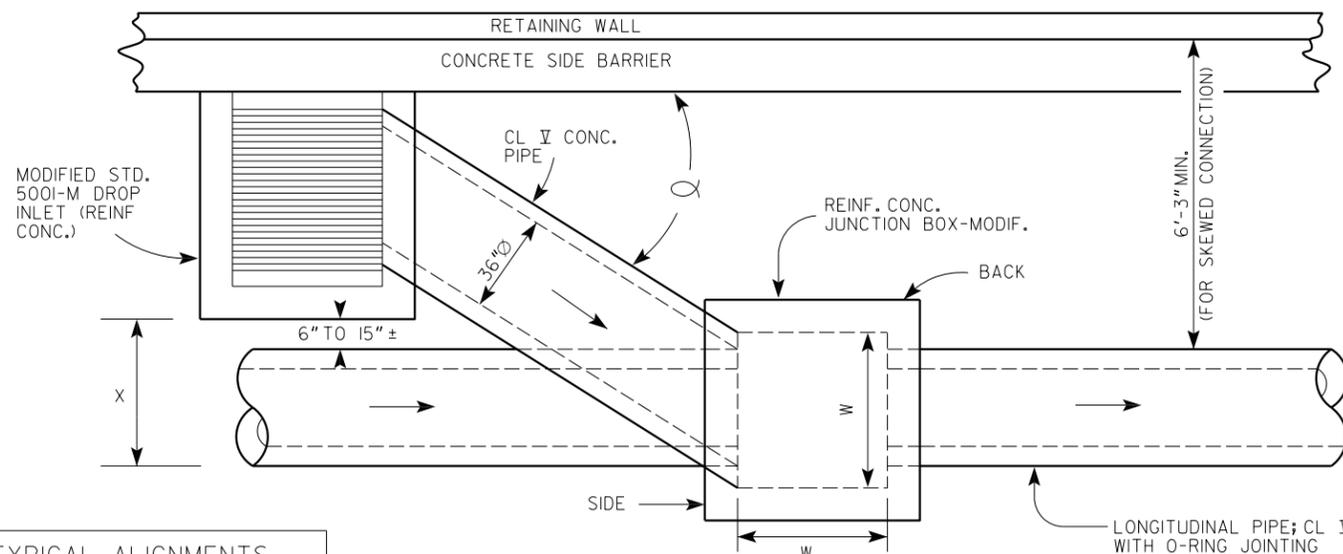
I.D. OF LONGIT. PIPE	NORMAL CONNECTION TO BACK OF JUNCTION BOX (LEFT)			SKEWED CONNECTION TO SIDE OF JUNCTION BOX (BELOW)		
	W	W ₁	H	W	W ₁	H
15"	3'-0"	4'-0"	5'-6"	4'-6"	3'-0"	7'-3"
18"	3'-0"	4'-0"	5'-6"	4'-6"	3'-0"	7'-10"
24"	3'-0"	4'-0"	5'-6"	4'-6"	3'-0"	8'-6"
30"	3'-5"	4'-0"	5'-6"	4'-6"	3'-0"	9'-1"
36"	4'-0"	4'-0"	5'-6"	4'-6"	3'-0"	9'-8"
42"	4'-7"	4'-0"	6'-1"	4'-7"	3'-0"	10'-3"
48"	5'-2"	4'-0"	6'-9"	5'-2"	3'-0"	10'-10"

MODIFIED TYPE M-3 DROP INLET



#4 BARS, 12" C. TO C. BOTH WAYS IN SIDES & BOTTOM

⊗ 12" COVER MAY BE REDUCED TO ZERO BY INCREASING TOP SLAB TO 10" THICK WITH #8 BARS @ 6" C. TO C. BOTH WAYS



NOTE: CENTER OF LONGITUDINAL PIPE MAY BE OFFSET FROM CENTER OF JUNCTION BOX

X	α (DEG. ±)	LENGTH 36" CONN.
TO 2'-6"	20	12' MIN.
TO 3'-6"	30	12' MIN.
TO 5'-0"	30	16' MIN.

PLAN VIEW WITH SKEWED CONNECTION

NOTE: TOP OF LONGITUDINAL PIPE MUST BE AT LEAST 6'-3" BELOW PAVING SURFACE TO USE SKEWED CONNECTION SHOWN HERE.

PAY ITEMS:
 668-5020 JUNCTION BOX, MODIFIED — EACH
 668-2231 DROP INLET, GP. I. MODIFIED TP. M-1 — EACH
 668-2233 DROP INLET, GP. I. MODIFIED TP. M-3 — EACH

NOTE: 36" CONNECTOR PIPE SHALL BE PAID FOR AS LIN. FT. OF STORM DRAIN PIPE.

SPECIAL NOTE:

STANDARD 500I-M INLET GRATES ARE FOR USE ONLY ON LIMITED ACCESS TYPE FACILITIES. USE OTHER DETAILS (STD. 1019B TYP.) WHERE BICYCLES ARE PERMITTED.

GENERAL NOTES:

- SPECIFICATIONS: GEORGIA STANDARD, CURRENT EDITION & SUPPLEMENTS THERETO.
- GRATE & FRAME OR OTHER INLET DETAILS NOT SHOWN SHALL BE ACCORDING TO GA. STD. NO. 500I-M.
- CONCRETE PIPE ON EITHER SIDE OF RETAINING WALL SHALL BE CLASS V FOR ANY DEPTH. JOINTS BETWEEN CONCRETE PIPE SECTIONS ON EITHER SIDE SHALL BE O-RING. PIPE EXTENDING THRU OR UNDER WALL WILL REQUIRE SPECIAL ENCASEMENT PER SEPARATE PLAN DETAILS.
- LONGITUDINAL PIPE SHALL BE OFFSET FROM WALL AS FAR AS FEASIBLE.

DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
REVISION		CONSTRUCTION DETAIL MODIFIED STD. 500I-M DROP INLETS TYPES M-1 & M-3 (FOR USE IN FRONT OF R.E. WALLS)	
BY		JANUARY 1989 NOT TO SCALE	NUMBER D-36