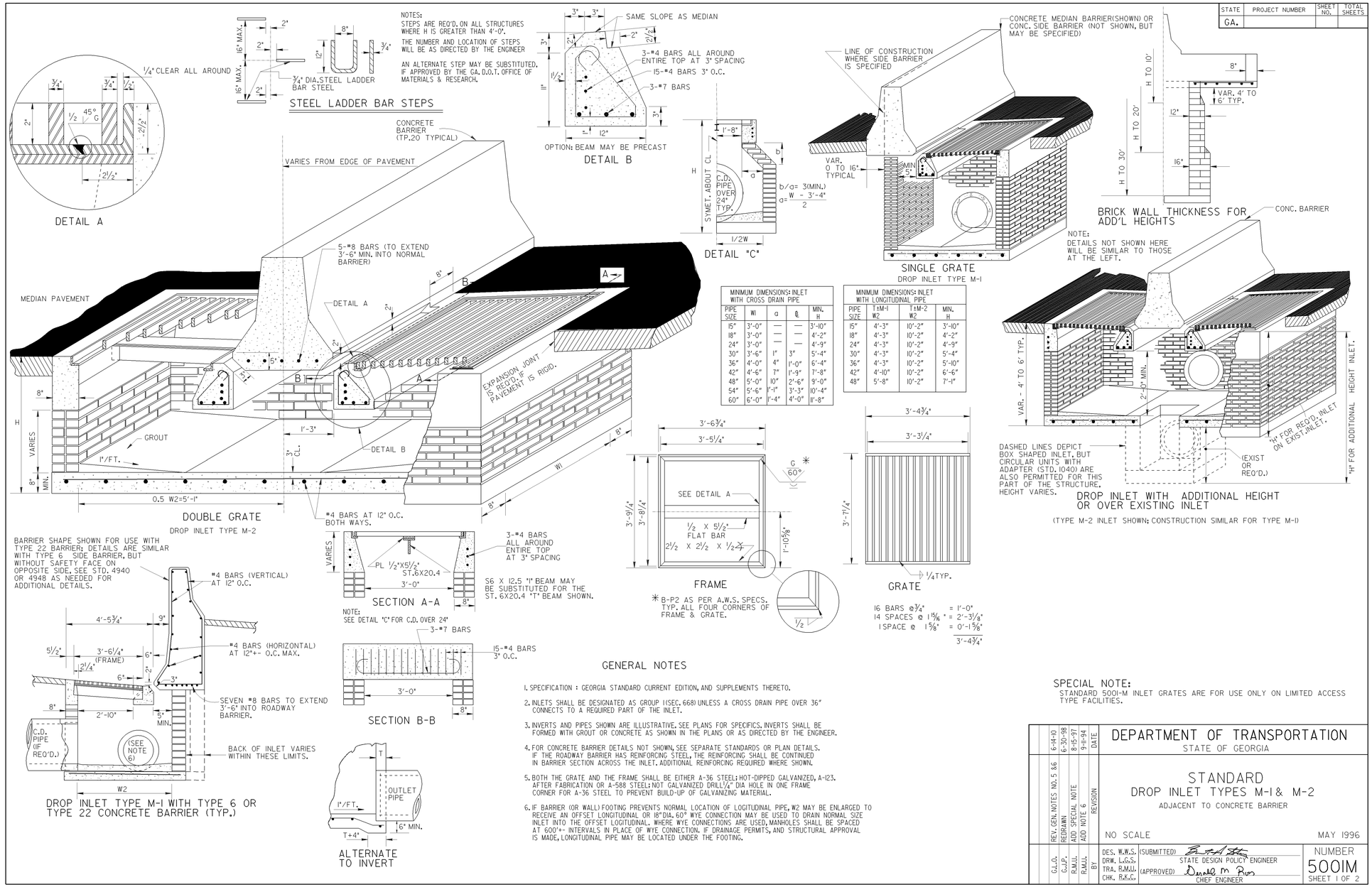
AS-BUILT PLANS 12/12/12



MINIMUM DIMENSIONS: INLET WITH CROSS DRAIN PIPE				
PIPE SIZE	W1	a	b	MIN. H
15"	3'-0"	—	—	3'-10"
18"	3'-0"	—	—	4'-2"
24"	3'-0"	—	—	4'-9"
30"	3'-6"	1"	3"	5'-4"
36"	4'-0"	4"	1'-0"	6'-4"
42"	4'-6"	7"	1'-9"	7'-8"
48"	5'-0"	10"	2'-6"	9'-0"
54"	5'-6"	1'-1"	3'-3"	10'-4"
60"	6'-0"	1'-4"	4'-0"	11'-8"

MINIMUM DIMENSIONS: INLET WITH LONGITUDINAL PIPE			
PIPE SIZE	T=M-1 W2	T=M-2 W2	MIN. H
15"	4'-3"	10'-2"	3'-10"
18"	4'-3"	10'-2"	4'-2"
24"	4'-3"	10'-2"	4'-9"
30"	4'-3"	10'-2"	5'-4"
36"	4'-3"	10'-2"	5'-10"
42"	4'-10"	10'-2"	6'-6"
48"	5'-8"	10'-2"	7'-1"

GENERAL NOTES

1. SPECIFICATION : GEORGIA STANDARD CURRENT EDITION, AND SUPPLEMENTS THERETO.
2. INLETS SHALL BE DESIGNATED AS GROUP 1 (SEC. 668) UNLESS A CROSS DRAIN PIPE OVER 36" CONNECTS TO A REQUIRED PART OF THE INLET.
3. INVERTS AND PIPES SHOWN ARE ILLUSTRATIVE. SEE PLANS FOR SPECIFICS. INVERTS SHALL BE FORMED WITH GROUT OR CONCRETE AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. FOR CONCRETE BARRIER DETAILS NOT SHOWN, SEE SEPARATE STANDARDS OR PLAN DETAILS. IF THE ROADWAY BARRIER HAS REINFORCING STEEL, THE REINFORCING SHALL BE CONTINUED IN BARRIER SECTION ACROSS THE INLET. ADDITIONAL REINFORCING REQUIRED WHERE SHOWN.
5. BOTH THE GRATE AND THE FRAME SHALL BE EITHER A-36 STEEL; HOT-DIPPED GALVANIZED, A-123. AFTER FABRICATION OR A-588 STEEL; NOT GALVANIZED DRILL 1/4" DIA HOLE IN ONE FRAME CORNER FOR A-36 STEEL TO PREVENT BUILD-UP OF GALVANIZING MATERIAL.
6. IF BARRIER (OR WALL) FOOTING PREVENTS NORMAL LOCATION OF LOGITUDINAL PIPE, W2 MAY BE ENLARGED TO RECEIVE AN OFFSET LONGITUDINAL OR 18"DIA. 60° WYE CONNECTION MAY BE USED TO DRAIN NORMAL SIZE INLET INTO THE OFFSET LOGITUDINAL. WHERE WYE CONNECTIONS ARE USED, MANHOLES SHALL BE SPACED AT 600'+- INTERVALS IN PLACE OF WYE CONNECTION. IF DRAINAGE PERMITS, AND STRUCTURAL APPROVAL IS MADE, LONGITUDINAL PIPE MAY BE LOCATED UNDER THE FOOTING.

SPECIAL NOTE:
STANDARD 5001-M INLET GRATES ARE FOR USE ONLY ON LIMITED ACCESS TYPE FACILITIES.

G.L.O.	REV. GEN. NOTES NO. 5 & 6	6-14-10	
G.L.P.	REDRAWN	6-30-98	
R.M.U.	ADD SPECIAL NOTE	8-15-97	
R.M.U.	ADD NOTE 6	9-11-94	
BY	REVISION	DATE	

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
DROP INLET TYPES M-1 & M-2
ADJACENT TO CONCRETE BARRIER

NO SCALE — MAY 1996

DES. W.W.S. (SUBMITTED) STATE DESIGN POLICY ENGINEER
DRW. L.G.S.
TRA. R.M.U.
CHK. R.K.C. (APPROVED) CHIEF ENGINEER

NUMBER 5001M
SHEET 1 OF 2

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.			

THE LPA GROUP
TRANSPORTATION CONSULTANTS
A UNIT OF MICHAEL BAKER CORPORATION
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY
GEORGIA STANDARDS

DRAWING No. 41-033