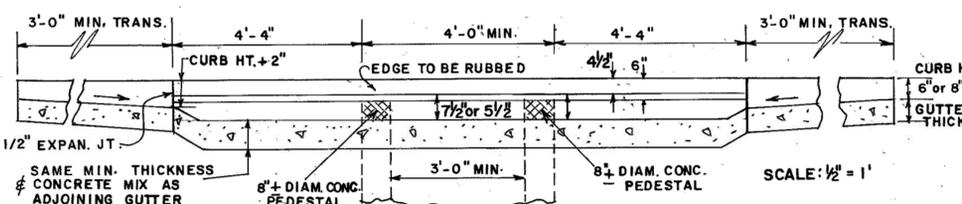
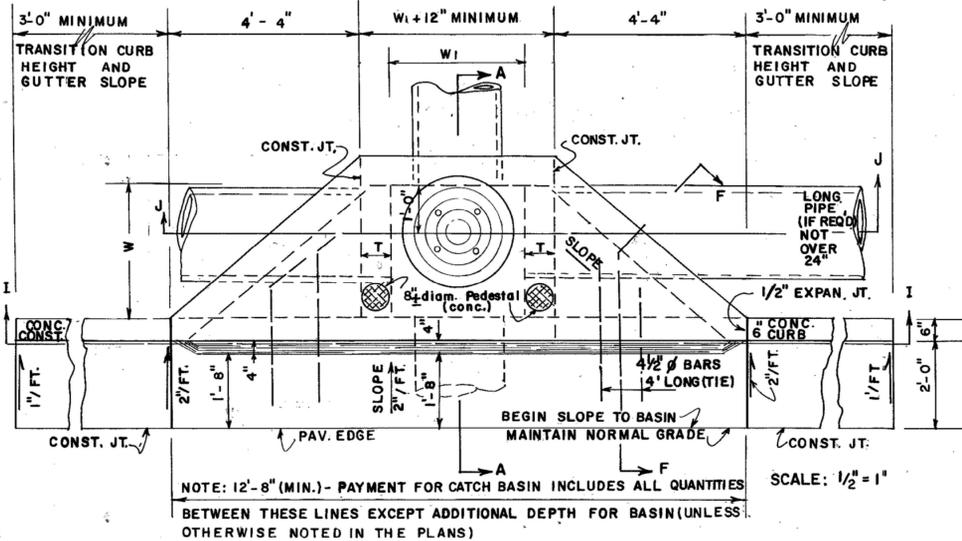


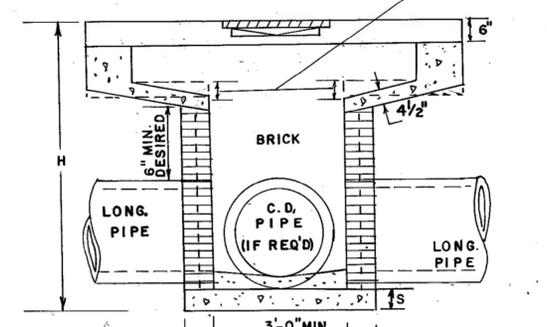
CATCH BASIN

(FOR CATCH BASIN WITH LONGIT. PIPE OVER 24" SEE DETAILS AT RIGHT.)



SECTION I-I

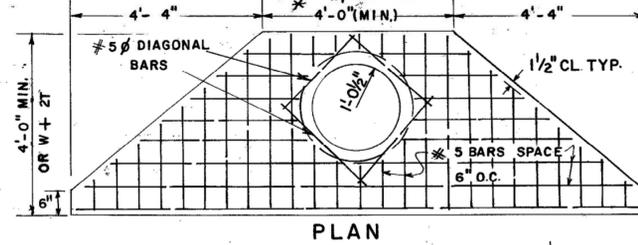
NOTE: NORMAL SLOPE OF CONCRETE APRON TO BE INCREASED UP TO 8" TOTAL WHERE "H" PERMITS AND LONGITUDINAL PIPE IS LOWERED FOR OTHER REASONS.



SECTION J-J

NOTE: PIPE SIZES, NUMBER, ALIGNMENT AND INVERTS SHOWN ARE ILLUSTRATIVE. SEE PLANS FOR SPECIFICS. INVERTS TO BE FORMED WITH GROUT OR CONC. AS SHOWN IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

DETAIL OF TOP REINFORCED CONCRETE SLAB

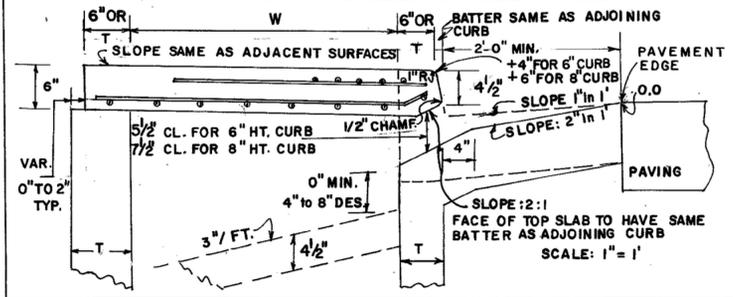


PLAN

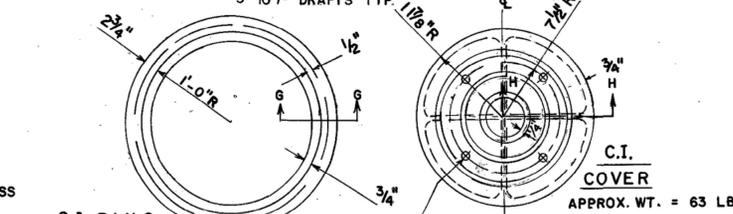
NOTE: ALL BARS IN PLAN VIEW ARE SPACED AT 6" O.C. NOTE: FOR PLAN DETAIL OF REINFORCING STEEL IN TOP PORTION OF SLAB, SEE PART PLAN AT TOP RIGHT.

NOTE: TOP SLAB MAY BE CAST IN PLACE OR PRECAST. IF CAST IN PLACE, BUILDER'S PAPER IS TO BE PLACED BETWEEN THE CATCH BASIN AND TOP SLAB.

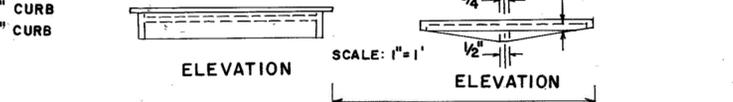
DETAIL OF TOP STAB REINF. STEEL & CLEARANCES REQ'D.



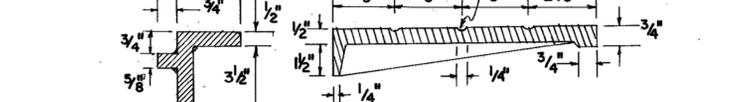
CASTING DETAILS



SECTION F-F



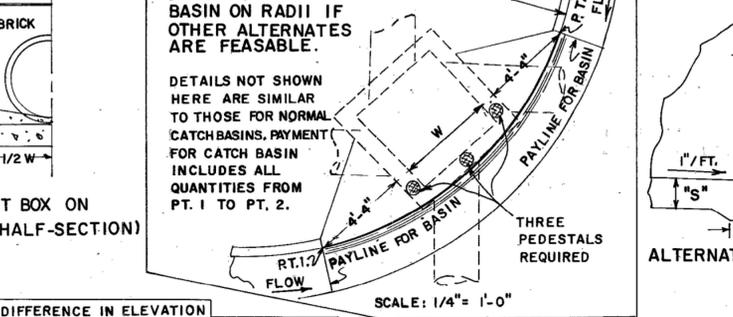
SECTION H-H



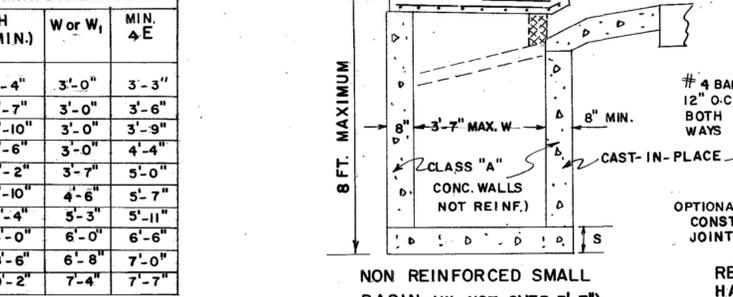
SECTION G-G



CATCH BASIN ON RADII



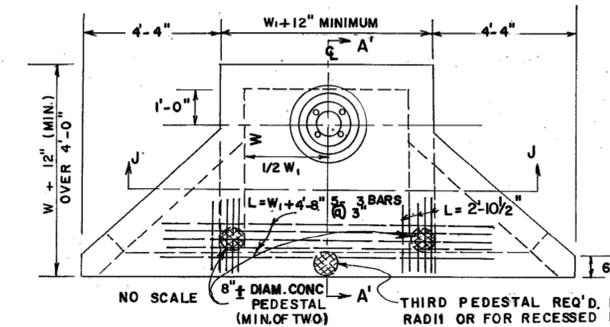
CONSTRUCTION ALTERNATES



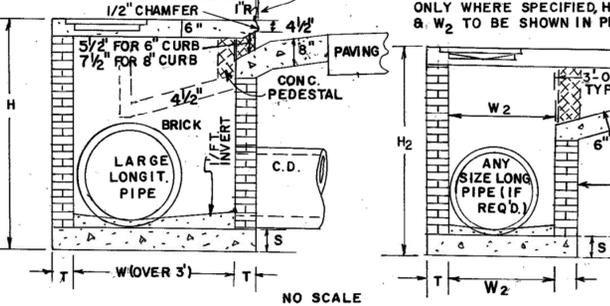
NOTE: THE MIN. H & MIN. ΔE GIVEN IN ABOVE TABLE ARE BASED UPON TYPICAL OUTSIDE DIAMETERS OF CONC. PIPE AND MAY BE VARIED, IF CONDITIONS PERMIT WITH VARIED DIMENSIONS SPECIFIED IN THE PLANS OR DIRECTED BY THE ENGINEER. W & W. DIMENSIONS DO NOT HAVE TO BE EQUAL.

CATCH BASIN (WITH PROTRUDED BACK)

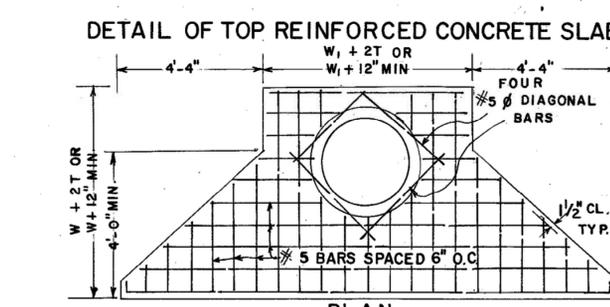
FOR USE WITH LONGITUDINAL PIPE OVER 24" OR FOR USE WITH RECESSED BOX



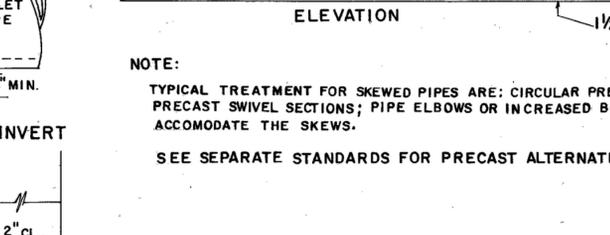
SECTION A-A' (FOR LONGIT. PIPE OVER 24")



SECTION A-A' (FOR RECESSED BOX)



DETAIL OF TOP REINFORCED CONCRETE SLAB



PLAN

NOTE: TYPICAL TREATMENT FOR SKEWED PIPES ARE: CIRCULAR PRECAST UNITS; PRECAST SWIVEL SECTIONS; PIPE ELBOWS OR INCREASED BOX SIZES TO ACCOMMODATE THE SKEWS. SEE SEPARATE STANDARDS FOR PRECAST ALTERNATES.

W or W1 (MAX.)	BOTTOM SLAB MATERIALS	"S"
TO 4'-6"	NON-REINF. CONCRETE OR BRICK	6"
OVER 4'-6"	CONC. REINF. W/ 4 BARS 12" O.C. BOTH WAYS 2" CL. FROM SLAB TOP	8"

ΔE = MINIMUM DIFFERENCE IN ELEVATION FROM PAVEMENT EDGE TO FLOW LINE OF OUTLET PIPE.

PIPE DIA.	H (MIN.)	W or W1	MIN. ΔE
12	4'-4"	3'-0"	3'-3"
15	4'-7"	3'-0"	3'-6"
18	4'-10"	3'-0"	3'-9"
24	5'-6"	3'-0"	4'-4"
30	6'-2"	3'-7"	5'-0"
36	6'-10"	4'-6"	5'-7"
42	7'-4"	5'-3"	5'-11"
48	8'-0"	6'-0"	6'-6"
54	8'-6"	6'-8"	7'-0"
60	9'-2"	7'-4"	7'-7"

RELEASED FOR CONSTRUCTION JANUARY 21, 2015

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

STANDARD
CATCH BASINS
FOR USE WITH CURB (6" OR 8" HT.) & GUTTER (IN SAGS OR LOW POINTS)

SCALE AS SHOWN REV. & RED. AUGUST, 1982

REV. & RED. R.M.U. (SUBMITTED) <i>Floyd C. Hardy</i>	NUMBER
TRA. G.M.E. (APPROVED) <i>James D. ...</i>	1034D
CHK. R.K.C.	STATE HIGHWAY ENGINEER