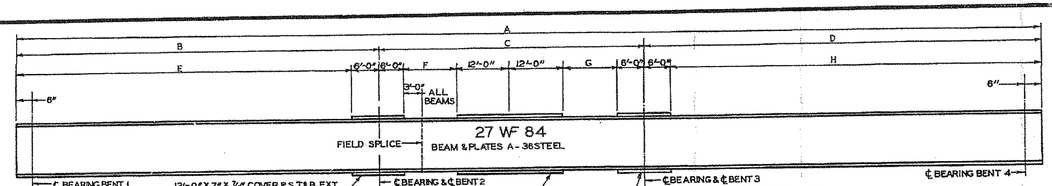
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	CM-285-1(377)	130	258

FED. ROAD DIV. No.	STATE	FED. AID PROJ. No.	STATE AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
3	GA.	I-285-1 (24)78		62	474	521

BRIDGE SHEET NO.4



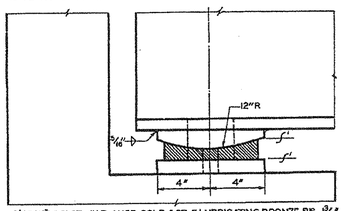
NOTE: FOR COVER PLATE WELDING DETAILS, SEE MISCELLANEOUS DETAILS LT. & RT. BRIDGE.

BEAM DIMENSIONS	A	B	C	D	E	F	G	H	BEAM GRADES IN %
BEAM 1	107'-7"	27'-4"	48'-9"	31'-6"	21'-6"	6'-4 1/2"	6'-4 1/2"	25'-6"	.3660
BEAM 2	108'-1 1/16"	27'-7 13/16"	48'-7 11/16"	31'-7 11/16"	21'-7 13/16"	6'-3 7/8"	6'-3 11/16"	25'-9 11/16"	.3964
BEAM 3	108'-7 5/8"	27'-11 5/8"	48'-6 1/16"	32'-1 3/8"	21'-11 5/8"	6'-3 3/8"	6'-3 5/16"	26'-1 3/8"	.4362
BEAM 4	109'-2 1/4"	28'-3 3/4"	48'-5 3/8"	32'-5 1/16"	22'-3 3/4"	6'-2 13/16"	6'-2 15/16"	26'-5 1/16"	.5873
BEAM 5	109'-8 3/4"	28'-7 1/4"	48'-4 9/16"	32'-8 3/16"	22'-7 1/4"	6'-2 5/16"	6'-2 5/16"	26'-8 3/16"	.5951
BEAM 6	110'-3 3/8"	28'-11 3/16"	48'-3 3/4"	33'-0 7/16"	22'-11 3/8"	6'-1 15/16"	6'-1 15/16"	27'-0 7/16"	.6027
BEAM 7	110'-9 13/16"	29'-3 7/16"	48'-2 11/16"	33'-4 5/16"	23'-3 1/16"	6'-1 3/8"	6'-1 3/16"	27'-4 5/16"	.6104

NOTE: DIMENSION "A" IS THE TOTAL BEAM LENGTH.

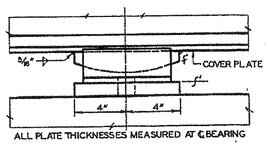
INTERIOR & EXTERIOR BEAM DETAIL

10" X 8" X 13/8" SOLE & USE 12" RADIUS
10" X 7" X 3/8" SELF LUBRICATING BRONZE P.S.
10" X 8" X T" BASE PLATE.



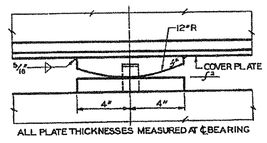
3 1/2" X 1 3/8" SLOT IN FLANGE, SOLE, & SELF LUBRICATING BRONZE P.S. 13/16" HOLE IN BASE PLATE FOR 1" ϕ ANCHOR BOLTS. ALL PLATE THICKNESSES MEASURED AT ℄ BEARING.

8" X 10" X 1/2" SOLE PLATE USE 12" RADIUS
7" X 10" X 3/8" SELF LUBRICATING BRONZE P.S.
8" X 1'-6" X T" BASE PLATE



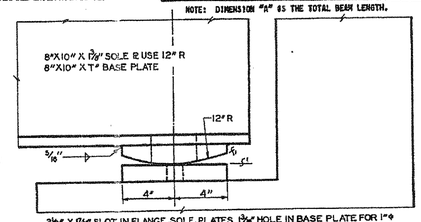
ALL PLATE THICKNESSES MEASURED AT ℄ BEARING

1'-6" X 8" X T" BASE PLATE
8" X 10" X 1/2" SOLE & USE 12" R.



ALL PLATE THICKNESSES MEASURED AT ℄ BEARING

8" X 10" X 1 3/8" SOLE & USE 12" R
8" X 10" X T" BASE PLATE

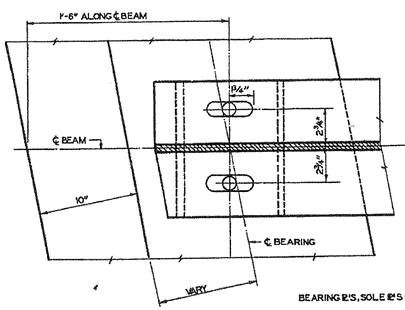


3 1/2" X 1 3/16" SLOT IN FLANGE, SOLE, PLATES. 13/16" HOLE IN BASE PLATE FOR 1" ϕ ANCHOR BOLT. ALL PLATE THICKNESSES MEASURED AT ℄ BEARING.

BASE PLATE THICKNESSES "T"	BEAM 1	BEAM 2	BEAM 3	BEAM 4	BEAM 5	BEAM 6	BEAM 7
BENT 1	1"	1"	1"	1"	1 3/8"	1"	1 3/16"
BENT 2	1"	1"	1"	1"	1 15/16"	1"	1"
BENT 3	1 3/8"	1 3/8"	1 3/8"	1 3/8"	2 9/16"	1 3/8"	1 3/8"
BENT 4	1"	1"	1"	1 1/8"	1"	1 1/8"	1"

f^1 = A.S.A. = 125 EXP. ENDS
f^2 = A.S.A. = 250 FIX. ENDS

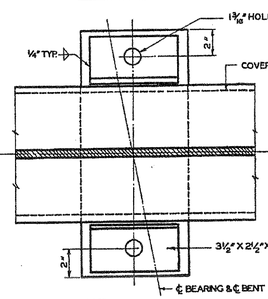
ELEVATION



PLAN

BEARING P.S., SOLE P.S. MAY BE A7. OR A36 STEEL.

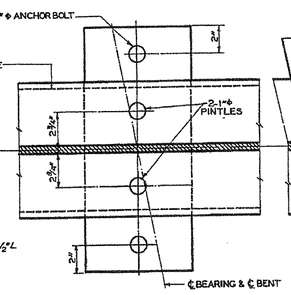
ELEVATION



PLAN

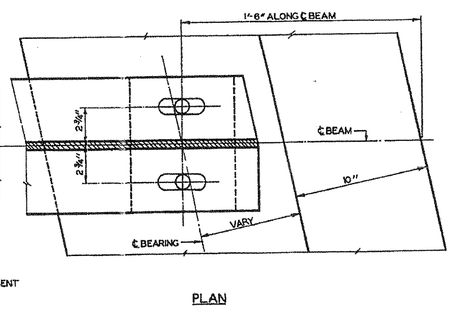
NOTE: ALL ANCHOR BOLTS SHALL BE 1" ϕ SWEDGED WITH A.S.R. HEX. NUTS & 3" X 3" X 1/4" PLATE WASHER. SET BOLTS 12" INTO CONCRETE.

ELEVATION

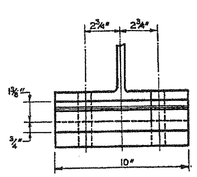


PLAN

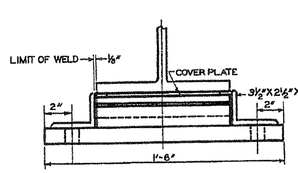
ELEVATION



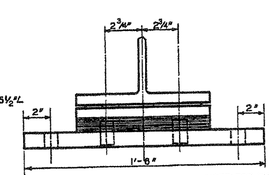
PLAN



SECTION
BEARING DETAILS BENT 1

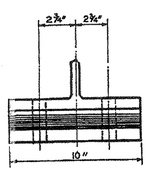


SECTION
BEARING DETAILS BENT 2



NOTE: FOR PINTLE DETAIL SEE BEAM AND BEARING DETAILS RT. BRIDGE.

SECTION
BEARING DETAILS BENT 3



SECTION
BEARING DETAILS BENT 4

BRIDGE NO. 25

STATE HIGHWAY DEPARTMENT OF GEORGIA
BRIDGE DEPARTMENT

BEAM AND BEARING DETAILS
LT. BRIDGE OVER DELMAR LANE
STA. 93+57.5 TO STA. 94+69.5
FULTON COUNTY I.285-1(24)78

NO SCALE JULY 1963

DATE | REVISIONS | BY

DESIGNED A.M.K. | TRACED B.R.K. | REVIEWED R.N.J.
DRAWN D.S.W. | CHECKED K.L.B. | APPROVED