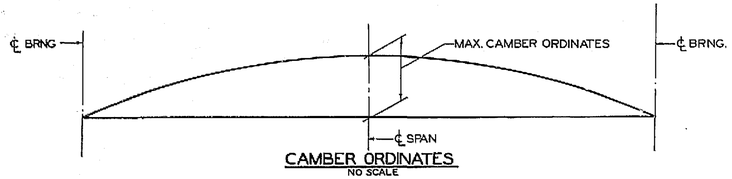
FED. ROAD DIV. No.	STATE	FED. AID PROJ. No.	STATE AID PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
3	GA.	I 85-1 (39)46		67	157	370

CH-3

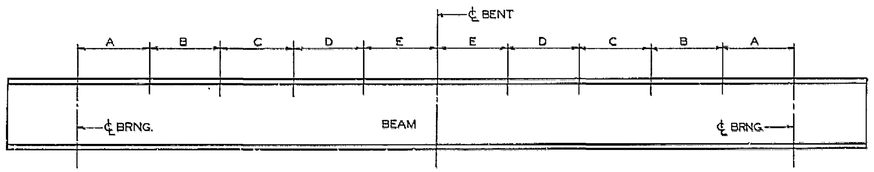


CAMBER ORDINATES
NO SCALE

MAXIMUM CAMBER ORDINATES							
REMARKS	SPAN 1	SPAN 2	SPAN 3	SPAN 4	SPAN 5	SPAN 6	SPAN 7
LT. BRIDGE	0	3 3/4"	4"	3 11/16"	4"	3 11/16"	1 1/4"
RT. BRIDGE	2"	4"	4"	3 11/16"	3 5/8"	3 7/16"	0

NOTE: CAMBER SHOWN IS THAT REQUIRED AFTER SHEAR CONNECTORS ARE PLACED.

TABLE OF MAX. DEAD LOAD DEFLECTIONS			
SPANS	D.L.D. OF BEAMS & C-℄	D.L.D. TOTAL	D.L.D. OF PARAPETS & HANDRAILING
1 RT.	5/16"	1 15/16"	3/16"
1 LT.	0	3/16"	1/16"
7 RT.	0	1/8"	0
7 LT.	1/8"	1 1/8"	1/8"
3 LT., 3 RT., 5 LT., 5 RT., 2 RT.	11/16"	3 7/16"	3/8"
4 LT., 4 RT., 6 LT., 6 RT., 2 LT.	5/8"	3 1/4"	3/8"

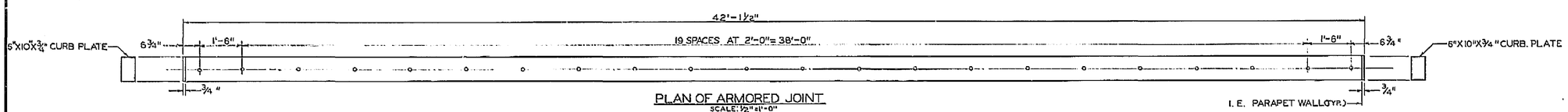


SHEAR CONNECTOR SPACING
NO SCALE

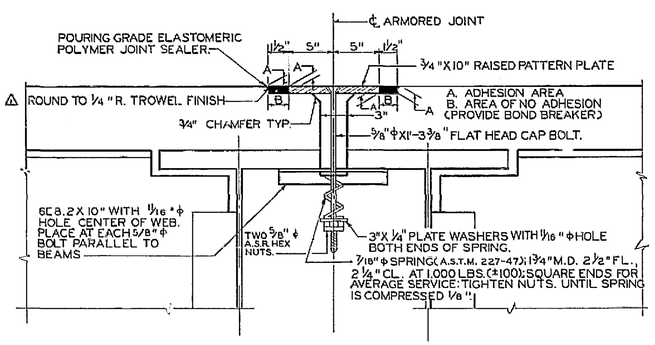
NOTE: STEEL DESIGNATION FOR BEAMS IN SPAN NO. 1 LEFT BRIDGE, SPAN NO. 7 RIGHT BRIDGE, STRADDLE BEAMS, BEARING ASSEMBLIES, DIAPHRAGMS, ARMORED JOINTS, PLATES, BOLTS, ETC., SHALL BE A.S.T.M. A-36.

ALL OTHER BEAMS AND/OR COVER PLATES SHALL BE A.S.T.M. A-441.

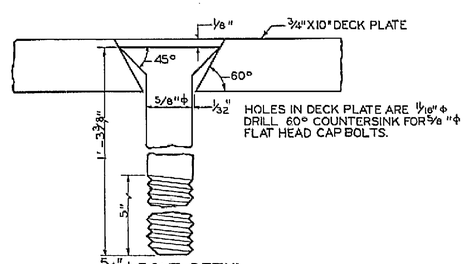
SHEAR CONNECTOR SPACING						
SPANS	BEAMS	A	B	C	D	E
SPAN NO. 1 RT.	1 AND 6	15 AT 5 1/4"	13 AT 6"	10 AT 7 3/4"	9 AT 9"	7 AT 10 3/8"+
	2 AND 5	17 AT 4 5/8"	15 AT 5 1/4"	12 AT 6 3/4"	9 AT 8 1/2"	8 AT 9 7/16"+
	3 AND 4	17 AT 4 5/8"	15 AT 5 1/4"	12 AT 6 3/4"	9 AT 8 1/2"	8 AT 9 7/16"+
SPAN NO. 2 RT.	1 AND 6	18 AT 6"	16 AT 6 3/4"	13 AT 8 7/16"	11 AT 10"	8 AT 11 3/8"+
	2 AND 5	22 AT 5"	19 AT 5 3/4"	14 AT 7 9/16"	12 AT 8 7/16"	9 AT 11 7/16"-
	3 AND 4	20 AT 5 7/16"	17 AT 6 5/16"	14 AT 7 3/4"	11 AT 9 1/2"	9 AT 11"+
SPAN NO. 2 LT.	1 AND 6	17 AT 6 7/16"	16 AT 6 9/16"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 11 7/16"+
	2 AND 5	19 AT 5 7/16"	17 AT 6 1/16"	13 AT 7 15/16"	11 AT 9 3/8"	9 AT 11 1/8"+
	3 AND 4	18 AT 5 3/4"	17 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 10 7/16"-
SPAN NO. 3 LT. & 3 RT.	1 AND 6	18 AT 6"	16 AT 6 3/4"	13 AT 8 7/16"	11 AT 10"	9 AT 11 1/8"-
	2 AND 5	22 AT 5"	19 AT 5 3/4"	14 AT 7 9/16"	12 AT 8 15/16"	10 AT 10 3/4"-
	3 AND 4	20 AT 5 7/16"	17 AT 6 9/16"	14 AT 7 5/8"	11 AT 9 1/2"	11 AT 9 3/4"±
SPAN NO. 4 RT.	1 AND 6	17 AT 6 1/16"	16 AT 6 5/8"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 11 1/8"+
	2 AND 5	19 AT 5 7/16"	17 AT 6 1/16"	13 AT 7 15/16"	11 AT 9 3/8"	10 AT 9 15/16"+
	3 AND 4	18 AT 5 3/4"	17 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 11 1/8"-
SPAN NO 4 LT.	1 AND 6	17 AT 6 1/16"	16 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 11 7/16"+
	2 AND 5	19 AT 5 7/16"	17 AT 6 1/16"	13 AT 7 15/16"	11 AT 9 3/8"	10 AT 10 1/8"-
	3 AND 4	18 AT 5 3/4"	17 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	10 AT 10 1/4"+
SPAN NO 5 LT. & 5 RT.	1 AND 6	18 AT 6"	16 AT 6 3/4"	13 AT 8 7/16"	11 AT 10"	9 AT 9 1/4"+
	2 AND 5	22 AT 5"	19 AT 5 3/4"	14 AT 7 9/16"	12 AT 8 15/16"	10 AT 10 3/8"+
	3 AND 4	20 AT 5 7/16"	17 AT 6 5/16"	14 AT 7 5/8"	11 AT 9 1/2"	10 AT 10 3/8"+
SPAN NO. 6 RT.	1 AND 6	17 AT 6 1/16"	16 AT 6 7/16"	12 AT 8 5/8"	10 AT 10 1/4"	9 AT 10 11/16"-
	2 AND 5	19 AT 5 7/16"	17 AT 6 1/16"	13 AT 7 15/16"	11 AT 9 3/8"	9 AT 9 3/4"+
	3 AND 4	18 AT 5 3/4"	17 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	8 AT 10 7/16"+
SPAN NO. 6 LT.	1 AND 6	17 AT 6 1/16"	16 AT 6 7/16"	12 AT 8 5/8"	10 AT 10 1/4"	8 AT 11 3/8"+
	2 AND 5	19 AT 5 7/16"	17 AT 6 1/16"	13 AT 7 15/16"	11 AT 9 3/8"	8 AT 10 1/16"+
	3 AND 4	18 AT 5 3/4"	17 AT 6 1/16"	12 AT 8 5/8"	10 AT 10 1/4"	8 AT 10 3/8"-
SPAN NO. 7 LT.	1 AND 6	11 AT 6 5/8"	10 AT 6 13/16"	8 AT 8 7/16"	7 AT 9 5/8"	6 AT 11 7/16"+
	2 AND 5	12 AT 5 5/8"	11 AT 6 3/4"	9 AT 7 11/16"	8 AT 8 1/2"	7 AT 7 11/16"-
	3 AND 4	12 AT 5 5/8"	11 AT 6 3/4"	9 AT 7 1/2"	8 AT 8 1/2"	8 AT 8 1/2"+



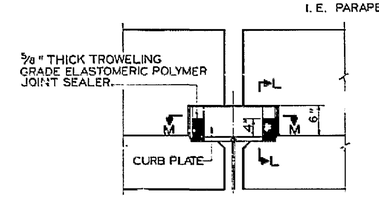
PLAN OF ARMORED JOINT
SCALE: 1/2" = 1'-0"



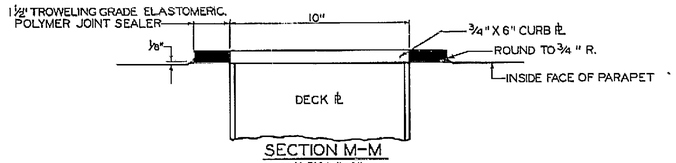
SECTION AT ARMORED JOINT
SCALE: 1 1/2" = 1'-0"



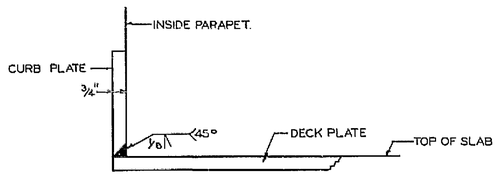
5/8" ϕ BOLT DETAIL
FULL SCALE



SECTION LOOKING AT CURB PLATE
NO SCALE



SECTION M-M
SCALE: 3" = 1'-0"



SECTION L-L
SCALE: 3" = 1'-0"

BRIDGE NO. 1 LT. & 1 RT.

STATE HIGHWAY DEPARTMENT OF GEORGIA
BRIDGE DEPARTMENT

MISCELLANEOUS SUPERSTRUCTURE DETAILS
BRIDGES OVER TRANSCONTINENTAL GAS PIPE LINES
COWETA COUNTY — I. 85-1(39)46

SCALE: AS SHOWN — OCTOBER 1968

REVISIONS	BY	DATE
Sh. 2, rev. & K. Sect. at A. Jr.	J.P.H.	2-7-69
D.L.D. TABLE	M.W.C.	8/5/69

BRIDGE SHEET 6 OF 18

DESIGNED B.L.M. — DRAWN M.W.C. — TRACED V.M.D. — CHECKED J.P. JR. — REVIEWED F.B. — APPROVED