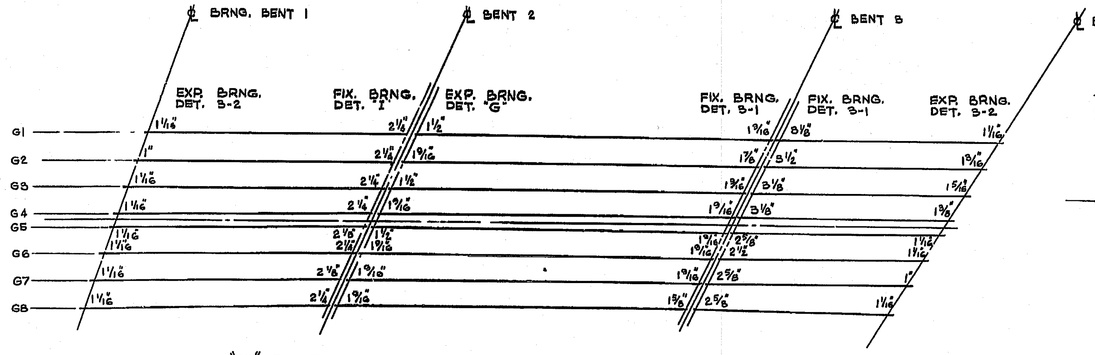
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M001-00(167)	12	26



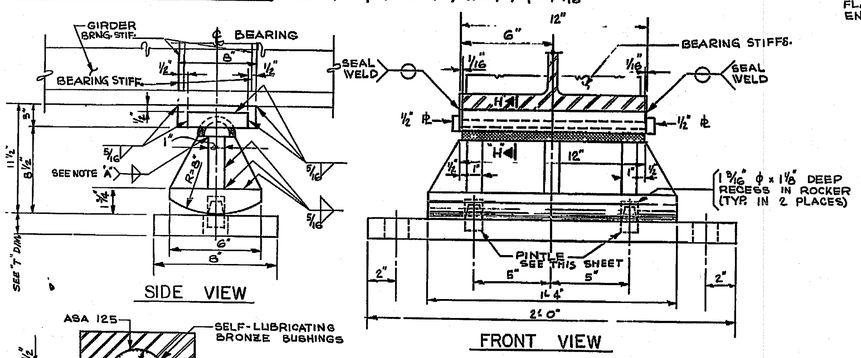
"T" DIMENSION FOR BEARING PLATES

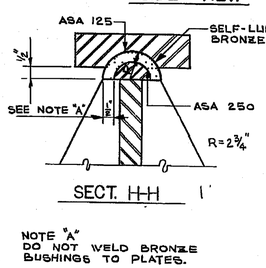
BRNG. ⊥ SIZES - BENT 1 & 4 L=12"; W=8"
BENT 2 SPAN 1 & 2, SEE DET. "I" & "G"
BENT 3 SPAN 2 L=16"; W=8"
SPAN 3 L=12"; W=8"

SOLE ⊥ SIZES - BENT 1 L=7"; W=8"; T=1¼"; Z=3/16" FOR G1-G4; Z=5/32" FOR G5-G8
BENT 2 SPAN 1 & 2 SEE DET "I" & "G"
BENT 3 SPAN 2 L=12"; W=8"; T=1 5/8"; Z=3/16"
SPAN 3 L=7"; W=7"; T=2" (3); Z=5/32"
BENT 4 L=7"; W=8"; T=1" (3); Z=3/16"

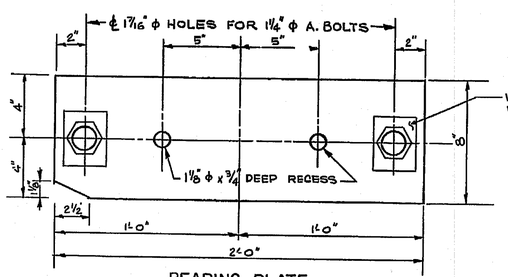
SELF LUBRICATING ⊥ SIZES - BENT 1 & 4 L=7"; W=7"; T=1 5/16"

(3) NOTE: WELD SOLE PLATE ALL AROUND WHERE APPLICABLE.

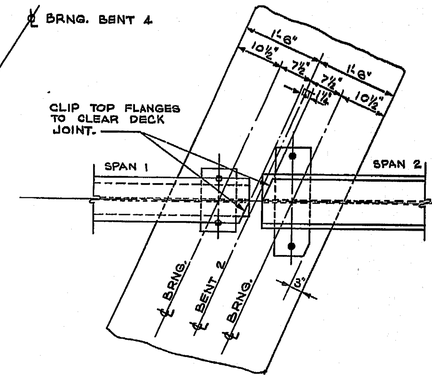




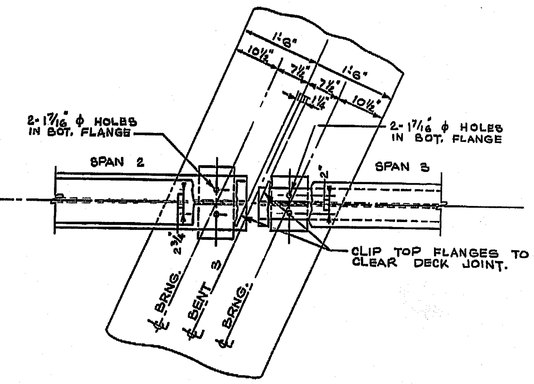
NOTE "A" DO NOT WELD BRONZE BUSHINGS TO PLATES.



EXPANSION BEARING
DETAIL "G"
NO SCALE

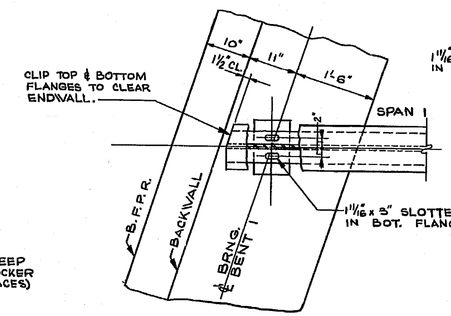


PLAN OF GIRDERS AT BENT 2
SCALE: 3"=4'-0"

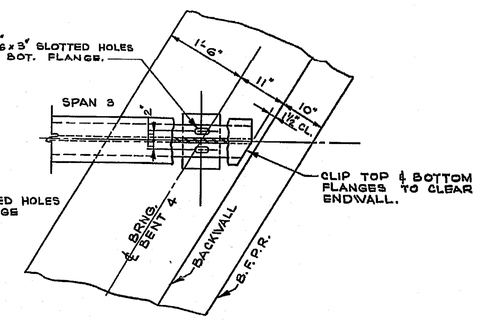


PLAN OF GIRDERS AT BENT 3
SCALE: 3"=4'-0"

NOTES:
1. BEARING ASSEMBLIES AT BENT 2 AHEAD ARE TO BE CLEANED WITH A WIRE BRUSH AND REUSED.
2. BEARING ASSEMBLIES AT BENT 3 BACK, 3 AHEAD AND 4 ARE TO BE CLEANED, PAINTED AND REUSED.
3. ANCHOR BOLTS AT BENTS 3 BACK AND 3 AHEAD SHALL BE REPLACED USING SAME SIZE ANCHOR BOLTS, EXCEPT ANCHOR BOLTS SHALL BE ASTM A276 TYPE 304 STAINLESS STEEL.
4. EXISTING ANCHOR BOLTS AT BENTS 2 AHEAD AND 4 SHALL BE REUSED.



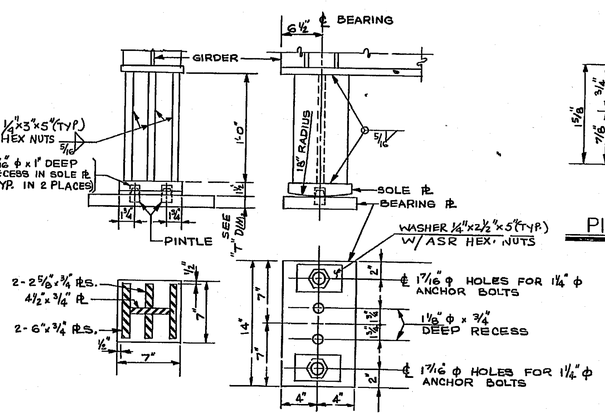
PLAN OF GIRDERS AT BENT 1
SCALE: 3"=4'-0"



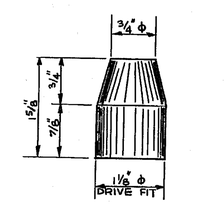
PLAN OF GIRDERS AT BENT 4
SCALE: 3"=4'-0"

GIRDER SLOPE TABLE			
GIRDER	SPAN 1	SPAN 2	SPAN 3
	SLOPE IN FT./FT.	SLOPE IN FT./FT.	SLOPE IN FT./FT.
G1	0.0221	0.0222	0.0208
G2	0.0228	0.0229	0.0215
G3	0.0236	0.0237	0.0223
G4	0.0243	0.0244	0.0233
G5	0 0179	0.0202	0.0205
G6	0.0189	0.0206	0.0209
G7	0.0199	0.0210	0.0213
G8	0.0210	0.0215	0.0217

NOTES:
1. SEE DETAIL SHEET 3 FOR BEARING ASSEMBLY NOTES.
2. FOR BEARINGS INDICATED IN DETAILS "I" AND "G", USE 1¼" ϕ SWEDGED ANCHOR BOLTS WITH A.S.I. HEX NUTS AND 3"x¼"x0'-3" CUT WASHERS. SET ANCHOR BOLT 15" IN CONCRETE.
3. USE 1¼ ϕ ANCHOR BOLTS AS FOLLOWS:
BT. 1, BT. 2 SPAN 1, BT. 3 SPAN 2, BT. 4 — LENGTH = 23" W/THREAD = 5" — 64 REQ'D.
BT. 2 SPAN 2 — LENGTH = 19" W/THREAD = 3" — 16 REQ'D.
BT. 3 SPAN 3 — LENGTH = 25" W/THREAD = 3" — 16 REQ'D.



FIXED BEARING
DETAIL "I"
SCALE: 3"=2'-0"



PINTLE DETAIL

BRIDGE NO. 4 & 5

SIMONS · EASTERN COMPANY
ATLANTA, GEORGIA

GEORGIA
DEPARTMENT OF TRANSPORTATION
HIGHWAY DIVISION-BRIDGE DESIGN

STRUCTURAL STEEL DETAILS - SHEET NO. 2
I-285 OVER S.R. 400
FULTON COUNTY — I-FI-285-1(84)88 CT.3
SCALE: AS SHOWN — DATE: JAN., 1974

BY	No.	REVISIONS	DATE
HUL		1(REV. SOLE PLATE & PINTLE DETAIL)	1-16-75

BRIDGE SHEET 8 OF 20
FILE 0203
SIMECO JOB NO 73 / 1123
BRIDGE SHEET 6 OF 13

DESIGNED VP
DRAWN RFR
TRACED
CHECKED RSE
REVIEWED
APPROVED