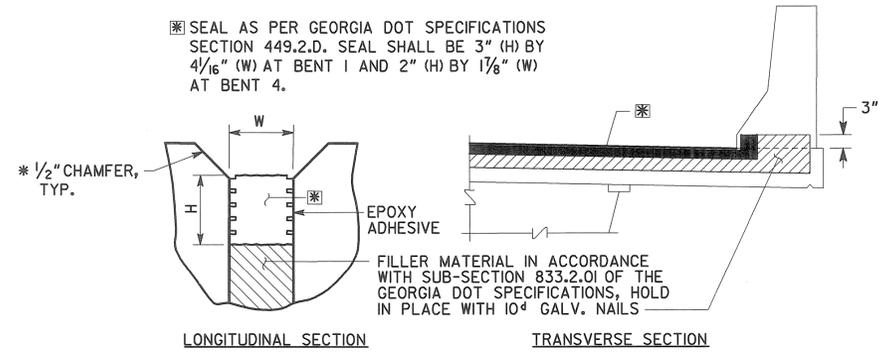


JOINT OPENING				
TEMP (°F)	30	60	90	
BENT 1	"W" (IN)	3 3/8	2 1/2	1 5/8
BENT 4	"W" (IN)	1 3/4	1 3/8	1

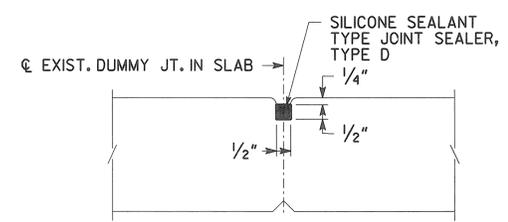
SEAL AS PER GEORGIA DOT SPECIFICATIONS SECTION 449.2.D. SEAL SHALL BE 3" (H) BY 4 1/16" (W) AT BENT 1 AND 2" (H) BY 1 7/8" (W) AT BENT 4.



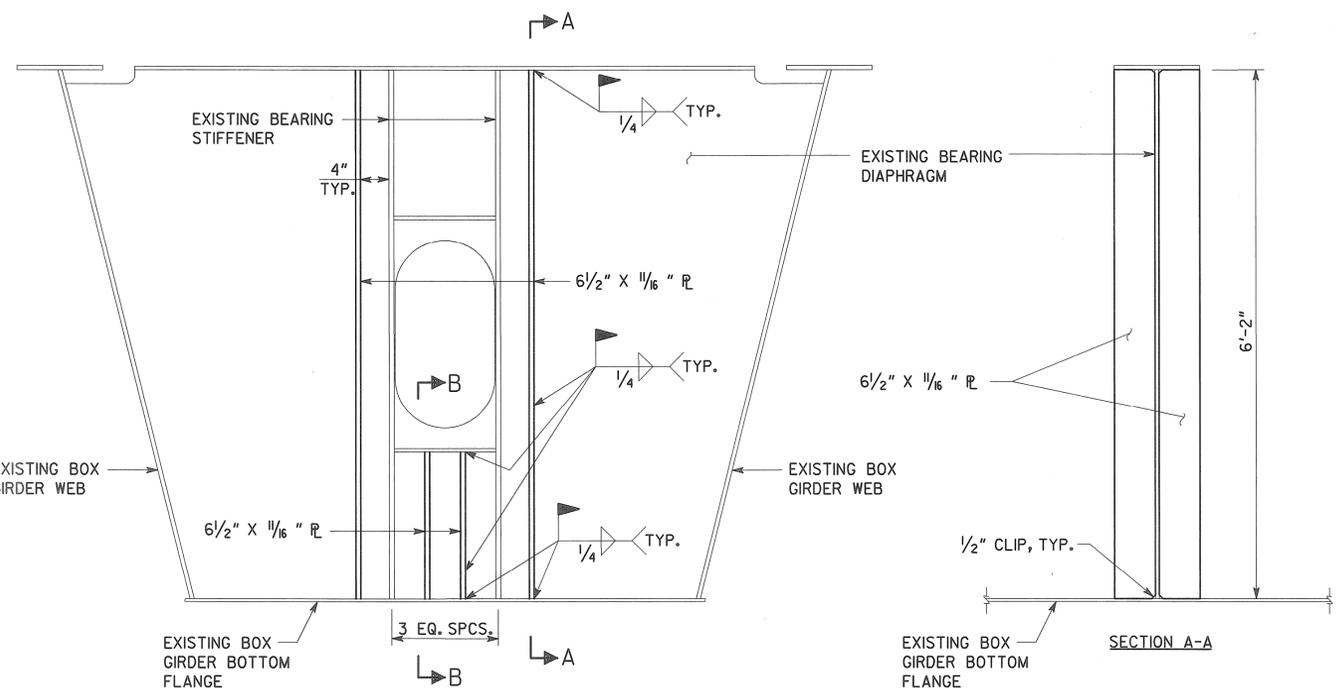
EXPANSION JOINT DETAILS

NOTES:

- "W" (JOINT WIDTH) SHALL BE BASED ON THE AVERAGE BEAM TEMPERATURE.
- PRORATE "W" BETWEEN TEMPERATURE VALUES SHOWN.
- ASSUMED NORMAL TEMPERATURE IS 60° F.
- RESEAL JOINT BETWEEN BACKWALL AND APPROACH SLAB AT BENT 4 PER GA. STD. 9017M. COST SHALL BE INCLUDED IN PAY ITEM 461-2000.
- \* CONSTRUCTION SHALL NOT DEVIATE FROM THIS DETAIL UNLESS APPROVED BY THE STATE BRIDGE MAINTENANCE ENGINEER.



CONST./DUMMY JOINT RESEAL DETAIL  
BENTS 2, 3 AND ALL EXISTING INTERMEDIATE POURS ONLY

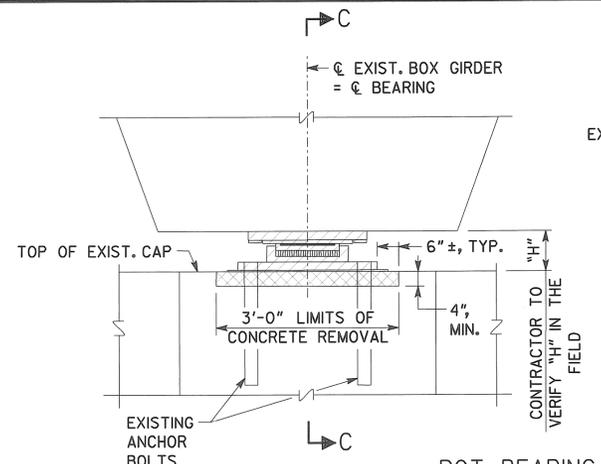


BEARING STIFFENER DETAIL  
ABUTMENT 1 AND 4 ONLY

NOTE:  
ALL BEARING STIFFENER PLATES SHALL MEET THE REQUIREMENTS OF ASTM A 709 GRADE 36W. COST FOR FURNISHING AND INSTALLING BEARING STIFFENERS SHALL BE INCLUDED IN THE PRICE BID FOR PAY ITEM 501-2000.

QUANTITIES	
ITEM	QUANTITY
CU YD TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC	2
LB BAR REINF STEEL	64
LB STR STEEL	2890

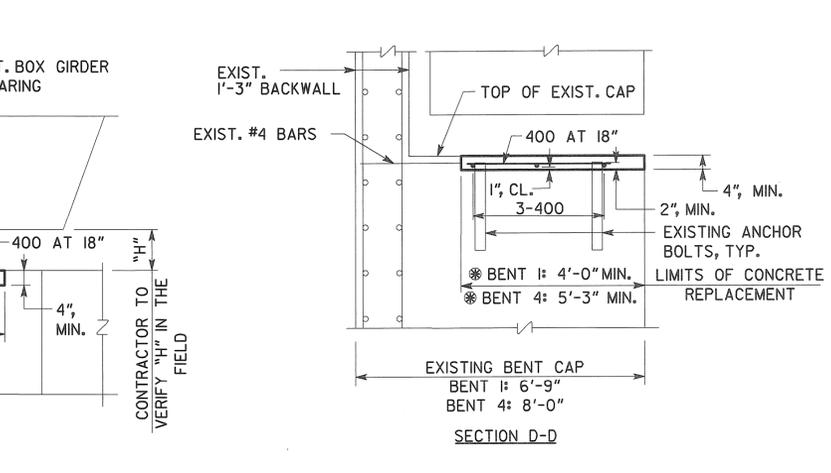
NOTE: INFORMATION TAKEN FROM ORIGINAL PLANS.



POT BEARING REMOVAL DETAIL  
ABUTMENT 1 AND 4 ONLY

NOTES:

- EXERCISE CARE SO THAT THE EXISTING REINFORCEMENT IS NOT DAMAGED. REPLACE ANY EXISTING REINFORCEMENT DAMAGED DURING REMOVAL AT NO ADDITIONAL COST TO THE DEPARTMENT.
- REMOVE EXISTING ANCHOR BOLTS TO 2" ABOVE LIMITS OF CONCRETE REMOVE.
- CONCRETE SHALL NOT BE REMOVED BEYOND LIMITS OF CONCRETE REMOVAL UNLESS DIRECTED BY THE ENGINEER.
- MEASURED ALONG CL OF BOX GIRDER.



END BENT CAP RECONSTRUCTION DETAIL  
ABUTMENT 1 AND 4 ONLY

NOTES:

- CONCRETE REMOVED SHALL BE REPLACED TO MATCH EXISTING CONDITION, AS SHOWN IN THE EXISTING PLANS AND IN ACCORDANCE WITH THESE DETAILS. COST SHALL BE INCLUDED IN PAY ITEM 504-0600, TWENTY-FOUR HOUR ACCELERATED STRENGTH CONC.
- EMBEDDED BEARING PLATE NOT SHOWN FOR CLARITY.
- 400 BARS SHALL BE TIED TO EXISTING ANCHOR BOLTS.
- MAINTAIN 2" CL. TO ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
- MEASURED ALONG CL OF BOX GIRDER.

EXISTING BRIDGE SERIAL NO. 063-0099-0  
EXISTING BRIDGE I.D. NO. 063-09096M-001.81E  
PROJECT P.I. NO. M004157  
BRIDGE NO. 1

**HL** Heath & Lineback Engineers  
INCORPORATED  
2390 CANTON ROAD, BUILDING 200  
MARIETTA, GEORGIA 30066-5393  
(770)424-1668

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
ENGINEERING DIVISION - OFFICE OF BRIDGES AND STRUCTURES

MISCELLANEOUS DETAILS

CLARK HOWELL HWY OVER I-285  
CLAYTON COUNTY P.I. NO. M004157

NO SCALE DECEMBER 2010

DESIGNED	TBS	CHECKED	FRB/KAK	BMU REVIEWED	CBB
DRAWN	TBS	REVIEWED	MS	APPROVED	MLC/PVL