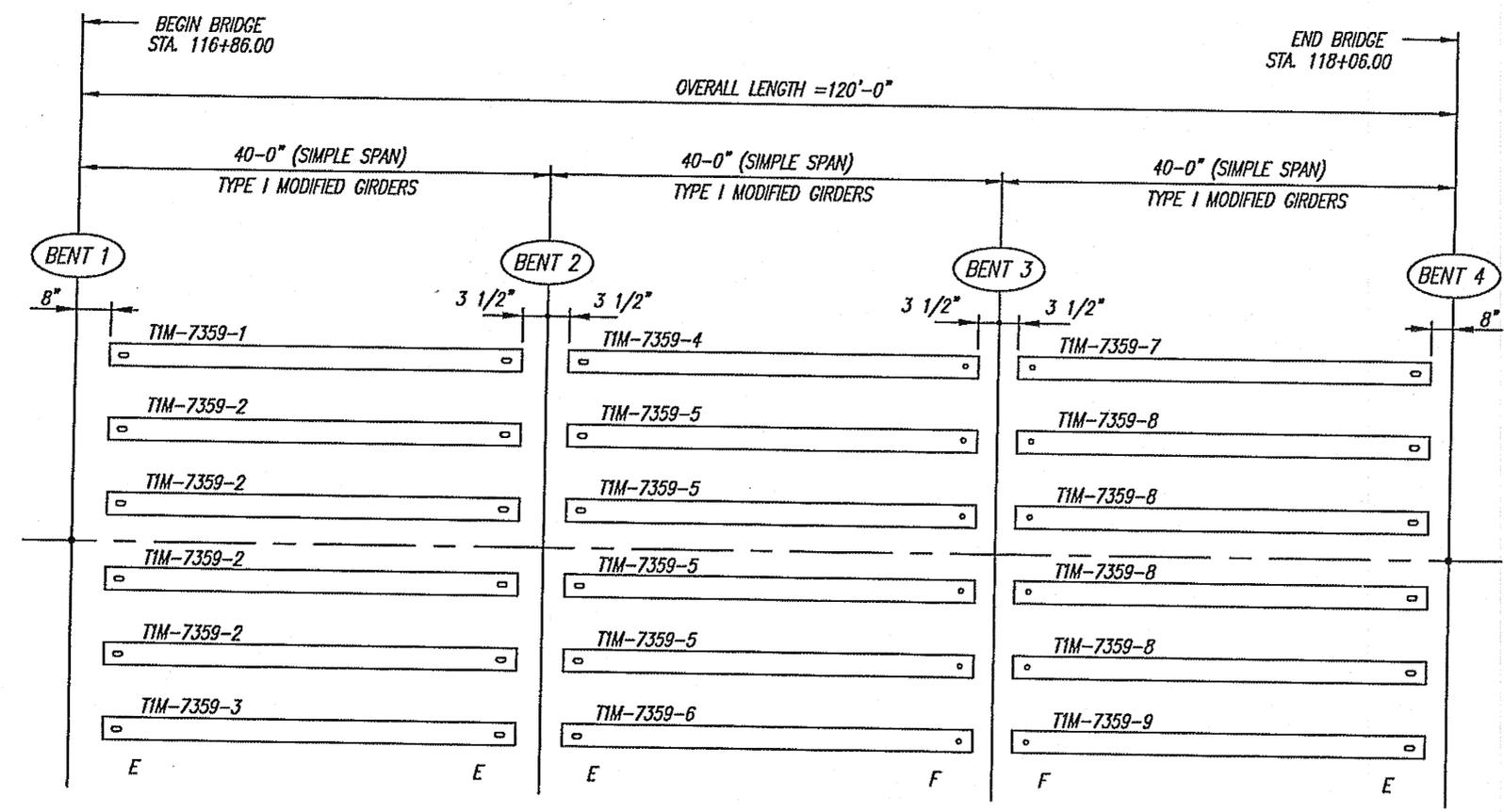


COUNTY	PROJECT NUMBER	SHEET NO.
HEARD	BRSTO-2797-00(004)	112A



ERECTION PLAN - BRIDGE 1
BRIDGE REPLACEMENT ON
SR 100 OVER CLEAR CREEK
STA. 116+86.00 - STA. 118+06.00
HEARD COUNTY, GEORGIA

INDEX TO SHEETS	
SHEET NO.	DESCRIPTION
1 OF 6	ERECTION PLAN
2 OF 6	REDESIGN DETAILS SPANS 1-3
3 OF 6	REINFORCING SCHEDULE
4 OF 6	GIRDER DETAILS (TYPE 1 MOD.)
5 OF 6	ELONGATION CALCULATIONS & MATERIALS
6 OF 6	BENTS 2 & 3

DATE: 7/17/12

Approved in general. Details not checked. This approval shall not relieve the Contractor of any responsibility for conformity with the contract Plans and Specifications.

Georgia DOT
Office of Bridge Design

GENERAL NOTES By: [Signature]

- GENERAL CONTRACTOR SHALL FIELD CHECK & VERIFY ALL DIMENSIONS & CONDITIONS AT JOBSITE.
- ERECTION BY OTHERS.
- CHECK BED SHORTENING & VISE SLIPPAGE. MAKE ADJUSTMENTS TO CALCULATIONS IF NECESSARY.
- THE ENTIRE TOP OF GIRDERS SHALL BE CLEAN, FREE OF LAITANCE AND INTENTIONALLY ROUGHENED TRANSVERSELY TO A FULL MAGNITUDE OF APPROX. 1/4"
- STRANDS INDICATED AS ~ 1/2" 270-K LOW-RELAXATION SPECIAL SHALL HAVE THE FOLLOWING PROPERTIES:
 AREA OF STRAND 0.167 sq. in.
 MODULUS OF ELASTICITY 28,600,000 PSI.
- ALL BEAMS SHALL BE HANDLED, STORED AND HAULED IN AN UPRIGHT POSITION. BEAMS SHALL BE HANDLED ONLY BY THE LIFT LOOPS AT EACH END OF THE BEAMS. SUPPORT POINTS FOR THE BEAMS WILL BE BETWEEN THE PICK-UP LOOP AND THE END OF THE BEAM AT BOTH ENDS. UNDER NO CIRCUMSTANCE WILL THE SUPPORTS BE ALLOWED BEYOND THE LIFT LOOPS FROM THE ENDS OF THE BEAMS.
- THE ENTIRE ENDS OF ALL BEAMS SHALL BE COATED WITH (1/8" END) EPOXY MORTAR AFTER STRANDS ARE TRIMMED EVEN WITH THE ENDS. "IN PLACE" LENGTH OF BEAMS INCLUDES THIS COATING.
- CLIP INSERTS FOR THE STAY-IN-PLACE METAL DECK FORMS SHALL BE CAST IN THE BEAMS AS REQUIRED.



REVISIONS		Hanson Pelham Prestress Division	
		400 INDUSTRIAL PARK DR. PH. NO. 205 663-4681 PELHAM, ALABAMA 35124 FAX NO. 205 663-4459	
		PROJECT: BRSTO-2797-00(004) HEARD CO, GA - BRIDGE NO. 1	
		CONTRACTOR: C.W. MATTHEWS CONTRACTING CO., INC	
SCALE: NONE	DATE: 7/5/12	APPROVED BY: <u>[Signature]</u>	DRAWN BY: BJ
		ERECTION PLAN	
HANSON DWG. FILE 7359-CLRORCREEK-EP.DWG		CHECKED BY: DRH	HANSON JOB NO. 7359
		SHEET 1 OF 6	