

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GEORGIA	CSNHS-M002-00 (373)	8	26

SUGGESTED SEQUENCE OF OPERATIONS

1. REPAIR CRACKED STEEL ANCHOR PIPES (REPAIR ①), SEE SHEETS 19 & 20.
2. HEAT STRAIGHTEN STEEL ANCHOR PIPES (REPAIR ②), SEE SHEETS 17 & 18.
3. REMOVE EXISTING PROTECTIVE BOOTS, STEEL KEEPER RINGS AND WASHERS (REPAIR ③), SEE SHEET 11.
4. INSTALL NEW WASHERS AND KEEPER RINGS (REPAIR ④), SEE SHEETS 12, 13, 14 & 15.
5. INSTALL NEW PROTECTIVE BOOTS (REPAIR ⑤), SEE SHEET 16.
6. REPAIR UNSOUND CONCRETE (REPAIR ⑥), SEE SHEET 23.
7. REPLACE TIE-DOWN BOOTS (REPAIR ⑦), SEE SHEET 22.
8. PERFORM ELECTRICAL REPAIR WORK (REPAIR ⑧), SEE SHEET 24.
9. REPAIR CABLE STAY PROTECTIVE TAPE (REPAIR ⑨), SEE SHEET 21.

SEQUENCE NOTES

1. AT LOCATIONS WHERE BOTH REPAIR ① AND ② ARE TO BE COMPLETED, REPAIR ① SHALL BE COMPLETED PRIOR TO REPAIR ②.
2. AT LOCATIONS WHERE REPAIR ① AND/OR REPAIR ② ARE TO BE COMPLETED, MEASUREMENTS FOR REPAIR ④ SHALL BE TAKEN AFTER THE COMPLETION OF REPAIR ① AND/OR REPAIR ②.
3. REPAIR ④ SHALL COMMENCE WITHIN 24 HOURS OF COMPLETING REPAIR ③.
4. EXISTING PROTECTIVE BOOTS SHALL BE COMPLETELY REMOVED ONLY AFTER COMPLETION OF REPAIR ④ AND IMMEDIATELY PRIOR TO START OF REPAIR ⑤.
5. REMOVE AND REINSTALL THE EXISTING PROTECTIVE BOOTS, KEEPER RINGS AND WASHERS SEVERAL TIMES AS REQUIRED TO TAKE MEASUREMENTS AND ACCOMPLISH REPAIRS IN THE SUGGESTED SEQUENCE. THE REMOVAL AND REINSTALLATION OF THE PROTECTIVE BOOTS, KEEPER RINGS AND WASHERS SHALL BE INCIDENTAL TO THE APPROPRIATE REPAIR ITEM AND NO SEPARATE PAYMENT SHALL BE MADE.
6. THE ANNULAR SPACE BETWEEN THE PE PIPE AND STEEL ANCHOR PIPE SHALL BE KEPT DRY AND WATERPROOF DURING ALL REPAIRS.

REPAIR LEGEND	
REPAIR	DESCRIPTION
①	STEEL ANCHOR PIPE CRACK REPAIR
②	HEAT STRAIGHTENING OF STEEL ANCHOR PIPE
③	REMOVAL OF EXISTING PROTECTIVE BOOTS, STEEL KEEPER RINGS AND WASHERS
④	INSTALLATION OF NEW WASHERS AND STEEL KEEPER RINGS
⑤	PROTECTIVE BOOT RETROFIT
⑥	MISCELLANEOUS CONCRETE REPAIRS
⑦	TIE-DOWN BOOT REPAIR
⑧	MISCELLANEOUS ELECTRICAL REPAIRS
⑨	CABLE STAY PROTECTIVE TAPE REPAIR

BRIDGE SHEET  
8 OF 26

REVISIONS	DATE



**Lichtenstein**  
Consulting Engineers  
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GEORGIA  
**DEPARTMENT OF TRANSPORTATION**  
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

**CONSTRUCTION SEQUENCE SHEET**  
TALMADGE MEMORIAL BRIDGE RETROFIT  
CHATHAM COUNTY CSNHS-M002-00 (373)

NO SCALE MARCH 2006

DESIGNED <u>K.J.B.</u>	CHECKED <u>P.G.N.</u>	REVIEWED
DRAWN <u>R.B.H.</u>	DESIGN GROUP <u>MAINTENANCE</u>	APPROVED