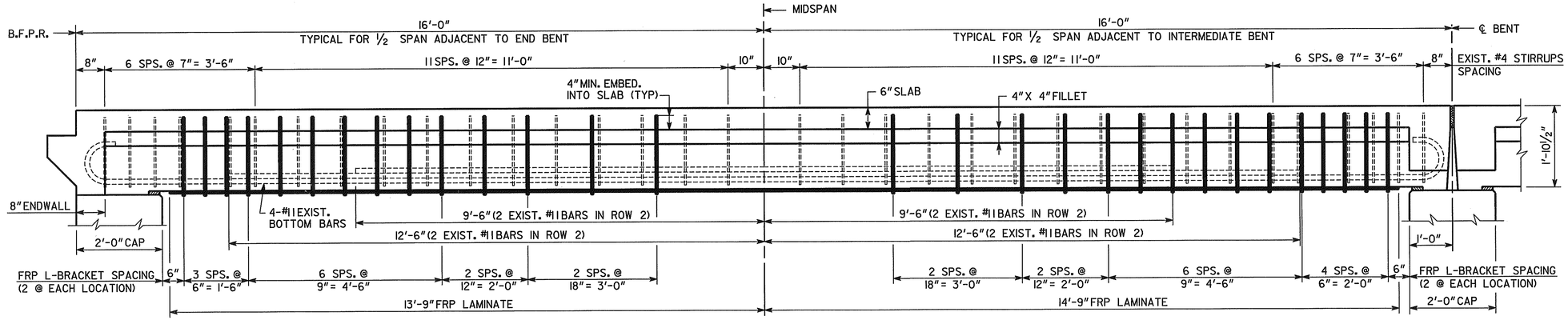
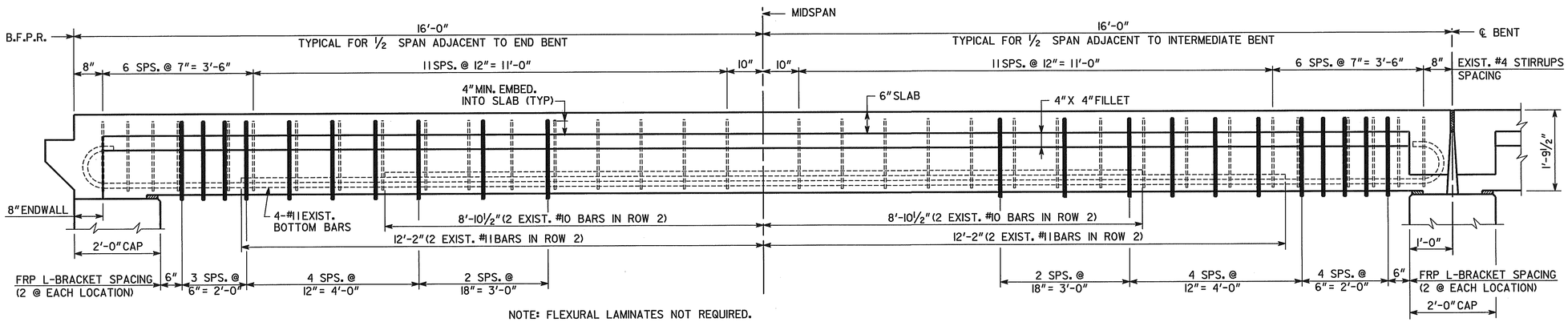
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-M002-00 (072)	7	7



BEAM ELEVATION - BM 8 & 9

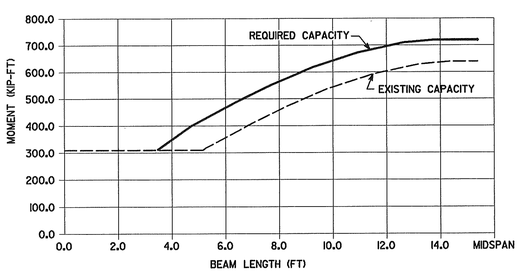


NOTE: FLEXURAL LAMINATES NOT REQUIRED.

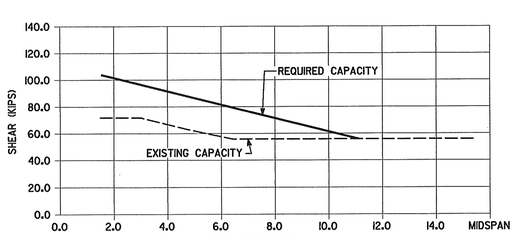
BEAM ELEVATION - BM 7 & 10

NOTES :

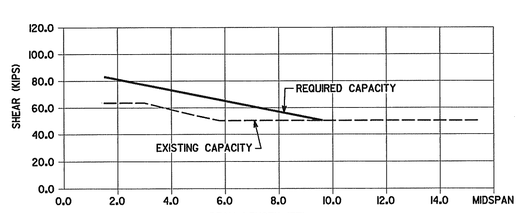
1. PREPARE SURFACES AND INSTALL FRP LAMINATES AND BRACKETS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND SPECIAL PROVISIONS.
2. BOND FRP LAMINATES AND BRACKETS TO EACH OTHER AND TO CONCRETE SURFACES USING HIGH STRENGTH EPOXY PASTE ADHESIVE COMPATIBLE WITH FRP MATERIAL.
3. ALTERNATE DESIGNS MUST MEET THE REQUIRED CAPACITY LIMITS SHOWN ON THE FLEXURAL AND SHEAR CAPACITY TABLES. ONLY SYSTEMS CONSISTING OF PREFABRICATED, COMPOSITE CARBON FIBER REINFORCED POLYMER LAMINATES WILL BE CONSIDERED FOR ALTERNATE DESIGNS.



FLEXURAL CAPACITY - BM 8 & 9



SHEAR CAPACITY - BM 8 & 9



SHEAR CAPACITY - BM 7 & 10

BRIDGE NO. 1

J.B. Trimble, Inc.
6445 Powers Ferry Road
Atlanta GA 30339-2933
(770) 952-1022

GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

CAPACITY UPGRADE
SR 92 OVER NOONDAY CREEK
BEAM DETAILS

CHEROKEE COUNTY STP-M002-00 (072)

SCALE: NO SCALE U.N.O. JUNE 2003

REVISIONS	BY	DATE

BRIDGE SHEET 5 OF 5

DESIGNED MDT | CHECKED GLE | REVIEWED BKS
DRAWN ITD | DESIGN GROUP MAINTENANCE | APPROVED EHG

C:\DGN\2263\2263BIBM.DGN 1-15-03 ITD