

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP-M001-00 (350)	5	8

**GENERAL NOTES**

- SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2001 EDITION.
- TEMPORARY SHORING - THE COST OF TEMPORARY SHORING AS NECESSARY FOR BRIDGE CONSTRUCTION SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- TRAFFIC CONTROLS - TRAIL TO BE CLOSED DURING BRIDGE CONSTRUCTION. SEE SPECIAL PROVISIONS FOR TRAFFIC CONTROLS, AND TRAFFIC CONTROL PAYMENT.
- EXISTING BRIDGE - PLANS FOR EXISTING BRIDGE ARE NOT AVAILABLE.
- DIMENSIONS AND ELEVATIONS - ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR BUILDING FORMS.
- STRUCTURAL FASTENERS - ALL HARDWARE AND FASTENERS FOR TIMBER CONSTRUCTION SHALL COMPLY WITH ASTM A307 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A153. COST OF FASTENERS SHALL BE INCLUDED IN THE PRICE BID FOR BRIDGE TIMBER TREATED.
- △ TIMBER - ALL TIMBER SHALL BE NO. 2 SOUTHERN PINE CONFORMING TO AASHTO M168 AND PRESSURE TREATED WITH CHROMIUM COPPER ARSENATE (CCA) TYPE C IN ACCORDANCE WITH THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA) STANDARDS. NAIL LAMINATION OF DECK SHALL BE CONSTRUCTED IN ACCORDANCE WITH AASHTO DIVISION II, SECTION 16.3.
- CHARPY V-NOTCH TEST - ALL W-BEAMS AND ALL COMPONENTS OF ALL PLATE GIRDERS ARE MAIN LOAD CARRYING MEMBERS SUBJECT TO TENSILE STRESS AND SHALL MEET THE CHARPY V-NOTCH TEST REQUIREMENTS AS SPECIFIED BY SECTION 851 OF THE GEORGIA DOT SPECIFICATIONS.
- CHAIN LINK FENCE - EXISTING CHAIN LINK FENCE SHALL BE REMOVED AND REINSTALLED ON REPLACEMENT SPANS.
- WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE GEORGIA DOT OFFICE OF MATERIALS AND RESEARCH. ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.
- EXISTING BENTS - EXISTING BENT COLUMNS TO BE REMOVED SHALL BE CUT OFF AT THE TOP OF FOOTINGS OR 12 INCHES BELOW GRADE.
- DECK WATERPROOFING - THE TIMBER DECK SURFACE TO RECEIVE ASPHALT OVERLAY SHALL BE COVERED WITH A SELF-ADHERING, ASPHALT IMPREGNATED, WATERPROOFING SHEET MEMBRANE. THE WATERPROOFING SHALL BE MIRADRI 700 SELF-ADHERING MEMBRANE OR APPROVED EQUAL. THE WATERPROOFING SHALL BE COMPATIBLE WITH THE TIMBER DECKING AND INSTALLED USING ASSOCIATED PRIMER AND LIQUID MEMBRANE FILLERS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS. THE COST FOR WATERPROOFING SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED.
- △ EXISTING BRIDGE TIMBER - EXISTING BRIDGE TIMBER FROM SPANS 10 THROUGH 13 SHALL BE USED TO BRACE SPANS 9, 14 AND 15 AND TO CONSTRUCT BALLAST RETAINERS OVER BENTS 10 AND 14.
- △ SALVAGE OF EXISTING BRIDGE MATERIALS - ALL EXISTING BRIDGE TIMBER NOT REUSED SHALL BE SALVAGED DISASSEMBLED, AND TRANSPORTED BY THE CONTRACTOR TO THE COBB COUNTY DOT, 1890 COUNTY SERVICES PARKWAY, MARIETTA. UNLOADING OF THE SALVAGED COMPONENTS WILL BE PERFORMED BY COBB COUNTY PERSONNEL. MR. ROGER HENRY (770-528-4380) OF COBB COUNTY DOT SHALL BE CONTACTED ONE WEEK PRIOR TO DELIVERY.
- △ EXISTING ASPHALT PAVING - EXISTING ASPHALT PAVING ON THE SILVER COMET TRAIL AND COOPER LAKE ROAD DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE DEPARTMENT.
- ADVANCE NOTICE SIGNS - THE CONTRACTOR SHALL POST ADVANCE NOTICE SIGNS TWO WEEKS PRIOR TO CLOSURE AT THE MAVELL AND CONCORD ROAD TRAIL HEADS, FONTAINE ROAD PARKING LOT AND EACH SIDE OF THE COOPER LAKE ROAD WORKSITE.
- △ INCIDENTAL ITEMS - COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS SHALL BE INCLUDED IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATER PROOFING, JOINT FILLERS, BEARING PADS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

**DESIGN DATA**

- SPECIFICATIONS ----- AASHTO 1996 AND 1997 THROUGH 2002 INTERIMS
- \* LIVE LOAD ----- 120 PSF UNIFORM LOAD
- FUTURE PAVING ALLOWANCE ----- 15 LBS PER SQ FT
- STRUCTURAL STEEL BEAMS ----- SERVICE LOAD DESIGN
- TIMBER ----- NO. 2 SOUTHERN PINE, S4S .60 CCA TREATMENT
- \* STRUCTURE DESIGNED TO CARRY A TWO AXLE 37,500 LB COBB COUNTY EMERGENCY VEHICLE UNDER OPERATING CONDITIONS.

**BRIDGE CONSISTS OF**

- 1 - 50'-5" W BEAM SIMPLE SPAN ----- SPECIAL DESIGN
- 1 - TIMBER DECK WITH APHALT OVERLAY----- SPECIAL DESIGN

**CONSTRUCTION SEQUENCE**

SILVER COMET TRAIL AND COOPER LAKE ROAD TO BE CLOSED DURING CONSTRUCTION

**UTILITIES**

NONE

**SUMMARY OF QUANTITIES**

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
501-3000	LUMP	LS	STR STEEL, BR NO - 1 (16400)
502-1200	3.9	MBM	BRIDGE TIMBER, TREATED
540-1202	LUMP		REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO - 1

BRIDGE NO. 1

 <b>J.B. Trimble, Inc.</b> 6445 Powers Ferry Road Atlanta GA 30339-2933 (770) 952-1022	GEORGIA <b>DEPARTMENT OF TRANSPORTATION</b> OPERATIONS DIVISION-OFFICE OF MAINTENANCE	
	BRIDGE REHABILITATION SILVER COMET TRAIL OVER COOPER LAKE ROAD GENERAL NOTES COBB COUNTY STP-M001-00 (350)	
SCALE: AS SHOWN		MAY 2002
DESIGNED MDT	CHECKED GLE	REVIEWED BKS
DRAWN JWG	DESIGN GROUP MAINTENANCE	APPROVED EHG

 10-10-02	DATE 10-10-02			
	BY GLE	REVISIONS	NOTES	REVISED/ADDED
BRIDGE SHEET 2 OF 5				