

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NHS-M001-00(996)	17	59

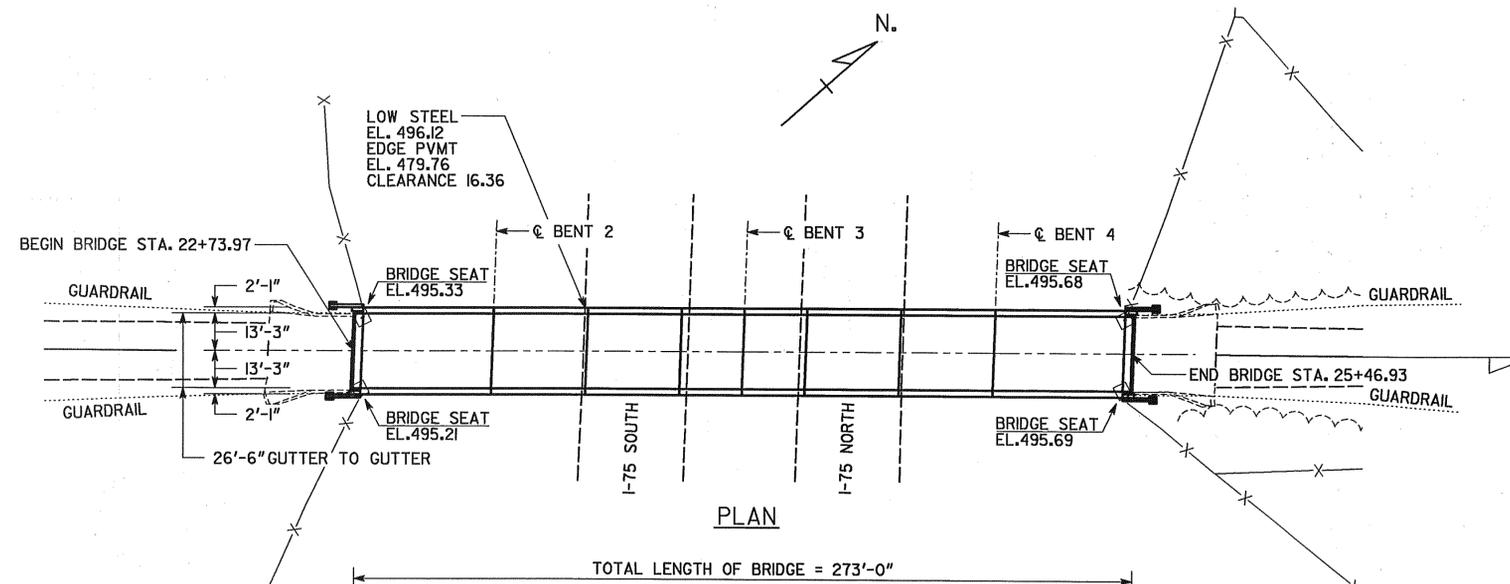
NOTE:  
BENTS ARE NUMBERED AS PER  
THE ORIGINAL BRIDGE PLANS.

**EXISTING GRADE DATA**

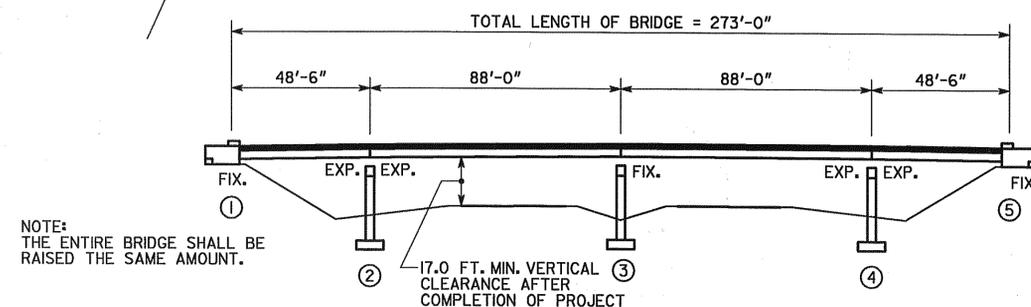
SEE ORIGINAL BRIDGE PLANS

**PLEASANT VALLEY ROAD TRAFFIC DATA**

TRAFFIC..... ADT = 740 (1998)  
TRUCKS..... 3.1%



PLAN



ELEVATION

NOTE:  
THE ENTIRE BRIDGE SHALL BE  
RAISED THE SAME AMOUNT.

**SUMMARY OF QUANTITIES**

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	32	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-1
449-1620	32	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-2
449-1620	32	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-4
449-1620	32	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-1, BENT NO-5
504-0600	21	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
518-1000	LUMP	LS	RAISE EXISTING BRIDGE, STA - 22+73.97

**CONSTRUCTION SEQUENCE**

- DETOUR TRAFFIC AS SHOWN ON DETOUR MAP - SHEET 15 OF THE ROADWAY PLANS. CLOSE BRIDGE AND PLACE TEMPORARY BARRIERS AS DIRECTED. ALL WORK ASSOCIATED WITH DETOUR SHALL BE INCLUDED IN LUMP SUM PRICE FOR TRAFFIC CONTROL.
- RAISE TOPS OF WINGWALLS AS SHOWN
- REMOVE PORTIONS OF THE EXISTING ASPHALT AND APPROACH SLAB FULL DEPTH AS SHOWN WITHOUT CUTTING THE REINFORCEMENT.
- IF PRESENT, REMOVE PORTION OF BREASTWALL BETWEEN EXTERIOR BEAM AND WINGWALL AS REQUIRED TO PROVIDE ACCESS TO BEARINGS AND ALLOW DRILLING FOR NEW ANCHOR BOLT HOLES.
- JACK BRIDGE
- REMOVE AND REPLACE ENDPOST AND GUARDRAIL AS REQUIRED.
- REBUILD PORTIONS OF APPROACH SLABS AS SHOWN.
- PLACE ASPHALT LEVELING AND SURFACE COURSE TO LIMITS SHOWN ON ROADWAY PLANS.
- INSTALL JOINT SEALS. CLEAN AND RESEAL THE REMAINING JOINTS.
- REOPEN BRIDGE

THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH ROADWAY OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED SEQUENCE FOR APPROVAL.

**EXISTING BRIDGE CONSISTS OF**

- 2 - 48'-6" WIDE-FLANGE BEAM COMPOSITE SIMPLE SPANS..... SPECIAL DESIGN
- 1 - 88'-0" x 88'-0" WIDE-FLANGE BEAM COMPOSITE CONT. UNIT..... SPECIAL DESIGN
- 2 - STEEL 4" PILE END BENTS..... SPECIAL DESIGN
- 3 - CONCRETE INTERMEDIATE BENTS W/PILE FOOTINGS..... SPECIAL DESIGN
- CONCRETE HANDRAILING..... GA. STD. NO. 3625
- BAR BENDING DETAILS..... GA. STD. NO. 3901
- TYPICAL FILL DETAIL AT END OF BRIDGE..... GA. STD. NO. 9037

**UTILITIES**

NONE

**WORK CONSISTS OF**

- RAISE EXISTING BRIDGE APPROXIMATELY 7 3/4" AND PROVIDE PEDESTALS.
- MODIFY ENDWALLS AS SHOWN
- MODIFY APPROACH SLABS AS SHOWN (PAID FOR AS A ROADWAY ITEM).
- RAISE THE TOP OF THE WINGWALLS.
- REPLACE JOINT SEALS AT BENTS 1, 2, 4, AND 5. CLEAN AND RESEAL THE REMAINING JOINTS.
- REMOVE AND REPLACE ENDPOSTS.

**DESIGN DATA FOR DESIGN OF PEDESTALS**

- SPECIFICATIONS..... AASHTO 1996
- (DESIGNED FOR SEISMIC PERFORMANCE CATEGORY B)
- TYPICAL MS-18 AND/OR MILITARY LOADING..... IMPACT ALLOWED
- FUTURE PAVING ALLOWANCE..... 15 PSF

EXISTING BRIDGE SERIAL NO. 015-0056-0  
EXISTING BRIDGE LOC. I.D. NO. 015-00144X-000.205  
PROJECT P.I. NO. M001996

BRIDGE NO. 1

GEORGIA  
**DEPARTMENT OF TRANSPORTATION**  
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

JACKING DETAILS  
PLEASANT VALLEY ROAD OVER I-75  
BARTOW COUNTY NHS-M001-00(996)

SCALE: NONE JANUARY 2004

BRIDGE SHEET 1 OF 3

GRESHAM SMITH AND PARTNERS

DESIGNED LWD  
DRAWN RCP

CHECKED RDB  
DESIGN GROUP X

REVIEWED X  
APPROVED X

