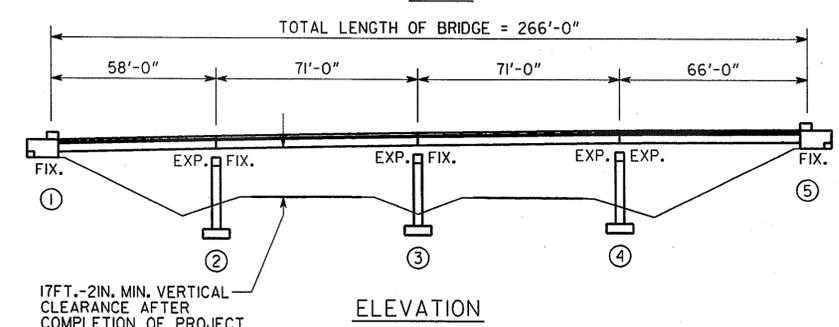


EXISTING GRADE DATA
SEE ORIGINAL BRIDGE PLANS

INDIAN CREEK ROAD TRAFFIC DATA
TRAFFIC.....ADT = 740 (2003)
TRUCKS.....4.9%



IF YOU DIG IN GEORGIA...
CALL US FIRST 1-800-282-7411

**THE CONTRACTOR SHALL ADHERE TO
THE CALL BEFORE YOU DIG LAW
BY CALLING THE UTILITIES
PROTECTION CENTER**

Dig Safely.
1-800-282-7411
770-623-4344

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-1
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-2
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-3
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-4
449-1620	33	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-3, BENT NO-5
503-1600	13	CY	FOUR HOUR ACCELERATED STRENGTH CONCRETE
504-0600	5	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
511-1000	LUMP	LS	BAR REINFORCEMENT STEEL (3090 LB)
518-1000	LUMP	LS	RAISE EXISTING BRIDGE, STA - 22+93.00

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

EXISTING BRIDGE CONSISTS OF

- 4 - COMPOSITE WIDE - FLANGE BEAM SPANS.....SPECIAL DESIGN
- 2 - CONCRETE END BENTS.....SPECIAL DESIGN
- 3 - CONCRETE INTERMEDIATE BENTS.....SPECIAL DESIGN
- ALUMINUM HANDRAILING.....GA. STD. NO. 3627(7-21-65)
- BAR BENDING DETAILS.....GA. STD. NO. 3901
- END POST DETAILS.....SEE EXISTING PLANS

CONSTRUCTION SEQUENCE

1. PLACE TEMPORARY SAND LOADED ATTENUATORS AS DIRECTED.
2. RAISE TOPS OF WINGWALLS AS SHOWN.
3. CUT APPROACH SLAB FULL DEPTH AT EDGE OF THE PAVEMENT REST AS SHOWN TO ENABLE JACKING OF BRIDGE.
4. 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.
5. JACK BRIDGE WITHOUT DISRUPTING TRAFFIC. PLACE ASPHALT AS REQUIRED AT ENDS OF BRIDGE WHILE JACKING TO PROVIDE A SMOOTH TRANSITION FROM PAVEMENT TO BRIDGE. AT NO TIME SHALL THERE BE MORE THAN A 2" HEIGHT DIFFERENCE BETWEEN THE BRIDGE DECK AND THE TOP OF ASPHALT OR BETWEEN ADJACENT SPANS AT THE JOINTS. AT THE END OF EACH DAY'S WORK, THE PAVEMENT SHALL BE FLUSH WITH THE BRIDGE DECK. PLACE ASPHALT LEVELING AND SURFACE COURSE TO LIMITS SHOWN ON ROADWAY PLANS UPON COMPLETION OF JACKING.
6. REMOVE AND REPLACE GUARDRAIL AS REQUIRED.
7. REDUCE TRAFFIC TO ONE LANE, PROVIDE FLAGGERS TO CONTROL TWO WAY TRAFFIC.
8. REMOVE PORTIONS OF THE ASPHALT AND APPROACH SLAB FULL DEPTH AS SHOWN WITHOUT CUTTING THE REINFORCEMENT.
9. REBUILD PORTIONS OF APPROACH SLABS AS SHOWN.
10. SHIFT TRAFFIC TO OPPOSITE SIDE AND REPEAT STEPS 8 AND 9.
11. RE-OPEN BRIDGE TO TWO LANES OF TRAFFIC.
12. SEE SPECIAL PROVISIONS - SECTION 150.11, SPECIAL CONDITIONS, FOR TIME LIMITATIONS FOR ITEMS 8 THROUGH 10.
13. INSTALL JOINT SEALS. CLEAN AND RESEAL THE REMAINING JOINTS.

WORK CONSISTS OF

1. RAISE EXISTING BRIDGE APPROXIMATELY 11" AND PROVIDE PEDESTALS.
2. MODIFY ENDWALLS AS SHOWN
3. MODIFY APPROACH SLABS AS SHOWN.
4. RAISE THE TOP OF THE WINGWALLS.
5. REPLACE EXPANSION JOINT SEALS AT BENTS 1, 2, 3, 4 AND 5. CLEAN AND RESEAL THE REMAINING CONSTRUCTION JOINTS.

DESIGN DATA FOR DESIGN OF PEDESTALS

SPECIFICATIONS.....AASHTO 1996
(DESIGNED FOR SEISMIC PERFORMANCE CATEGORY A)
TYPICAL HS-20 AND/OR MILITARY LOADING.....IMPACT ALLOWED
FUTURE PAVING ALLOWANCE.....15 PSF

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 SERIAL NO. 151-0026-0
EXISTING BRIDGE LOC. I.D. NO. 151-00326X-001.85N
PROJECT P.I. NO. M001994

BRIDGE NO. 3

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

JACKING DETAILS
INDIAN CREEK ROAD OVER I-75
HENRY CO. NHS-M001-00(994)

SCALE: NONE FEBRUARY 2004

G S & P
GRESHAM
SMITH
AND
PARTNERS

BRIDGE SHEET
1 OF 3

DATE	
REVISIONS	
BY	

DESIGNED RDB	CHECKED LWD	REVIEWED
DRAWN RCP	DESIGN GROUP	APPROVED