

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

NOTE:
JACKING PLANS SHOWN OPPOSITE HAND TO LAYOUT OF EXISTING PLANS.

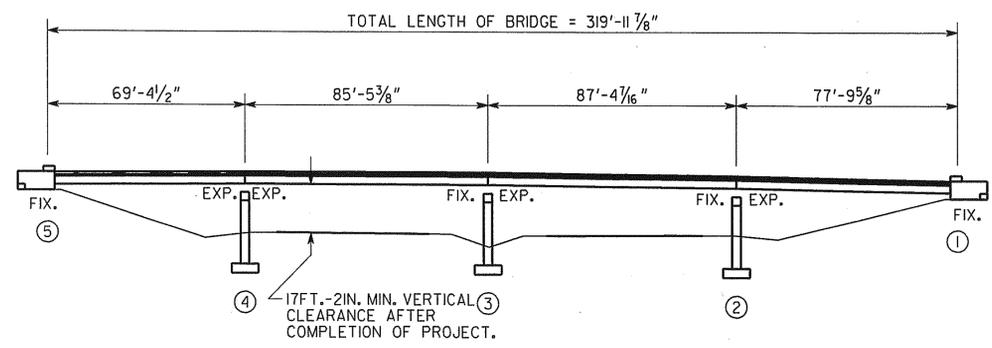
EXISTING GRADE DATA
SEE ORIGINAL BRIDGE PLANS

LOCUST GROVE ROAD (S755) TRAFFIC DATA

TRAFFIC..... ADT = 1,600 (2003)

TRUCKS..... 4.9%

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



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

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	42	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-2, BENT NO-1
449-1620	42	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-2, BENT NO-2
449-1620	42	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-2, BENT NO-3
449-1620	42	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-2, BENT NO 4
449-1620	42	FT	LOW-DENSITY, CLOSED CELL, CROSS-LINKED, ETHYLENE VINYL ACETATE, POLYETHYLENE COPOLYMER, NITROGEN BLOWN SEAL, BR NO-2, BENT NO-5
503-1600	18	CY	FOUR HOUR ACCELERATED STRENGTH CONCRETE
504-0600	4	CY	TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE
511-1000	LUMP	LS	BAR REINFORCEMENT STEEL (4078 LB)
518-1000	LUMP	LS	RAISE EXISTING BRIDGE, STA - 23+34.00

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.

UTILITIES

4" GAS MAIN.....ATLANTA GAS LIGHT CO.

WORK CONSISTS OF

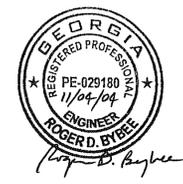
1. RAISE EXISTING BRIDGE APPROXIMATELY 1'-3" AND PROVIDE PEDESTALS.
2. MODIFY ENDWALLS AS SHOWN.
3. MODIFY APPROACH SLABS AS SHOWN.
4. RAISE THE TOP OF THE WINGWALLS.
5. REPLACE JOINT SEALS AT BENTS 1, 2, 3, 4 AND 5.

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



EXISTING BRIDGE SERIAL NO. 151-0048-0

EXISTING BRIDGE LOC. I.D. NO. 151-00755F-001,9N

PROJECT P.J. NO. M001994

BRIDGE NO. 2

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

JACKING DETAILS

LOCUST GROVE ROAD (S755) OVER I-75
HENRY CO. NHS-M001-00(994)

SCALE: NONE FEBRUARY 2004

<p>GRESHAM SMITH AND PARTNERS</p>	DESIGNED RDB	CHECKED RDB	REVIEWED
	DRAWN RCP	DESIGN GROUP	APPROVED

BRIDGE SHEET 1 OF 3