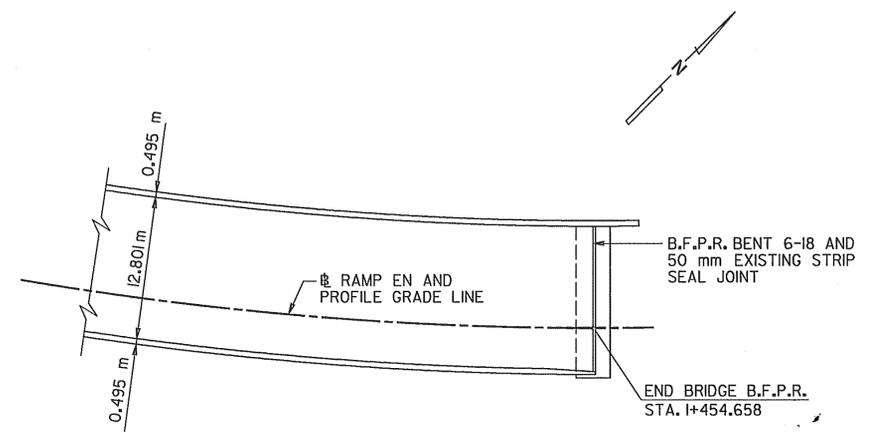




| | | | |
|-------|----------------|-----------|--------------|
| STATE | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
| GA. | IM-00MS (257) | 16 | 27 |

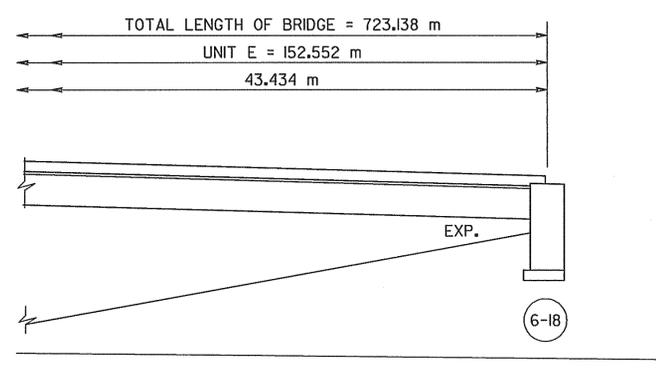
GENERAL NOTES

- METRIC PLANS - THESE PLANS ARE DETAILED USING THE METRIC (SI) SYSTEM OF UNITS. DIMENSIONS SHOWN IN THE PLANS ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED. ELEVATIONS ARE IN METERS. REINFORCING BARS IN METRIC SIZE DESIGNATIONS SHOWN SHALL BE PROVIDED AS PER ASTM A 615M. IN THE BAR MARK, THE FIRST TWO DIGITS ARE THE METRIC SIZE (I.E., BAR #1314 IS A NO. #13 METRIC SIZE BAR).
- SPECIFICATIONS- GEORGIA STANDARD SPECIFICATIONS, 1995 METRIC EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.
- REINFORCING STEEL - ALL REINFORCING STEEL SHALL BE PLACED AND TIED IN ACCORDANCE WITH THE GEORGIA STANDARD SPECIFICATIONS. WELDING OF REINFORCING STEEL WILL NOT BE PERMITTED.
- TRAFFIC CONTROLS - SEE SPECIAL PROVISIONS AND MAINTAINANCE OF TRAFFIC PLANS FOR REQUIRED TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.
- EXISTING BRIDGE PLANS - PLANS FOR THE EXISTING BRIDGE MAY BE PURCHASED BY CONTACTING THE PLANS REPRODUCTION OFFICE AT (404) 656-5401. THE EXISTING BRIDGE WAS BUILT UNDER G.D.O.T. PROJECT NUMBER I-1D-285-1(48)CT6 DEKALB CO.
- EXISTING STRIP SEAL JOINTS - EXISTING STRIP SEAL JOINT SHALL BE REMOVED AND REPLACED WITH ELASTOMERIC PROFILE BRIDGE JOINT SEALS, SEE SPECIAL PROVISION 443.
- EXISTING BRIDGE JOINTS - EXISTING BRIDGE TRANSVERSE CONSTRUCTION AND DUMMY JOINTS SHALL BE CLEANED OF ALL DIRT, REFUSE, AND EXISTING SEALANT AND SEALED USING BOND BREAKER AND SILICONE SEALANT (TYPE D) AS PER SUB-SECTION 461.03 OF THE GEORGIA STANDARD SPECIFICATIONS. COST OF MATERIALS AND INSTALLATION SHALL BE INCLUDED IN THE OVERAL BID SUBMITTED.
- WELDING CERTIFICATION - ALL WELDING ON GEORGIA D.O.T. PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE GEORGIA D.O.T. OFFICE OF MATERIALS AND RESEARCH. ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES SHALL BE USED FOR MANUAL SHIELDED METAL ARC WELDING.
- SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURES SHALL BE SALVAGED FOR USE BY THE GEORGIA DEPARTMENT OF TRANSPORTATION.
- 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 CLEANING AND BENDING EXISTING REINFORCEMENT, EPOXY RESIN ADHESIVE, AND OTHER ITEMS NECESSARY TO COMPLETE THE WORK.
- REMOVAL OF PARTS OF EXISTING BRIDGE - COST OF REMOVAL, RECONSTRUCTION, AND MODIFICATION OF THE EXISTING JOINTS SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 540 REMOVAL OF PARTS OF EXISTING BRIDGE.
- SHOP DRAWINGS - ALL SHOP DRAWINGS FOR THIS BRIDGE SHALL BE DETAILED IN THE METRIC (SI) SYSTEM OF UNITS.

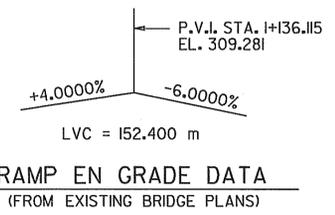


PLAN

NOTE :
CLEAN AND RESEAL ALL
CONSTRUCTION JOINTS.



ELEVATION



RAMP EN GRADE DATA
(FROM EXISTING BRIDGE PLANS)

EXISTING BRIDGE SERIAL NO. 089-0276-0
EXISTING BRIDGE ID NO. 089-00407R-032.27C
PROJECT PI NO. 713940

BRIDGE NO. 3

J.B. TRIMBLE, INC.
5075 Roswell Rd.
Atlanta GA 30342
(404) 843-8171

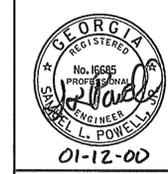
GEORGIA
DEPARTMENT OF TRANSPORTATION
OPERATIONS DIVISION-OFFICE OF MAINTENANCE

DISTRICT 7 BRIDGE REPAIRS
(JOINT REPLACEMENT)
I-285 EBL TO I-85 NBL

DEKALB COUNTY IM-00MS (257)

SCALE: NONE JUNE 1999

| REVISIONS | DATE |
|-----------|------|
| 1-04-00 | |
| 9-13-99 | |
| 7-1-99 | |
| 01-12-00 | |



| | | |
|--------------|--------------------------|--------------|
| DESIGNED GLE | CHECKED SLP | REVIEWED EHG |
| DRAWN ITD | DESIGN GROUP MAINTENANCE | APPROVED STH |

SUMMARY OF QUANTITIES

| PAY ITEM NUMBER | QUANTITY | UNIT | PAY ITEM |
|-----------------|----------|----------------|---|
| 443-1000 | 1 | EA | ELASTOMERIC PROFILE BRIDGE JOINT SEALS, BENT NO - 18, BR NO - 3 |
| △ 504-0600 | 5 | m ³ | TWENTY-FOUR HOUR ACCELERATED STRENGTH CONCRETE, BR NO - 3 |
| 511-3000 | LUMP | LS | SUPERSTR REINF STEEL, BR NO - 3 (450) |
| △ 540-1202 | LUMP | LS | REMOVAL OF PARTS OF EXISTING BR, BR NO - 3 |

DESIGN DATA FOR JOINT REPLACEMENT

- SPECIFICATIONS AASHTO 1996
- TYPICAL MS-18 AND/OR MILITARY LOADING IMPACT ALLOWED
- FUTURE PAVING ALLOWANCE L44 kN/m²
- △ 24 HOUR ACCELERATED CONCRETE f'c = 25 MPa
- REINFORCEMENT STEEL GRADE 420, fy = 420 MPa

WORK CONSISTS OF

REMOVAL OF EXISTING ARMORED JOINTS AND REPLACE WITH NEW BRIDGE DECK JOINT SEALS. CLEAN AND RESEAL OTHER JOINTS.