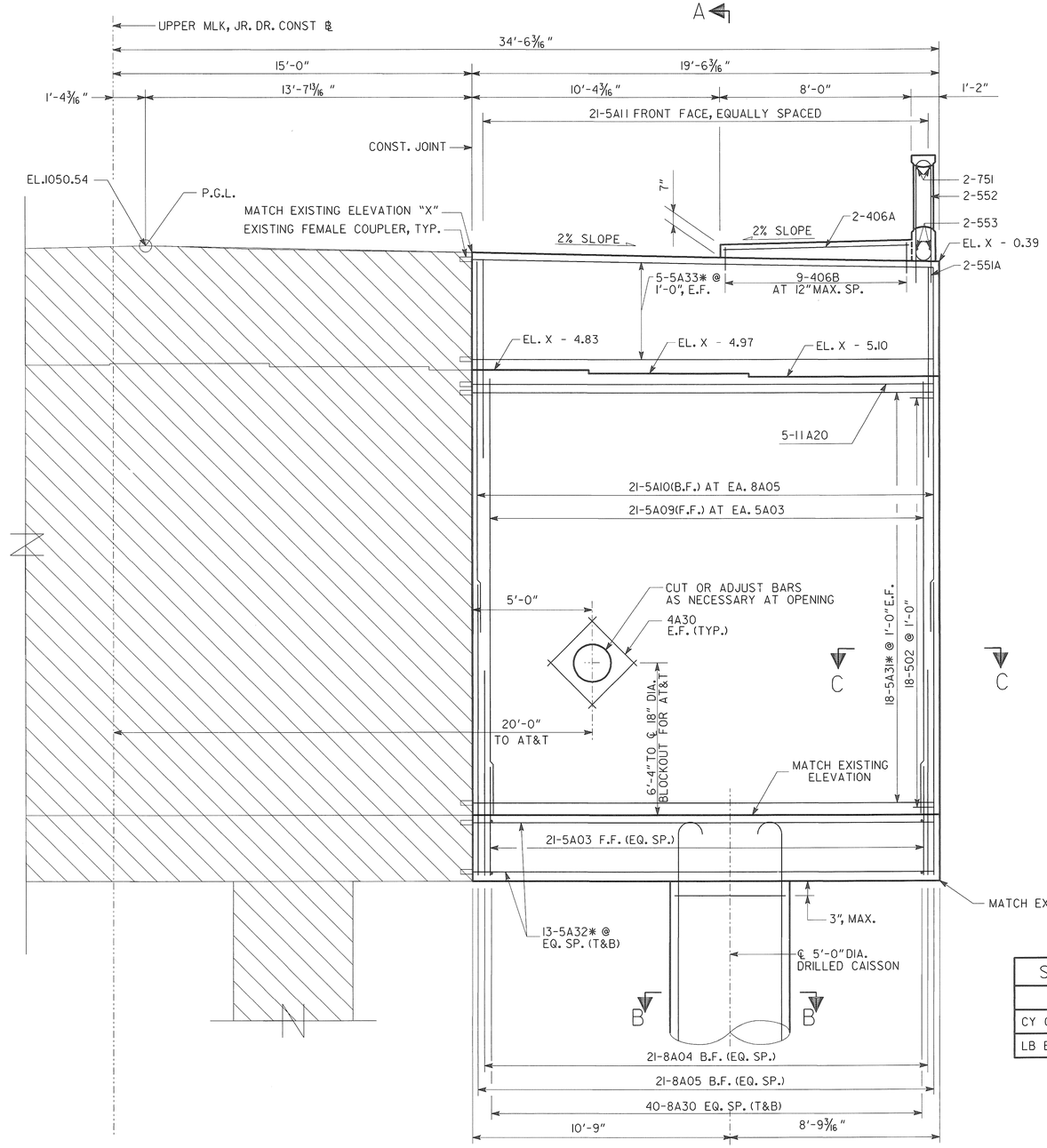
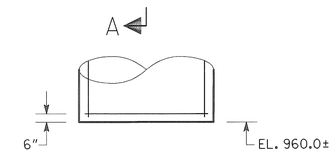
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHNLB-9073-00(016) BRNLB-9073-00(018)	210	444





ELEVATION
(LOOKING AHEAD)

NOTES:

* 1. ALL TRANSVERSE BARS THAT START AT THE NORTH END ADJACENT TO THE EXISTING ABUTMENT MUST BE FURNISHED WITH A STANDARD MALE COUPLER ADAPTABLE TO THE EXISTING "GRIP-TWIST FLANGE CONNECTOR" PROVIDED ON ALL OF THE EXISTING BARS TERMINATING AT THE SOUTH END OF THE EXISTING ABUTMENT. SEE SPECIAL PROVISION SECTION 511 FOR ADDITIONAL REQUIREMENTS. THE COUPLERS, ACCORDING TO THE PREVIOUS CONTRACTOR WHO BUILT THE EXISTING STRUCTURE, WERE "GRIP-TWIST FLANGE CONNECTOR" TYPE. THE CONTRACTOR SHALL VERIFY THE COUPLER TYPE PRIOR TO ORDERING ANY MATERIALS.

2. COORDINATE WITH AT&T FOR PROTECTION OF UTILITY DUCT.

3. SCARIFY SURFACE OF EXISTING ABUTMENT AND CAP TO AN AMPLITUDE OF 1/4".

4. B.F. DENOTES BACK FACE.
F.F. DENOTES FRONT FACE.
E.F. DENOTES EACH FACE.

5. ELEVATION "X" IS THE ELEVATION AT THE INTERSECTION OF THE EDGE OF THE EXISTING CAP AND THE B.F.P.R.

6. DRILLED CAISSONS ARE DESIGNED FOR A BEARING CAPACITY OF 100. KSF.

7. SOCKET CAISSONS A MINIMUM OF 5'-0" INTO SOUND ROCK.

8. MAINTAIN 2" CL. ON ALL REINFORCEMENT UNLESS NOTED OTHERWISE.

9. TEMPORARY CASING WILL BE REQUIRED TO INSTALL THE CAISSONS TO THE BEARING ELEVATIONS.

10. ALL CAISSONS SHALL BE DEWATERED TO ALLOW FOR THE INSPECTION OF THE BEARING SURFACE. A MINIMUM TEST HOLE OF 6 FEET WILL BE REQUIRED TO INSURE THERE ARE NO WEAK SEAMS UNDER THE SHAFT.

EXISTING STRUCTURE TO REMAIN

SUBSTRUCTURE QUANTITIES

ITEM	ABUT. 5A
CY CLASS AA - 1 CONCRETE	72.4
LB BAR REINF STEEL	7181

BRIDGE NO. 2

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

ABUT. 5A (E. ABUT.) DETAILS
MARTIN LUTHER KING JR. DRIVE

FULTON COUNTY
BHNLB-9073-00(016)
BRNLB-9073-00(018)

SCALE: 3/8" = 1'-0"
JULY 2013

DRAWING NO. 35 -093
BRIDGE SHEET 14 OF 17

REVISIONS | DATE | BY

DESIGNED KAK | CHECKED RLF/MS | REVIEWED WMD/DLC
DRAWN JRL | DESIGN GROUP SWW | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

JEV 2011044 \ BRIDGE \ BRIDGE 2 \ SS2 AB11.DGN