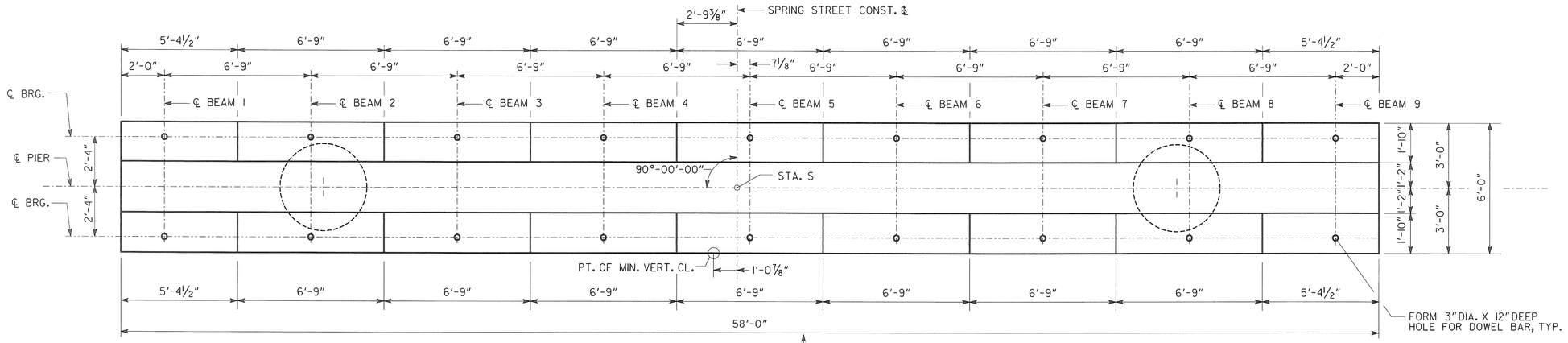
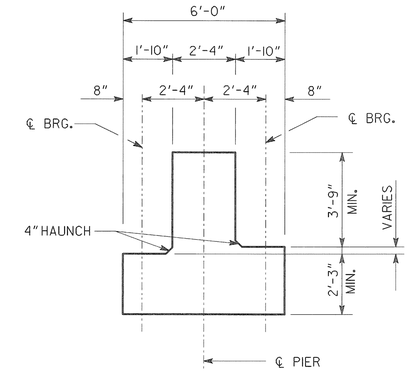
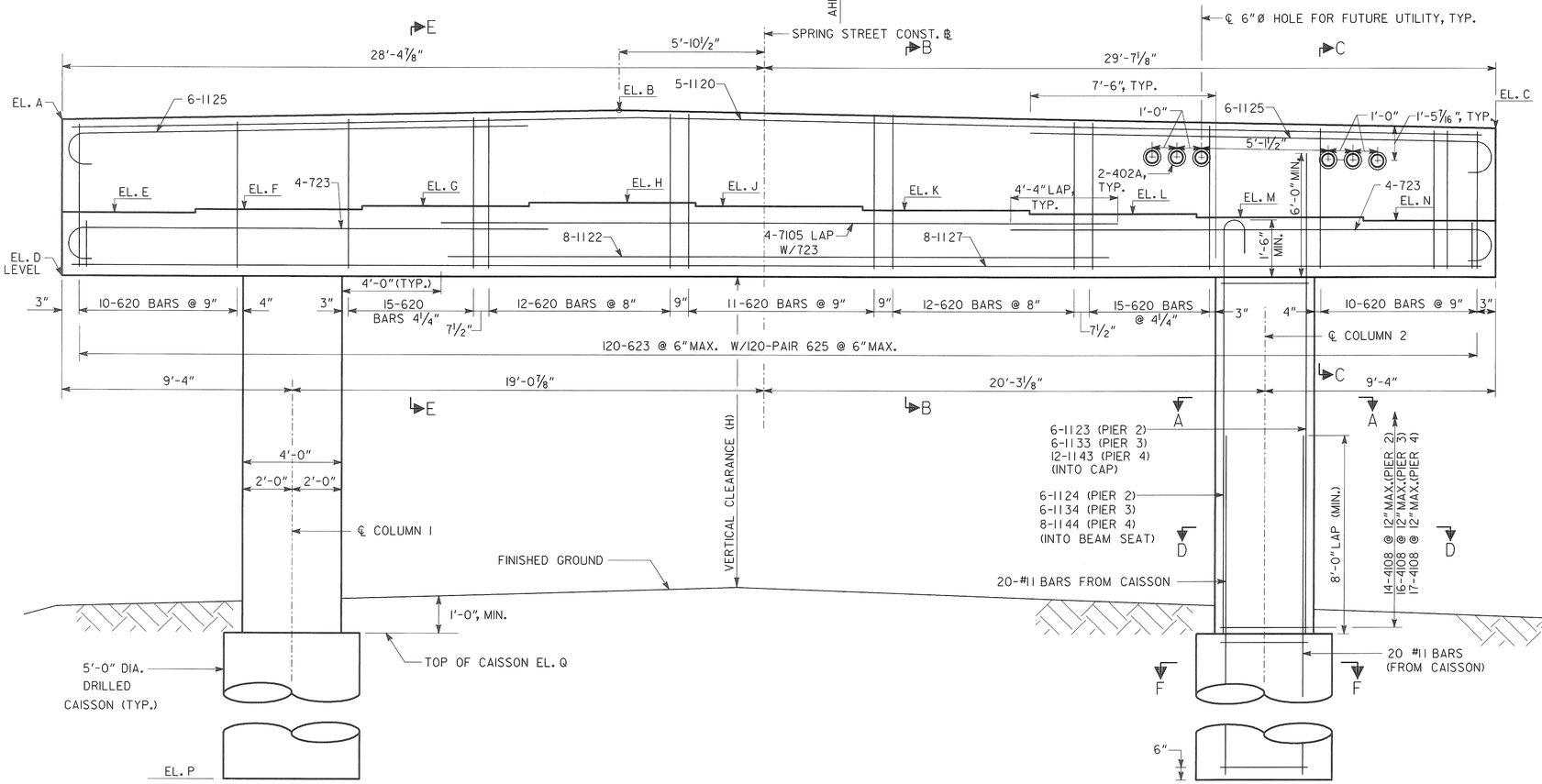
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHNLB-9073-00(016) BRNLB-9073-00(018)	175	444



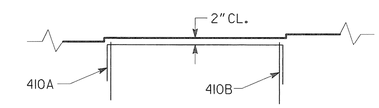
PLAN



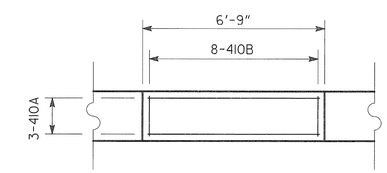
SECTION THRU CAP
NO SCALE



ELEVATION
(LOOKING AHEAD)
PIER 2 SHOWN
PIERS 3 & 4 SIMILAR



DETAIL AT BEAM SEAT
NO SCALE
BEAM SEATS 2 THRU 7 BACK AND AHEAD



PART PLAN BEAM SEAT
NO SCALE
BEAM SEATS 2 THRU 7 BACK AND AHEAD

NOTE:
1. DRILLED CAISSONS ARE DESIGNED FOR A BEARING CAPACITY OF 100 KSF.
2. SOCKET CAISSONS A MINIMUM OF 5'-0" INTO SOUND ROCK.
3. MAINTAIN 2" CL. ON ALL REINFORCEMENT UNLESS NOTED OTHERWISE
4. TEMPORARY CASING WILL BE REQUIRED TO INSTALL THE CAISSONS TO THE BEARING ELEVATIONS.
5. 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.

SUBSTRUCTURE QUANTITIES

ITEM	PIER 2	PIER 3	PIER 4
CY CLASS AA - 1 CONCRETE	67.7	68.7	69.8
LB BAR REINF STEEL	20139	20291	22213

BRIDGE NO. 1

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

INTERMEDIATE BENT DETAILS - PIERS 2 - 4
SPRING STREET VIADUCT OVER
CSX TRANSPORTATION

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

SCALE: ⅜" = 1'-0"
JULY 2013

DRAWING NO. 35 - 058
BRIDGE SHEET 58 OF 79

DATE	REVISIONS	BY

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

1 INCH WHEN PRINTED FULL SIZE

J:\ 2011044 \ BRIDGE \ BRIDGE 1 \SSI 1BT12A.DGN