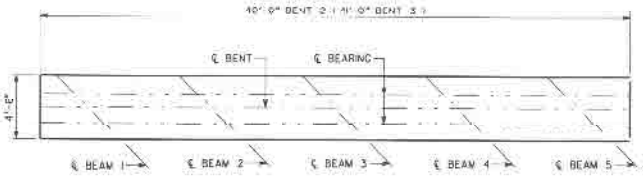
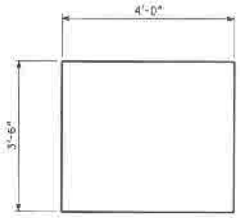
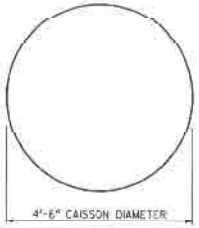
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	NH000-0575-01(028)		



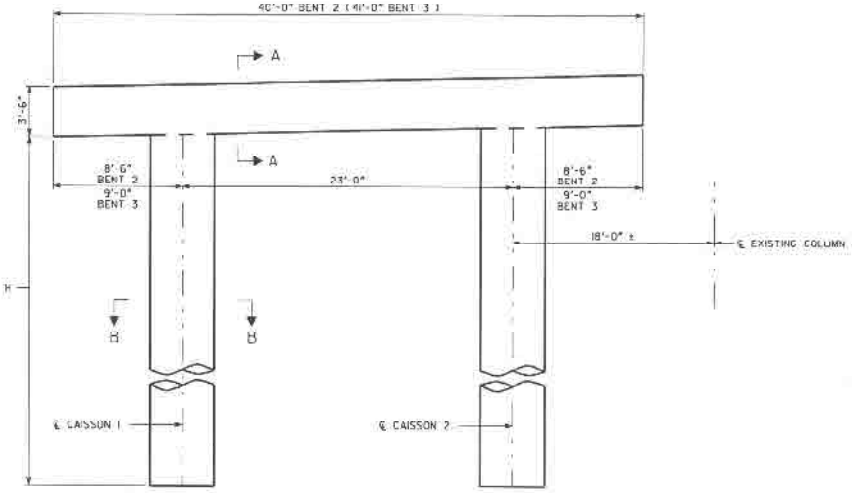
PLAN



SECTION A-A
(NO SCALE)



SECTION B-B
(NO SCALE)



ELEVATION

TABLE OF DIMENSIONS		
BENT	H	BOT. OF CAISS. EL.
2	46'-9"	837
3	36'-6"	848

CAISSON NOTES:

1. CONCRETE FOR DRILLED CAISSONS SHALL BE CLASS AA (f'c = 3500 PSI).
2. DRILLED CAISSONS ARE DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 100 KSF ON SOUND ROCK.
3. DRILLED CAISSONS SHALL EXTEND A MINIMUM DEPTH OF 7'-0" INTO SOUND ROCK.
4. PERMANENT CASINGS SHALL BE REQUIRED TO CONSTRUCT DRILLED CAISSONS.
5. CUT OFF PERMANENT CASING AT GROUND LINE OR WATER SURFACE WHICHEVER IS HIGHER.
6. MINIMUM LAP SPLICE FOR #11 CAISSON REINFORCEMENT SHALL BE 6' 0". COST OF REINFORCEMENT REQUIRED FOR A LAP SPLICE SHALL BE INCLUDED IN THE PRICE BID FOR LF DRILLED CAISSON.
7. LIMIT OF PAYMENT FOR CAISSON SHALL BE THE TOP OF CAISSON.
8. SPIRALS SHALL BE TWO (2) CLOSED TURNS AT THE TOP AND BOTTOM OF CAISSONS. SPIRAL SPLICES SHALL BE ACCOMPLISHED BY LAPPING AND WELDING 1.5 TURNS. AT THE CONTRACTOR'S OPTION, #4 HOOP STIRRUPS WITH 2'-0" LAP AT 6" SPACING MAY BE SUBSTITUTED FOR SPIRAL IN CAISSON AT NO ADDITIONAL COST TO THE DEPARTMENT.
9. THE BOTTOM OF DRILLED SHAFTS MUST BE INSPECTED BY THE PROJECT GEOTECHNICAL ENGINEER.

NOTE:

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

NOTE ! IMPORTANT NOTICE! THIS DRAWING IS AN INCOMPLETE WORK-IN-PROGRESS AND ITS USE IS SUBJECT TO NOTE 1 ON DRAWING NO. 1-01.

BRIDGE NO. 40

DESIGN LOADS: HL-93	12/21/09
DRAWN BY	DATE
CHECKED BY	DATE
SUPERVISOR	DATE
APPROVED	DATE

REVISIONS

NO.	DATE	DESCRIPTION	DR'G	CHKR	SUPV	APPR
A	6/30/11	TYPOGRAPHICAL ERRORS (SC 11 Review 2)	KTM	[illegible]	[illegible]	[illegible]
B	11/29/11	90% SUBMISSION	KTM	[illegible]	[illegible]	[illegible]
C	11/13/12	PLOTTED PER SDETS TERMINATION FOR CONVENIENCE DIRECTION	KTM			

Georgia Transportation Partners

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

JBT J.B. Trimble, Inc.
2550 Heritage Ct. SE Suite 250
Atlanta GA 30339-3062
(770) 952-1022

BRIDGE SHEET 6 OF 6

I-75 / I-575 NORTHWEST CORRIDOR

I-575 REVERSIBLE OVER NOONDAY CREEK NORTH
INTERMEDIATE BENTS

CHEROKEE COUNTY NH000-0575-01(028)

DRAWING NO. 35-31