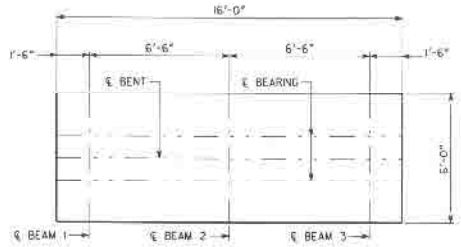
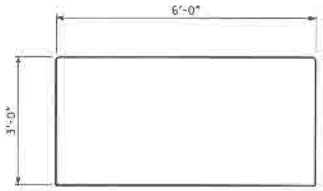
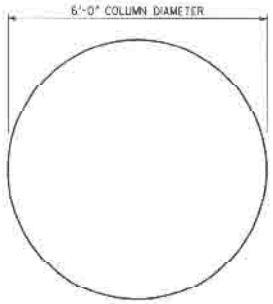
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA	NH000-0575-01(028)		



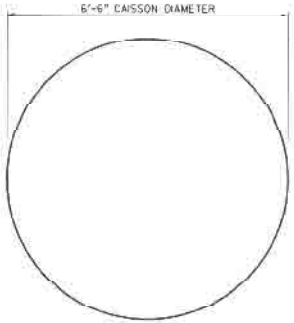
PLAN



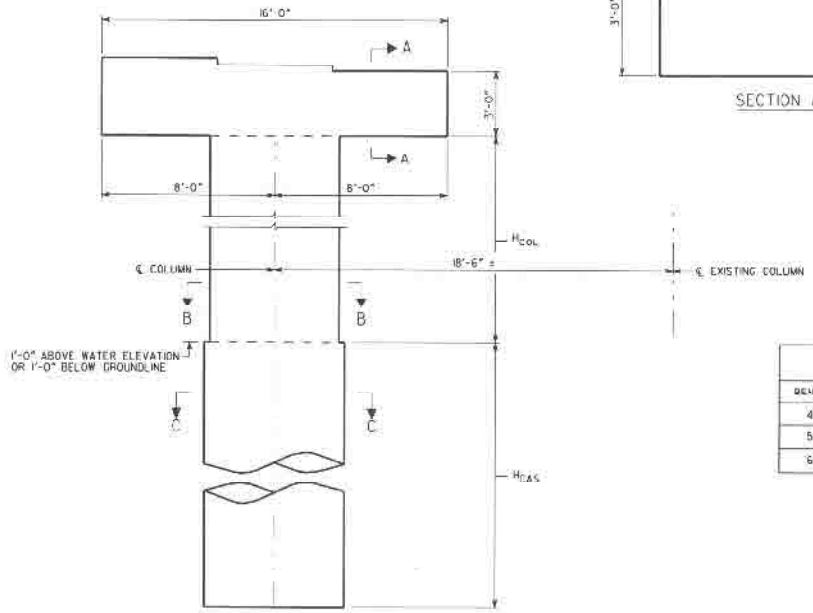
SECTION A-A



SECTION B-B



SECTION C-C



ELEVATION

TABLE OF DIMENSIONS			
BENT	H_{COL}	H_{CAS}	BOT. OF CAISS. EL.
4	43'-3"	38'-0"	807
5	43'-3"	36'-0"	809
6	37'-3"	24'-6"	827

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 15'-0" INTO SOUND ROCK AT BENTS 4, 5 & 6.
4. PERMANENT CASINGS SHALL BE REQUIRED TO CONSTRUCT DRILLED CAISSONS.
5. CUT UP PERMANENT CASING AT GROUND LINE OR WATER SURFACE WHICHEVER IS HIGHER.
6. MINIMUM LAP SPLICE FOR #11 CAISSON REINFORCEMENT SHALL BE 9'-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.

NOTES:

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. 42

REVIEWED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
SUPERVISOR	DATE
APPROVED	DATE

REVISIONS

NO	DATE	DESCRIPTION	DRG	CHKR	SUPV	APPR
3	6/30/09	PROGRESS DRAWINGS (SPLICE REVISION)	MW	JW	[illegible]	[illegible]
2	11/19/09	SUE SUBMITTED	MW	JW	[illegible]	[illegible]
1	11/18/09	ADJUSTED COSTS TERMINATION FOR CONVERGENCE DIRECTION	MW			

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 7 OF 7

I-75 / I-575 NORTHWEST CORRIDOR

I-575 REVERSIBLE OVER LITTLE RIVER
INTERMEDIATE BENTS 4, 5 & 6

CHEROKEE COUNTY NH000-0575-01(028)

DRAWING NO. 35-44