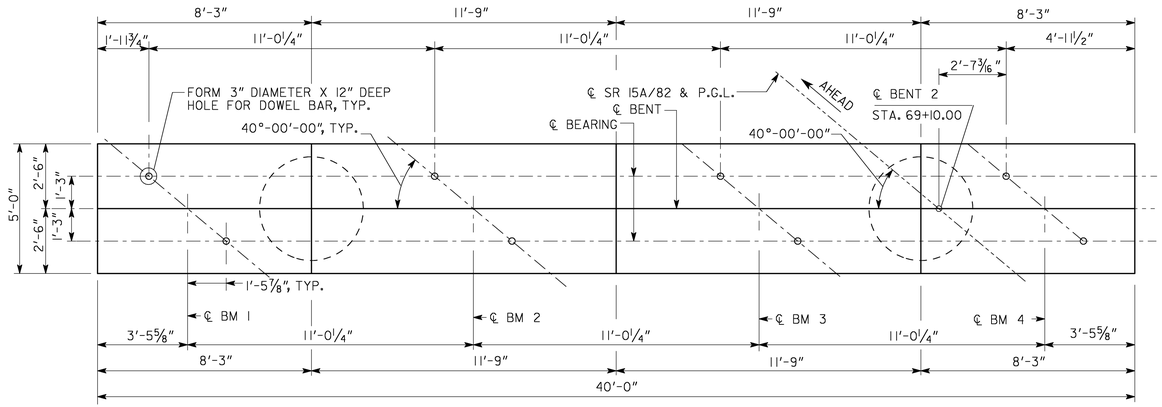
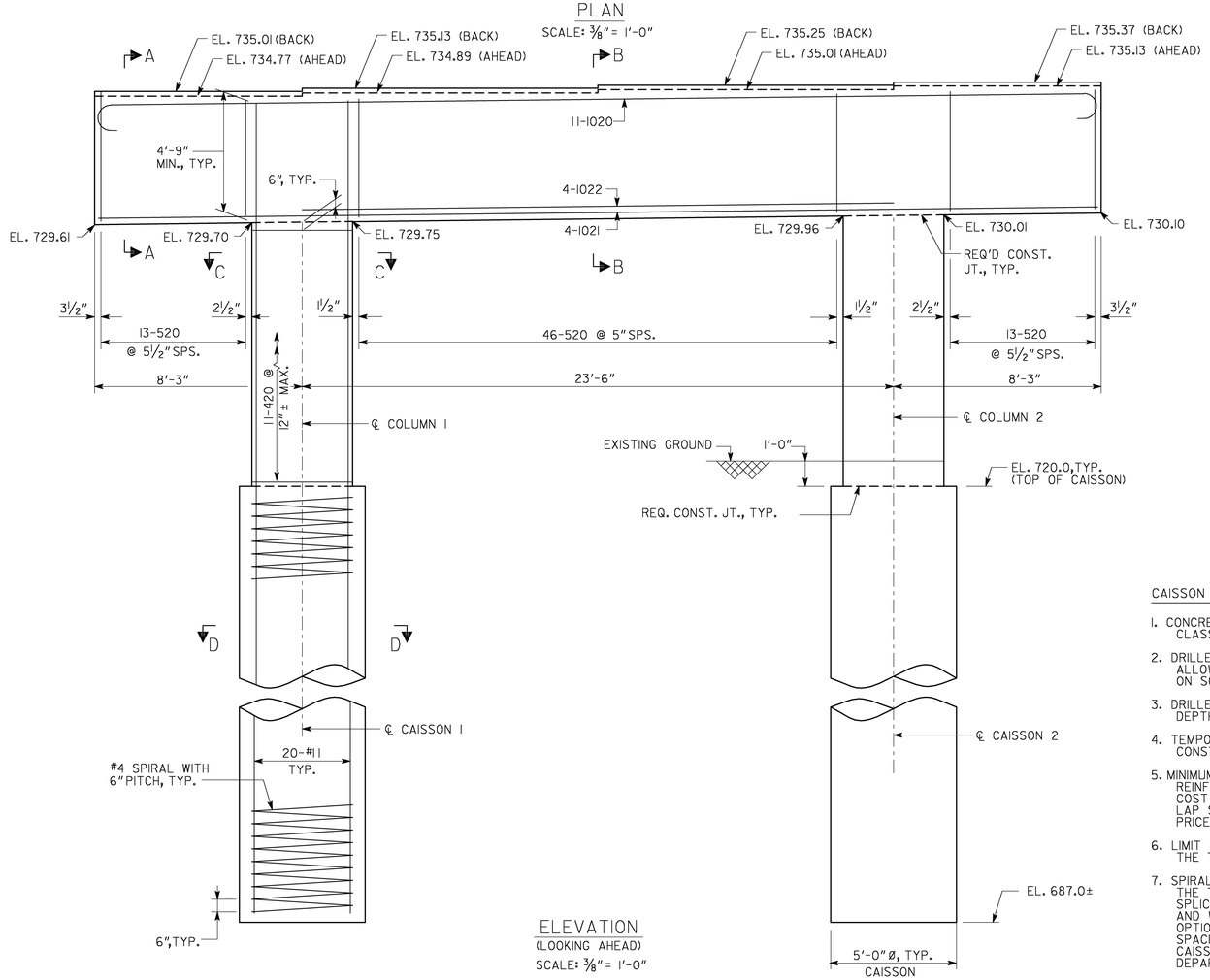
VOID

STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BHF00-0052-02(020)	231	400



PLAN

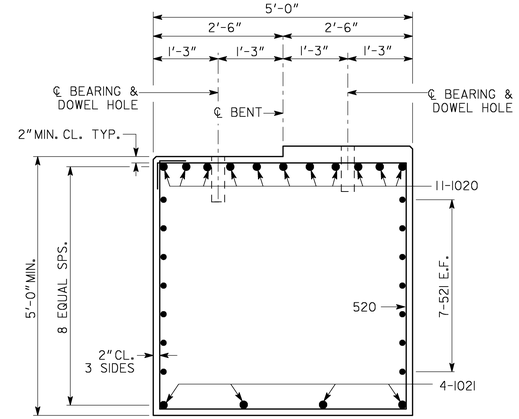
SCALE: ⅜" = 1'-0"



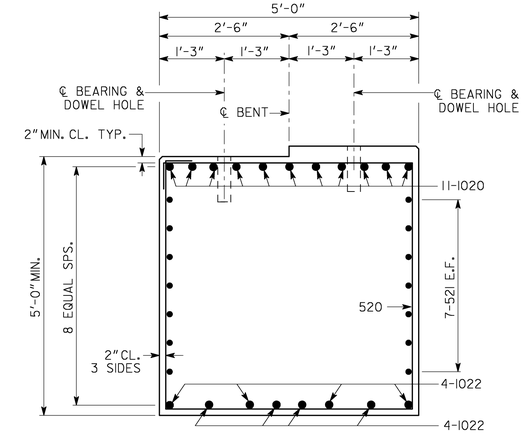
ELEVATION

(LOOKING AHEAD)

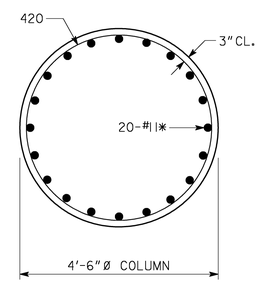
SCALE: ⅜" = 1'-0"



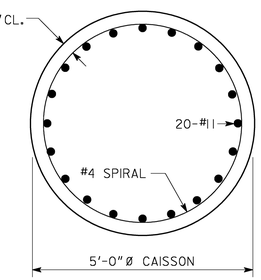
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

* CAISSON REBAR SHALL BE EXTENDED INTO CAP AS SHOWN.

NOTE:
MAINTAIN 2" CLEARANCE UNLESS OTHERWISE NOTED.

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 70 KSF ON SOUND ROCK.
3. DRILLED CAISSONS SHALL EXTEND A MINIMUM DEPTH OF 5'-0" INTO SOUND ROCK.
4. TEMPORARY CASINGS SHALL BE REQUIRED TO CONSTRUCT DRILLED CAISSONS.
5. 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.
6. LIMIT OF PAYMENT FOR CAISSON SHALL BE THE TOP OF CAISSON.
7. 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.

SUBSTRUCTURE QUANTITIES

ITEM	BENT 2
CY CLASS AA CONCRETE	50.2
LB BAR REINF STEEL	5358

BRIDGE NO. 1

TranSystems
1780 CORPORATE DRIVE
SUITE 400
NORCROSS, GA 30093
PHONE (770) 931-8005
FAX (770) 931-8555

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

REVISIONS		BY	DATE
	ADDRESSED FFPR COMMENTS	JKM	9-17-2013

BENT 2

SR 15A/82 (KISSAM ST.) OVER CURRY CREEK

JACKSON COUNTY BHF00-0052-02 (020)

SCALE : NO SCALE U.N.O. MARCH 2013

DRAWING NO. 35-11

BRIDGE SHEET 11 OF 15

DESIGNED RLF | CHECKED JKM | REVIEWED WMD/DLC
DRAWN JKM | DESIGN GROUP DDF | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

12/12/2013 1:11:31 PM