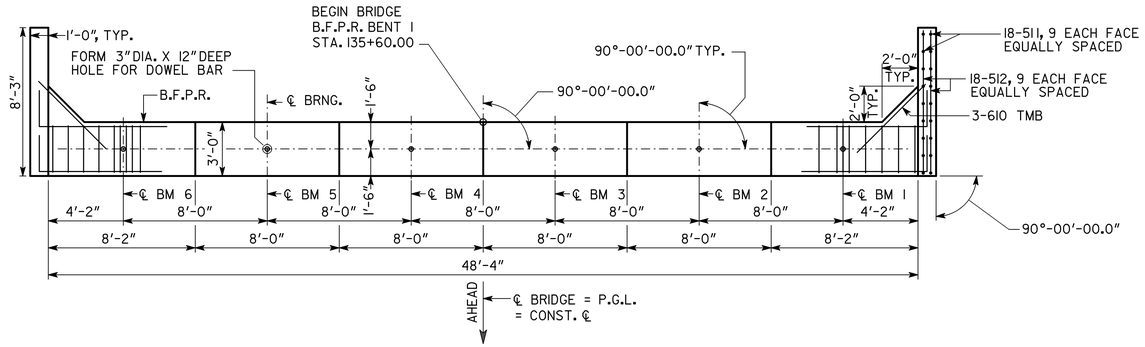
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	BRSTO-0076-01(037)	71	148

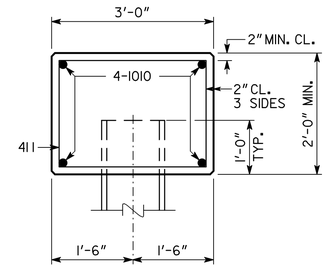
POUR WINGWALLS MONOLITHICALLY WITH CAP.

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

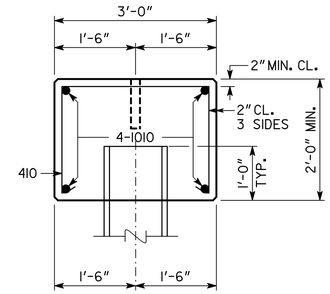
SEE GA. STD. 9037 FOR DRAINAGE DETAILS AT END BENT.



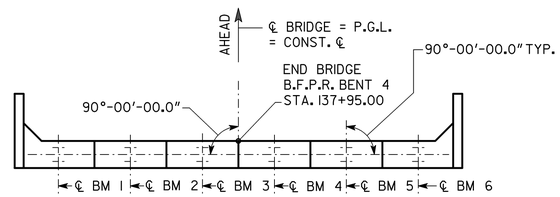
PLAN



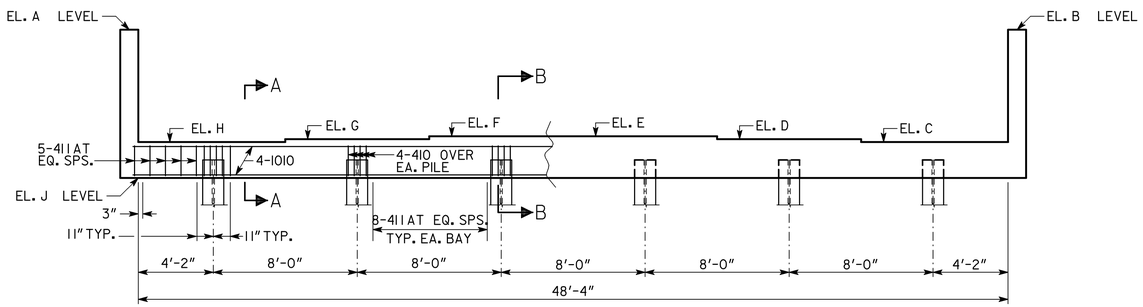
SECTION A-A
NO SCALE



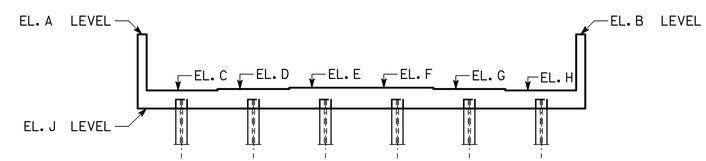
SECTION B-B
NO SCALE



PLAN



ELEVATION
BENT 1
(LOOKING BACK)



ELEVATION
BENT 4
(LOOKING AHEAD)
NO SCALE

SUBSTRUCTURE QUANTITIES		
ITEM	BENT 1	BENT 4
CU YD CLASS "AA" CONCRETE	16.34	16.44
LB BAR REINFORCEMENT STEEL	1941	1941

TABLE OF ELEVATIONS									
	A	B	C	D	E	F	G	H	J
BENT 1	345.93	345.93	340.46	340.62	340.78	340.78	340.62	340.46	338.46
BENT 4	346.54	346.54	341.10	341.26	341.42	341.42	341.26	341.10	339.10

ALL PILES SHALL BE STEEL H 12 HP 53

PLAN DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO THE DRIVING RESISTANCE AS SHOWN AFTER THE FOLLOWING MINIMUM TIP ELEVATIONS ARE ACHIEVED.

	DRIVING RESISTANCE (TONS)	MINIMUM TIP (FT.)
BENT 1	68	320
BENT 4	62	296

BRIDGE NO. 1

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

END BENT 1 AND 4 DETAILS
S.R. 47 OVER KEG CREEK
(CLARKS HILL / J. STROM THURMOND LAKE)
COLUMBIA CO. BRSTO-0076-01(037)

DATE | REVISIONS | BY

DRAWING NO. 35-14
BRIDGE SHEET 14 OF 18

SCALE: 1/4" = 1'-0" UNLESS OTHERWISE NOTED JANUARY 2012

DESIGNED JLM | CHECKED RAG | REVIEWED WEI/WMD
DRAWN JLM | DESIGN GROUP RAG | APPROVED BFR

1 INCH WHEN PRINTED FULL SIZE

EBENTSE.DGN

...\columbia 292305 final.dgn 11/26/2013 7:38:24 AM