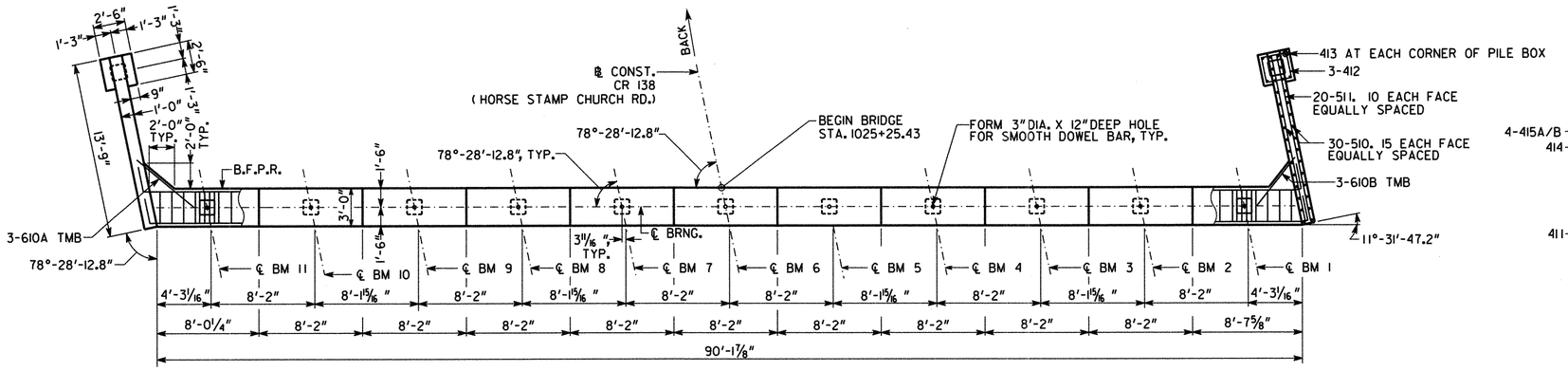
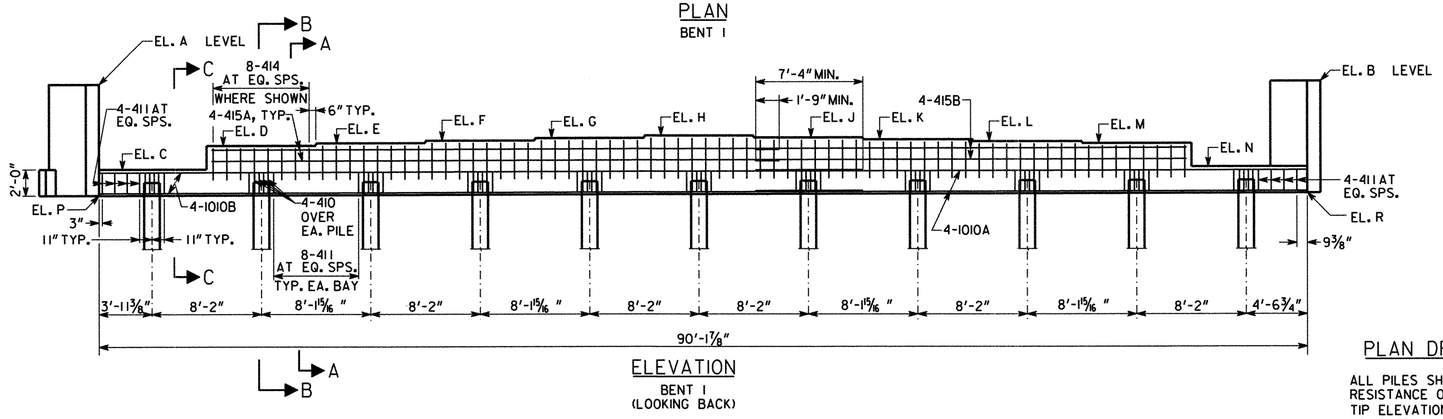
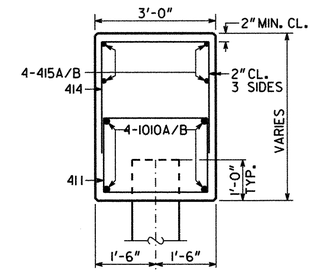


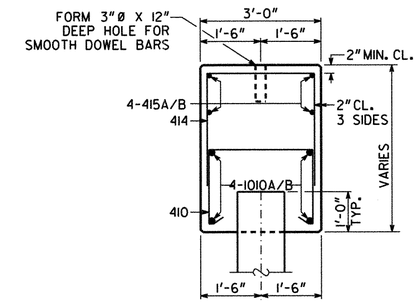
PLAN
BENT 1



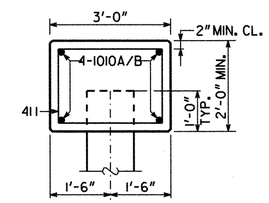
ELEVATION
BENT 1
(LOOKING BACK)



SECTION A-A



SECTION B-B



SECTION C-C

NOTES:

- POUR WINGWALLS MONOLITHICALLY WITH CAP.
- MAINTAIN 2" CL. ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
- WINGWALL PILES NOT SHOWN IN ELEVATION VIEW.
- SEE GA. STD. 9037 FOR DRAINAGE DETAIL AT END BENTS.
- ALL PILES SHALL BE PSC 16 IN. SQ.

PLAN DRIVING OBJECTIVE

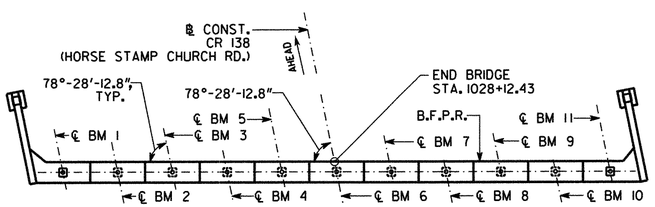
ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 75 TONS AFTER MINIMUM TIP ELEVATIONS AS SHOWN BELOW ARE ACHIEVED.

BENT	PILE NO.	MIN. TIP ELEV.
1	1-6	26.0
	7-13	-15.0
5	1-6	26.0
	7-13	-14.0

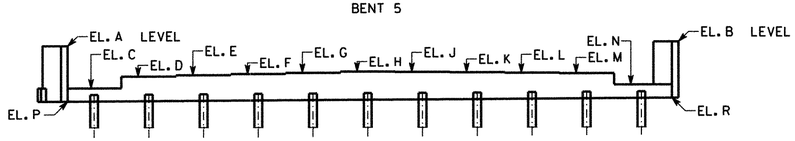
SEE AS BUILT FOUNDATION INFORMATION SHEET FOR PILE NOS.

SUBSTRUCTURE QUANTITIES

ITEM	BENT 1	BENT 5
CY CLASS "AA" CONCRETE	46.3	45.8
LB BAR REINFORCEMENT STEEL	4336	4346



PLAN
BENT 5



ELEVATION
BENT 5
(LOOKING AHEAD)

TABLE OF ELEVATIONS

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R
BENT 1	50.50	50.70	44.15	45.94	46.12	46.30	46.48	46.63	46.51	46.37	46.23	46.09	44.33	42.13	42.33
BENT 5	51.28	50.55	44.93	46.71	46.88	47.05	47.22	47.37	47.25	47.10	46.95	46.80	45.02	42.92	43.02

BRIDGE NO. 1

Moreland Altobelli Associates, Inc.
2211 Beaver Ruin Road Suite 190
Norcross, Georgia 30071
Tel.: (770) 263-5945

REVISIONS			
BY	DESCRIPTION	DATE	Δ

DESIGNED	JTW
DRAWN	DAW
CHECKED	QSJ
GDOT LIAISON	PSR
REVIEWED	WEI/WMD
APPROVED	PVL
SCALE : 3/16" = 1'-0"	
JANUARY 2010	

GEORGIA DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION - OFFICE OF BRIDGE AND STRUCTURAL DESIGN

END BENTS 1 & 5
CR 138 (HORSESTAMP CHURCH ROAD) OVER I-95
NH000-0095-01(167)
CAMDEN COUNTY

BRIDGE SHEET 10 OF 18

DRAWING No. 35-0010

X.DGN