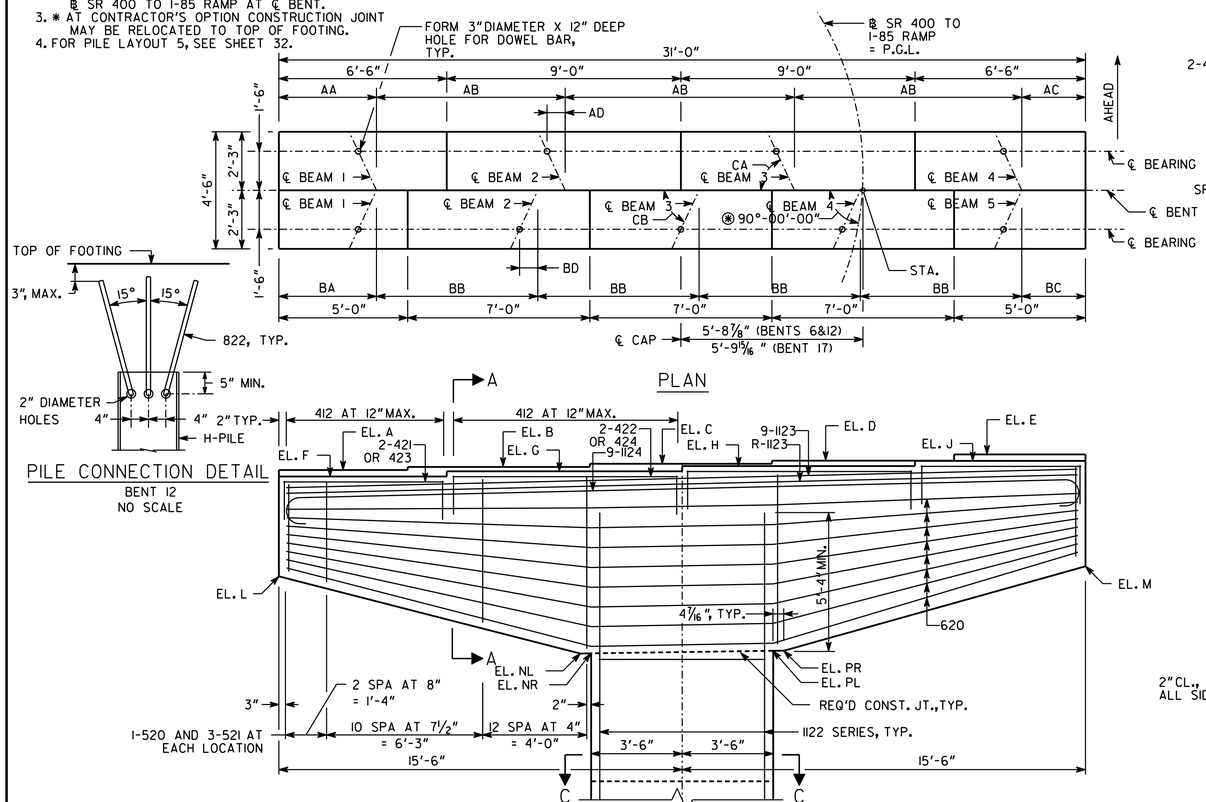
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	NH000-0085-02(153)	265	480

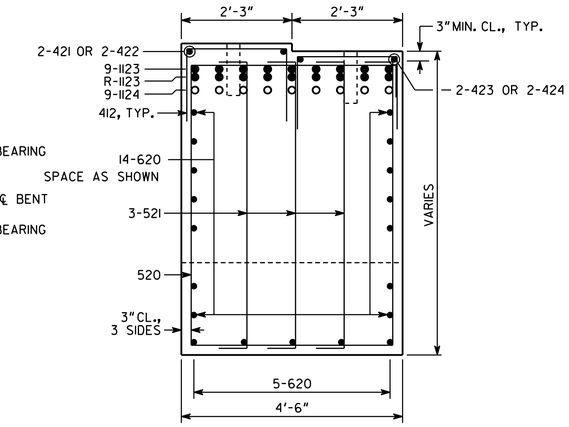
BENT	BACK SPAN EL. A	EL. B	EL. C	EL. D	EL. E	AHEAD SPAN EL. F	EL. G	EL. H	EL. J	EL. L	EL. M	EL. NL	EL. NR	EL. PL	EL. PR	EL. Q	STA.	AA	AB	AC	AD	BA	BB	BC	BD	CA	CB	R	T	U	V	W	X	Y	Z	PILE LAYOUT	MIN. TIP EL.	BENT
6	893.05	893.45	893.85	894.25	894.65	893.06	893.59	894.12	894.65	889.17	890.86	886.45	886.47	886.83	886.85	849.00	117+37.55	2'-2¾"	8'-10 3/16"	2'-2 11/16"	1"	2'-2⅝"	6'-7 11/16"	2'-2⅝"	1⅛"	86°-52'-38"	86°-21'-24"	8	4'-9"	3'-4½"	2'-9"	9'-6"	6'-6"	13'-9"	10'-9"	5	795	6
12	904.18	904.58	904.97	905.37	905.77	904.04	904.57	905.10	905.63	900.27	901.96	897.55	897.57	897.93	897.95	842.50	125+94.55	2'-2¾"	8'-10 3/16"	2'-2 11/16"	1"	2'-2⅝"	6'-7 11/16"	2'-2⅝"	1⅛"	86°-52'-58"	86°-21'-24"	8	4'-6"	1'-6"	3'-0"	10'-0"	7'-0"	10'-0"	7'-0"	7	815	12
17	864.61	865.01	865.41	865.81	866.20	864.51	865.04	865.57	866.11	860.71	862.40	857.99	858.01	858.37	858.39	784.00	132+83.30	2'-2¾"	8'-10 3/16"	2'-2 11/16"	1 1/16"	2'-2¾"	6'-7⅝"	2'-2¾"	1⅛"	86°-38'-01"	86°-30'-03"	9	5'-3"	3'-6"	3'-0"	10'-0"	7'-0"	14'-0"	11'-0"	6	774	17

NOTES:
1. MAINTAIN 2" CL. ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
2. ⊛ ANGLE IS MEASURED FROM TANGENT ON ℄ SR 400 TO I-85 RAMP AT ℄ BENT.
3. * AT CONTRACTOR'S OPTION CONSTRUCTION JOINT MAY BE RELOCATED TO TOP OF FOOTING.
4. FOR PILE LAYOUT 5, SEE SHEET 32.

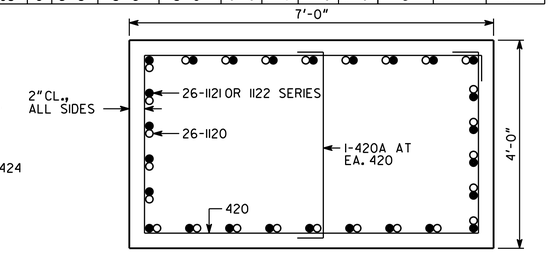


PLAN

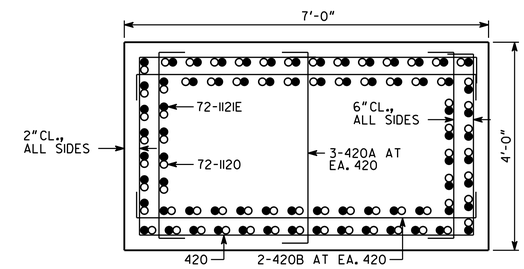
PILE CONNECTION DETAIL
BENT 12
NO SCALE



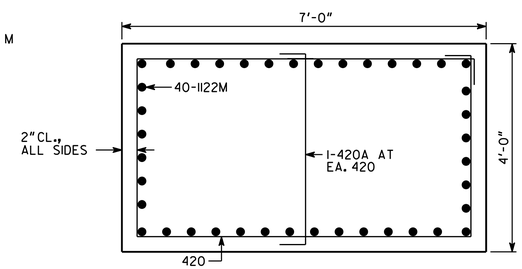
SECTION A-A
NO SCALE



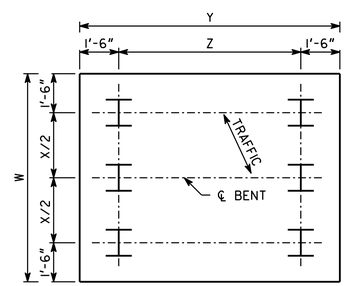
SECTION B-B
BENT 6 OR 12
NO SCALE



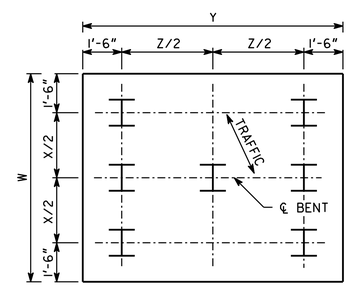
SECTION B-B
BENT 17
NO SCALE



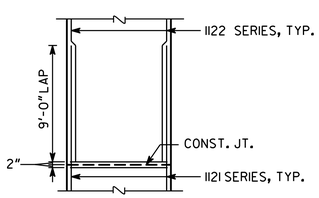
SECTION C-C
BENT 17
ABOVE LOWEST CONST. JT.
NO SCALE



PILE LAYOUT 6
NO SCALE



PILE LAYOUT 7
NO SCALE

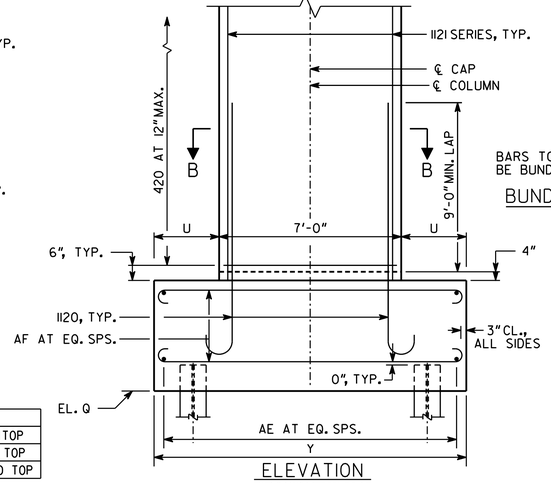


COLUMN CONSTRUCTION JOINT DETAIL
NO SCALE

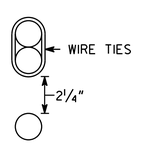
PROVIDE CONSTRUCTION JOINTS AT THE FOLLOWING LOCATIONS:

BENT	ELEV.
12	877.00
17	819.25
17	849.25

BENT	AE	AF
6	23-860 BOT./15-560 TOP	28-861 BOT./15-561 TOP
12	24-812 BOT./15-512 TOP	12-812 BOT./15-512 TOP
17	23-812 BOT./15-512 TOP	35-870 BOT./15-570 TOP

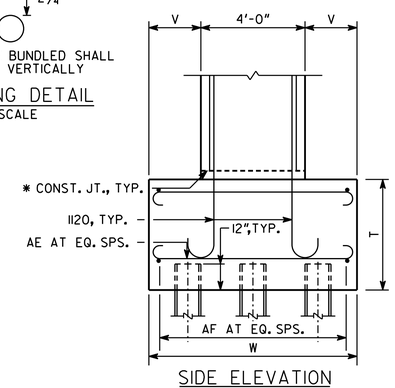


ELEVATION
(LOOKING AHEAD)



BARS TO BE BUNDLED SHALL BE BUNDLED VERTICALLY

BUNDLING DETAIL
NO SCALE



SIDE ELEVATION

SUBSTRUCTURE QUANTITIES			
ITEM	BENT 6	BENT 12	BENT 17
CU YD CLASS "AA" CONCRETE	87.9	99.7	129.2
LB BAR REINFORCEMENT STEEL	18094	21498	44807

ALL PILES SHALL BE STEEL H, HP 14 X 117

PLAN DRIVING OBJECTIVE

ALL PILES SHALL BE DRIVEN TO A DRIVING RESISTANCE OF 284 TONS AFTER A MINIMUM TIP ELEVATION OF (SEE TABLE) IS ACHIEVED.

AS-BUILT

DRAWING NO. 35.4 -34

BRIDGE SHEET 34 OF 50

BRIDGE NO. 4

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

INTERMEDIATE BENTS 6, 12 & 17
SR 400 SOUTHBOUND TO I-85 NORTHBOUND FLYOVER
SR 400/I-85 CONNECTOR RAMPS
FULTON COUNTY NH000-0085-02(153)

NOT TO SCALE MARCH 2012

DESIGNED BCB/GBL CHECKED MS/KAK REVIEWED
DRAWN DB/BCB DESIGN GROUP APPROVED

REVISIONS BY DATE

J:2011026/BRIDGE/BRIDGE4/4-34_IBT 5X4-BEAM.DGN