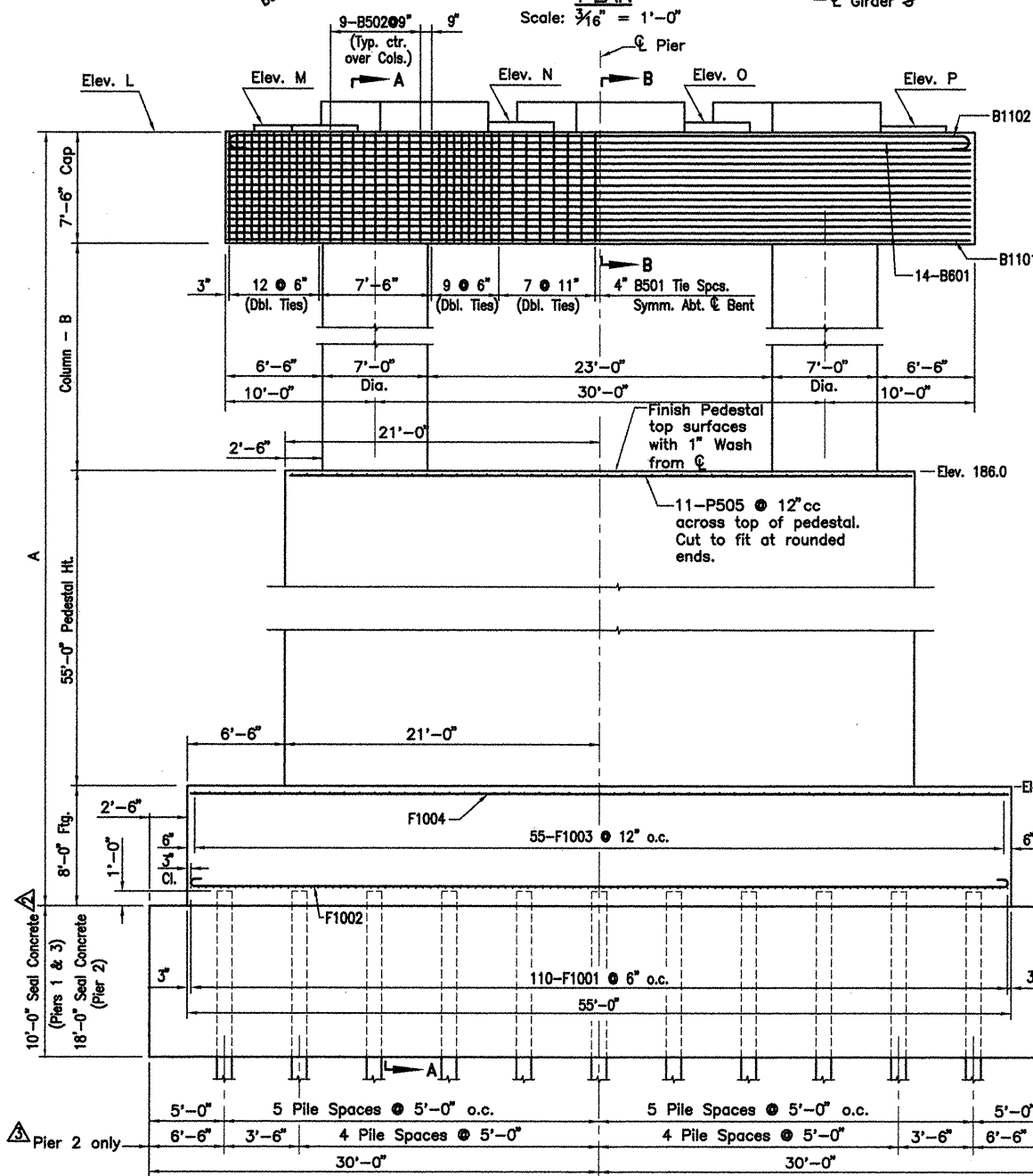
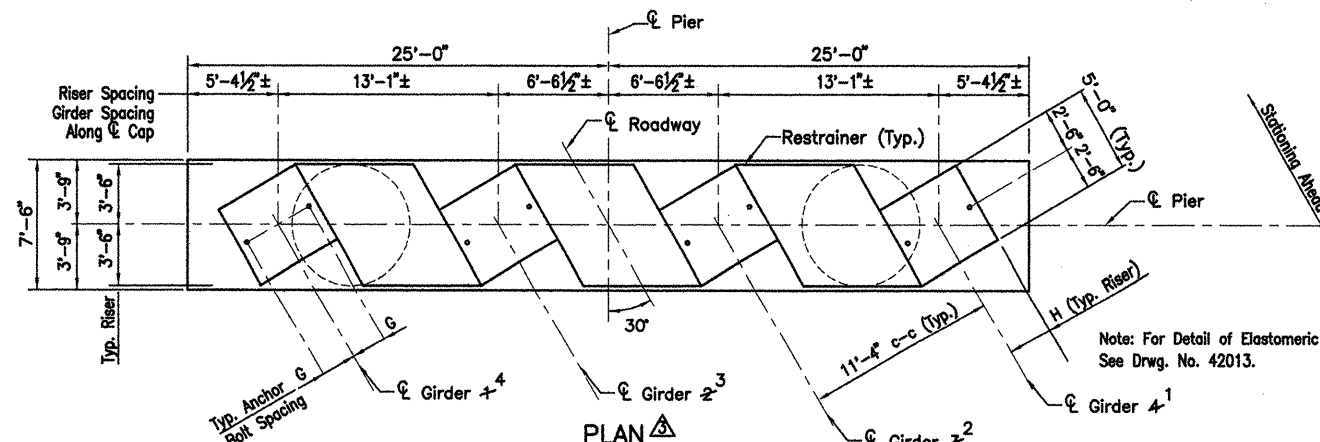
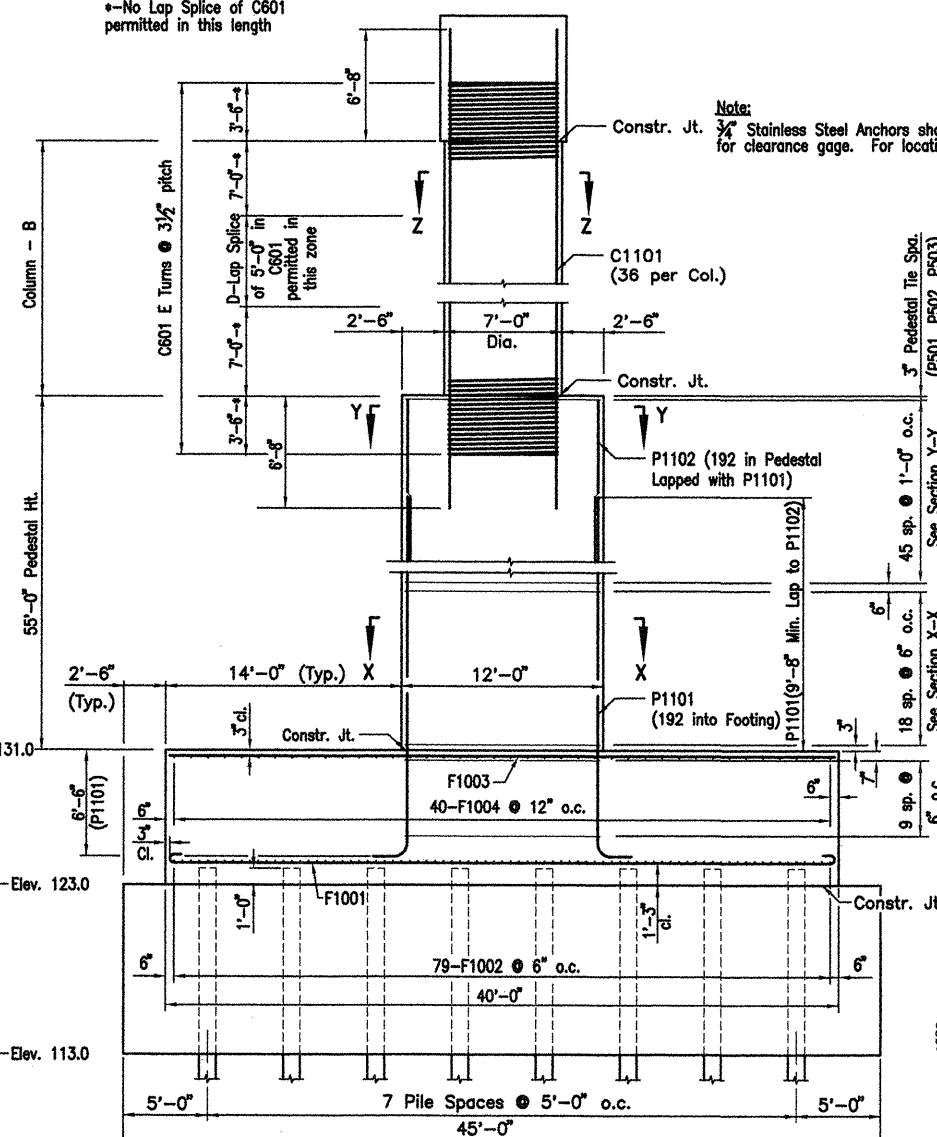


DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
6-3-2010					ARK.			
10-14-2011								
9-25-2012								
				JOB NO.	110394	64	196	
				06830	PIERS		41976	



ELEVATION
Scale: $\frac{3}{16}'' = 1'-0''$
Looking Forward

*-No Lap Splice of C601 permitted in this length



SECTION A-A
Scale: $\frac{3}{16}'' = 1'-0''$

TABLE OF VARIABLES

Variable	Pier No.		
	1	2	3
A	99'-3"	100'-3 5/8"	99'-0 1/4"
B	28'-9"	29'-9 5/8"	28'-6 1/4"
C	42'-1"	43'-1 5/8"	41'-10 1/4"
D	14'-9"	15'-9 5/8"	14'-6 1/4"
E	121	125	121
F	2544'-3"	2626'-2 1/4"	2544'-3"
G	2'-1 1/2"	2'-1 1/2"	1'-9 1/2"
H	2'-7 1/2"	2'-7 1/2"	2'-3 1/2"
Elev. L	222.25	223.30	222.02
Elev. M	222.73	223.63	222.32
Elev. N	222.91	223.87	222.61
Elev. O	222.86	223.88	222.67
Elev. P	222.58	223.67	222.50

For locations of C and F, see Dwg. 41978

NOTES:

Concrete in cap, columns and pedestal shall be Class "S" with a minimum 28-day compressive strength $f'_c = 3500$ psi. Type I cement shall be used in the cap and Type II cement shall be used in the pedestal. Concrete in footings shall be Class B with a minimum compressive strength $f'_c = 3000$ psi. Concrete shall be poured in the dry and all exposed corners to be chamfered $\frac{3}{4}$ " unless noted otherwise. See Special Provision Job No. 110394, "Use of Type II Cement".

All reinforcing to be AASHTO M31 or M53, Grade 60.

All piling shall be HP14x89 (AASHTO M270, Gr. 50).

For Dewatering cofferdam, maximum water surface elevation is 160.0 for seal size shown.

If anchor bolts are drilled into cap, top reinforcing bars shall be properly placed to avoid damage.

For Sections B-B, X-X, Y-Y and Z-Z, see Dwg. 41977.

For additional information, see Layout.

- Revised Pier 2 Pile Layout and Girder Line Designations By HJE/MM 9-25-2012
- Revised Seal Depth at Pier No. 2 and Notes By HJE/MM 10-14-2011
- Revised Dimensions By AHTD, MM, HJE 6-3-2010 Checked MM

ALTERNATE NO. 1 & 2

(SHEET 1 OF 3)
DETAILS OF PIERS 1, 2 AND 3

WHITE RIVER STR. & APPRS.
(CLARENDON) (PH II) (F)
MONROE COUNTY

ROUTE 79 SEC. 13

STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Engstrom/Modjeski and Masters, Inc.

DRAWN BY: FS DATE: Apr. 10 FILENAME: b110394_b1
CHECKED BY: JES DATE: Nov. 01 SCALE: $\frac{3}{16}'' = 1'-0''$
DESIGNED BY: FS DATE: Nov. 01
BRIDGE NO. 06830 DRAWING NO. 41976

