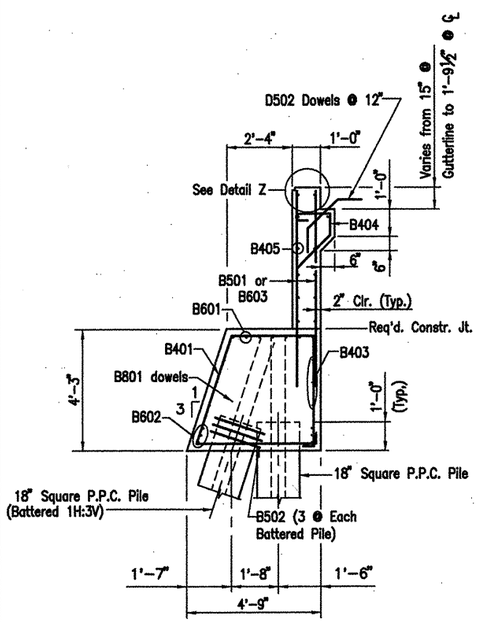
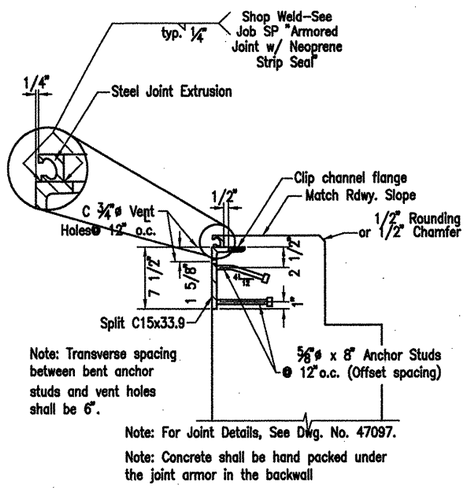
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. ROAD NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
					ARK.			
				JOB NO.		110395	33	203
				06830		END BENT		47031

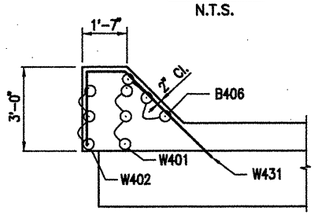
COMPANY\1999 JOBS\99-044 AHTD\WHITERIVER\JOB 110395\2EndBnt1Alt1 ACAD SCALE: 3/8"=1'-0"



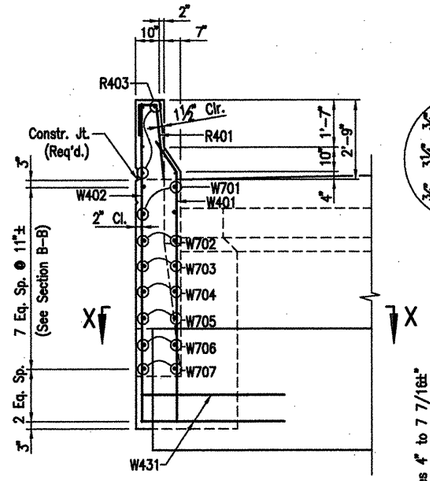
SECTION C–C
Scale: 3/8" = 1'-0"



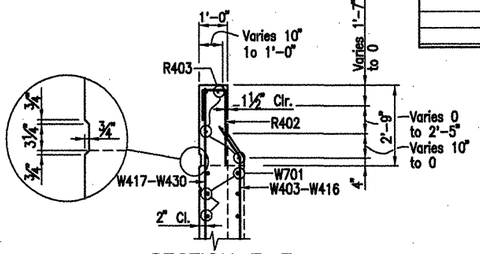
DETAIL Z
N.T.S.



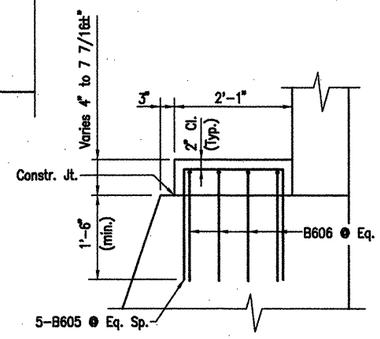
SECTION X–X
Scale: 3/8" = 1'-0"



SECTION D–D
Scale: 3/8" = 1'-0"

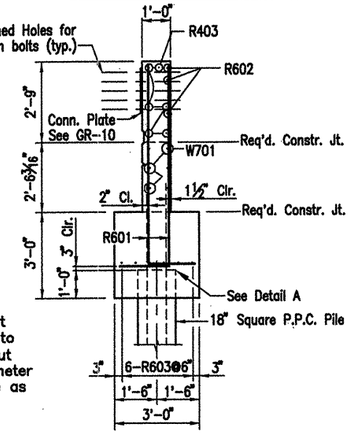


SECTION E–E
Scale: 3/8" = 1'-0"

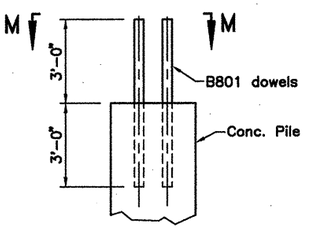


RISER DETAIL
Scale: ¾" = 1'-0"

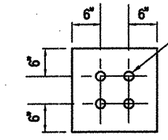
The riser reinforcing steel shall be placed with the bent cap reinforcing steel. The Contractor has the option to drill and grout the riser reinforcing steel at least 1'–6" into the cap using an approved non–shrink grout or an epoxy grout listed in the QPL. Diameter of holes and installation procedure shall be as recommended by the grout manufacturer. Place bent reinforcing properly to avoid damage. This work shall be paid under "Reinforcing Steel – Bridge".



SECTION F–F
Scale: 3/8" = 1'-0"

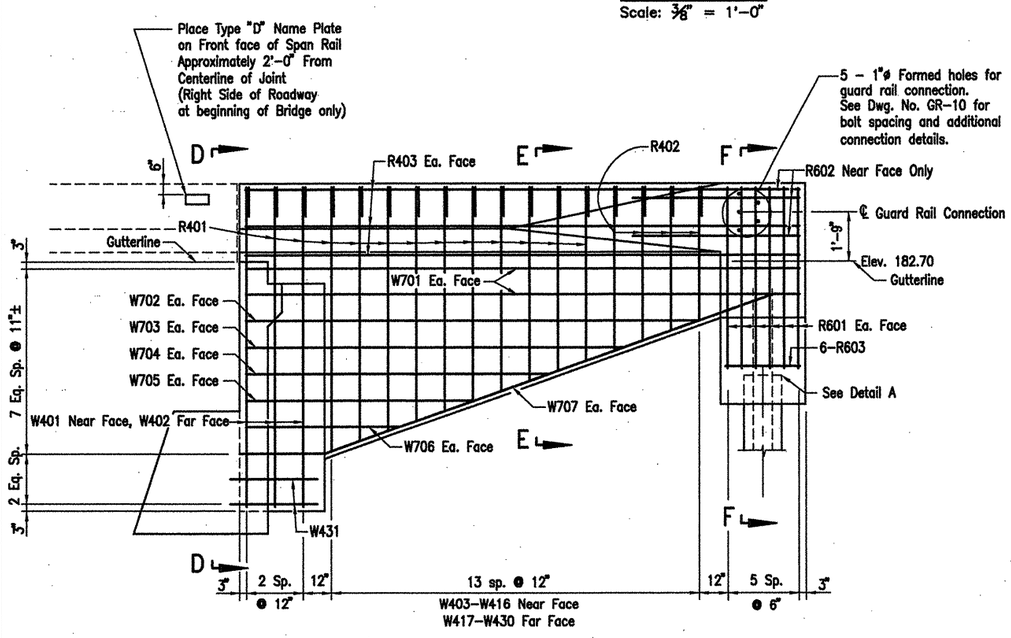


DETAIL A
N.T.S.

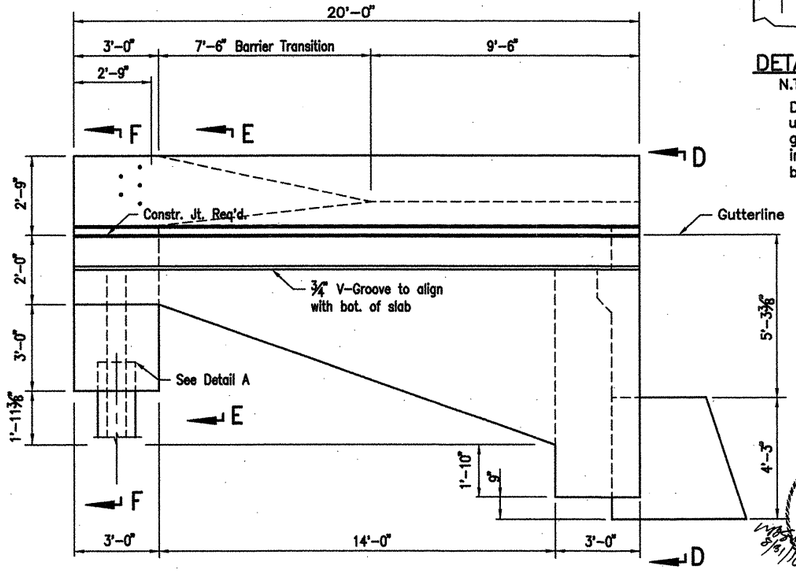


SECTION M–M
N.T.S.

Drill and grout B801 dowels 3'–0" into piles using an approved non–shrink grout or an epoxy grout listed on the QPL. Diameter of holes and installation procedure shall be as recommended by the grout manufacturer.



SECTION B–B
Scale: 3/8" = 1'-0"



VIEW A–A
Scale: 3/8" = 1'-0"

For Sections A–A, B–B and C–C, see Dwg. No. 47030.

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER H. JAMES ENGSTROM NO. 3126

CERTIFICATE OF AUTHORIZATION H. JAMES ENGSTROM & ASSOC., INC. No. 164 ARKANSAS ENGINEER

STATE OF ARKANSAS REGISTERED PROFESSIONAL ENGINEER No. 4281 W. B. CONWAY

ALTERNATE NO. 1
DETAIL OF BENTS – WHITE RIVER ABUTMENTS – END BENT 1
(SHEET 2 OF 2)
WHITE RIVER STR. & APPRS.
(CLARENDON) (PH III) (F)
MONROE COUNTY
ROUTE 79 SEC. 13

ARKANSAS STATE HIGHWAY COMMISSION
LITTLE ROCK, ARK.

Engstrom/Modjeski and Masters, Inc.

DRAWN BY: FS DATE: Nov. 07 FILENAME: b1103951_a2
CHECKED BY: YO DATE: Nov. 01 SCALE: 3/8" = 1'-0"
DESIGNED BY: FS DATE: Nov. 01

BRIDGE ENGINEER

BRIDGE NO. 06830 DRAWING NO. 47031