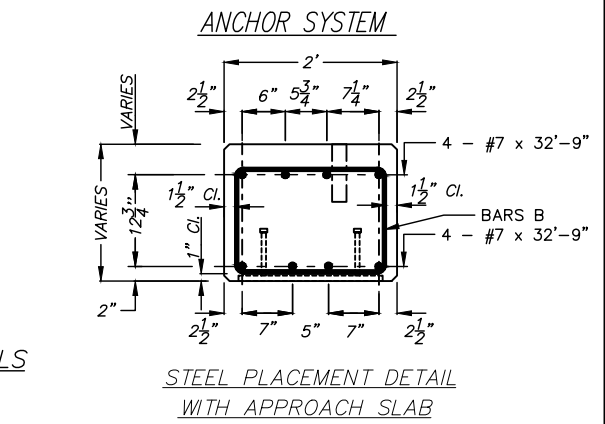
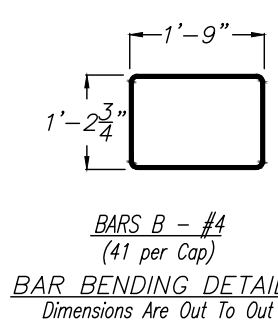
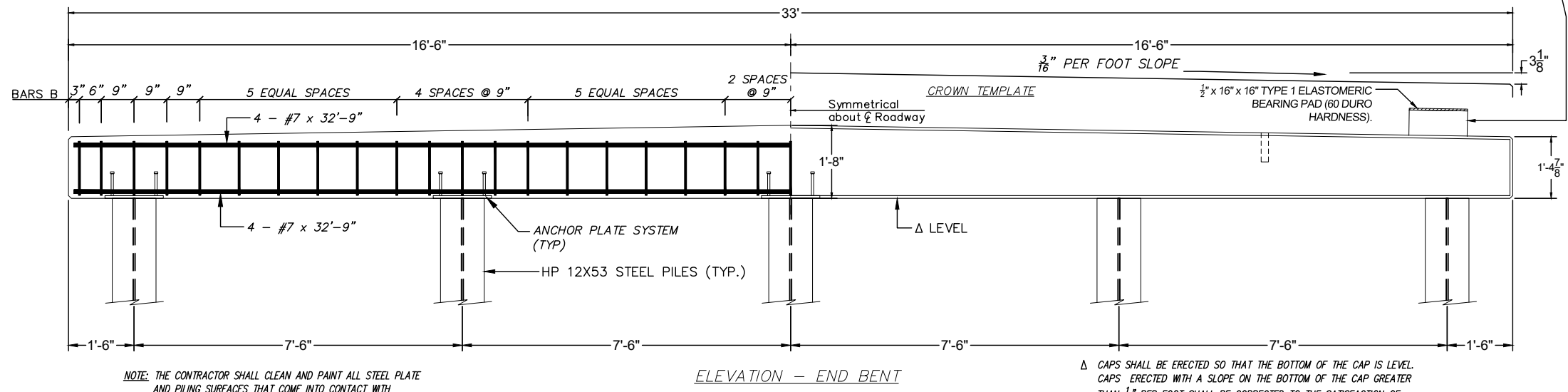
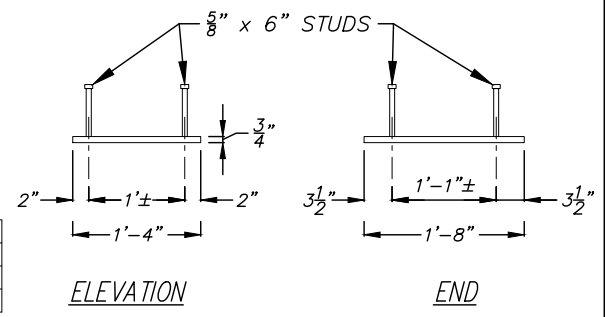


** DEPTH OF RISER BLOCK	
24' SPAN	NA
34' SPAN	4"
40' SPAN	7"

*** PREFORMED EXP. JT. FILLER	
24' SPAN	1/4" x 16" x 28'-0"
34' SPAN	1/4" x 20" x 28'-0"
40' SPAN	1/4" x 23" x 28'-0"

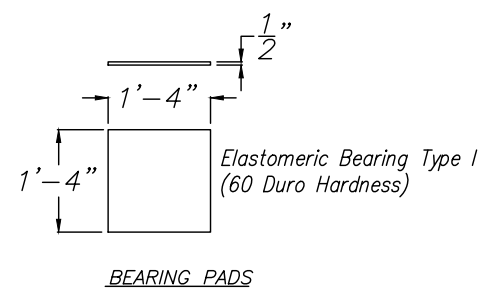


NOTE: THE CONTRACTOR SHALL CLEAN AND PAINT ALL STEEL PLATE AND PILING SURFACES THAT COME INTO CONTACT WITH CONCRETE BEFORE THE CONCRETE IS INSTALLED.

Δ CAPS SHALL BE ERECTED SO THAT THE BOTTOM OF THE CAP IS LEVEL. CAPS ERECTED WITH A SLOPE ON THE BOTTOM OF THE CAP GREATER THAN 1/16" PER FOOT SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER OF RECORD AT NO ADDITIONAL COST TO THE PROJECT.

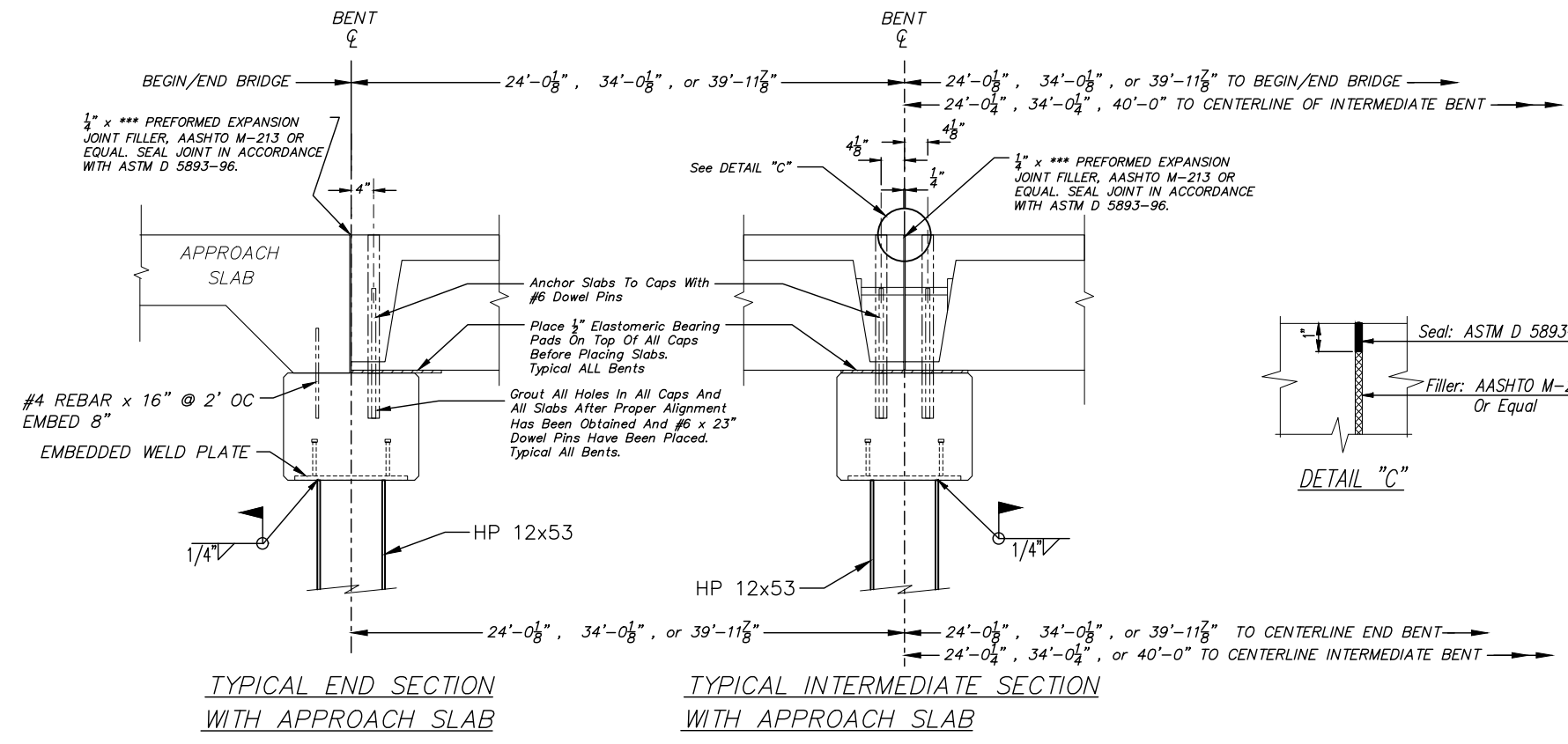
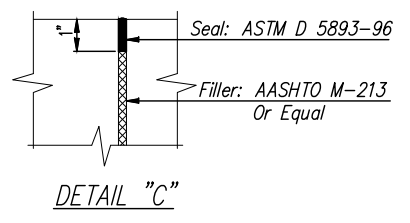
GENERAL NOTES:

- SPECIFICATIONS:**
 AASHTO LRFD BRIDGE CONSTRUCTION SPECIFICATIONS
 AASHTO STANDARD SPECIFICATIONS FOR TRANSPORTATION MATERIALS AND METHODS OF SAMPLING AND TESTING
 AMERICAN SOCIETY FOR TESTING AND MATERIALS
 AMERICAN INSTITUTE OF STEEL CONSTRUCTION
- REINFORCING STEEL:** ALL REINFORCING STEEL SHALL BE GRADE 60 BILLET STEEL MEETING THE REQUIREMENTS OF AASHTO M31. ALL REINFORCING STEEL SHALL BE ACCURATELY LOCATED IN THE FORMS AND PROPER CLEARANCES MAINTAINED WITH STAINLESS STEEL, PLASTIC, OR RUBBER TIPPED CHAIRS. REINFORCING DIMENSIONS ARE CENTER TO CENTER UNLESS OTHERWISE NOTED ON PLANS.
- CONCRETE:** CONCRETE SHALL CONFORM TO AASHTO CLASS A(AE). MINIMUM 28 DAY COMPRESSIVE STRENGTH SHALL BE 3000 PSI. ALL EXPOSED CORNERS TO BE CHAMFERED 3/4" X 45° UNLESS OTHERWISE NOTED.
- STRUCTURAL STEEL AND PILING:** ALL STRUCTURAL STEEL SHALL COMPLY WITH AASHTO M270 GRADE 36. ALL PILING SHALL BE 12" STEEL "H" PILING, 53 LBS PER FOOT. ALLOWABLE PILE LOAD = 40 TONS WITH A FACTOR OF SAFETY OF 2.0 (MIN.) (HL-93).
- WELDING:** ALL WELDING SHALL CONFORM TO ANSI/AASHTO/ANS D 1.5 "BRIDGE WELDING CODE"
- TOLERANCES:** A DEVIATION OF MORE THAN 1/8" MAY BE CAUSE FOR REJECTION OF THE UNIT.
- HARDWARE:** ALL BOLTS SHALL CONFORM TO ASTM A-307 AND BE GALVANIZED IN ACCORDANCE WITH ASTM-A153
- DESIGN DATA:**
 SPECIFICATIONS:.....AASHTO 2017, 8TH EDITION AND ALL INTERIMS
 DESIGN LOADING:.....HL-93



A 1/2" X 8" X 1'-4" Elastomeric Bearing, Type 1, Shall Be Used Under The Outside Legs Of The Exterior Channels.

NOTE: A PRE-FABRICATED H-PILE SPLICER, SUCH AS APF HP-30000 CHAMPION SPLICER OR EQUAL, SHALL BE USED FOR SPLICING PILES.



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 P. O. Box 129 Troy, Alabama 36081
 249 Pike County Lake Rd. Troy, Alabama 36079
 334-566-7422

PRECAST CONCRETE END BENT CAP FOR USE WITH STEEL PILING & 24', 34', OR 40' PRECAST BRIDGE SLABS 28'-0" CLEAR ROADWAY WITH APPROACH SLAB

DATE: 12/05/2022
 STANDARD DWG. NO. PCA-2840-AS LRFD
 SHEET NO. 12 OF 27