

**NOTE:**  
LEFT AHEAD BRIDGE AS SHOWN  
RIGHT AHEAD BRIDGE OPP. HAND

PLAN

**GENERAL NOTES**

**SPECIFICATIONS:**  
AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES  
AASHTO STANDARD SPECIFICATIONS FOR TRANSPORTATION MATERIALS  
AMERICAN SOCIETY FOR TESTING AND MATERIALS

**CONCRETE:**  
CONCRETE SHALL CONFORM TO AASHTO CLASS AE WITH A MINIMAL 28 DAY BREAKING STRENGTH OF 3000 PSI. ALL EXPOSED CORNERS SHALL BE ROUNDED TO A 1/4" RADIUS UNLESS OTHERWISE NOTED.

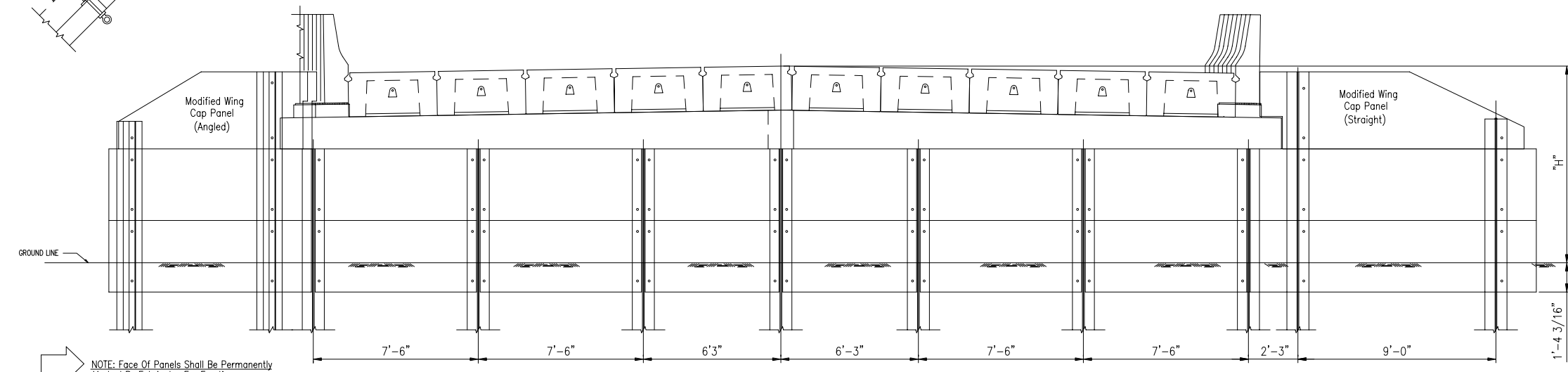
**REINFORCING:**  
ALL REINFORCING STEEL SHOULD BE ACCURATELY LOCATED IN THE FORMS AND FIRMLY HELD IN PLACE. REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF THE APPROPRIATE SECTION OF AASHTO M31, AASHTO M32, AASHTO M221 OR AASHTO M225. REINFORCING DIMENSIONS ARE TO THE C'S OF BARS UNLESS OTHERWISE NOTED. THE ABOVE STEEL WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED AS SUBSIDIARY TO THE ITEM OF PRECAST CONCRETE ABUTMENT PANELS.

**HARDWARE:**  
ALL MACHINE BOLTS CONNECTING CONCRETE ABUTMENT PANELS TO PILING SHALL BE CONSIDERED INCIDENTAL TO THE WORK.  
ALL BOLTS SHALL CONFORM TO ASTM A-307 AND BE GALVANIZED IN ACCORDANCE WITH ASTM A-153.

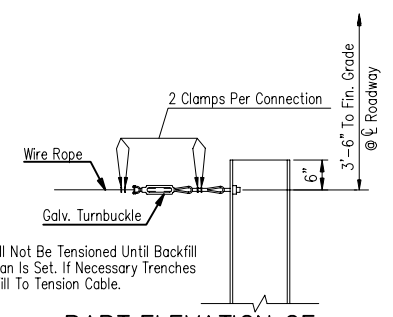
**BID ITEMS:**  
\_\_\_\_ PRECAST CONCRETE ABUTMENT PANELS, TYPE \_\_\_\_\_ - EACH.  
\_\_\_\_ PRECAST CONCRETE WING PANELS TYPE \_\_\_\_\_ - EACH.  
\_\_\_\_ PRECAST CONCRETE ABUTMENT WING CAP PANELS - EACH.  
\_\_\_\_ PRECAST CONCRETE ABUTMENT WING CAP PANELS, SPECIAL - EACH.  
\_\_\_\_ WIRE ROPE ABUTMENT ANCHOR ASSEMBLY - PER EACH.

**DESIGN DATA:**  
 $f_c = 12000 \text{ PSI}$ ;  $f_s = 24,000 \text{ PSI}$ ;  $N = 10$

**NOTE:** REFER TO STANDARD DRAWING PCP-2400 & PCP-2800 FOR ABUTMENT & WING PANEL DETAILS NOT SHOWN HEREON.

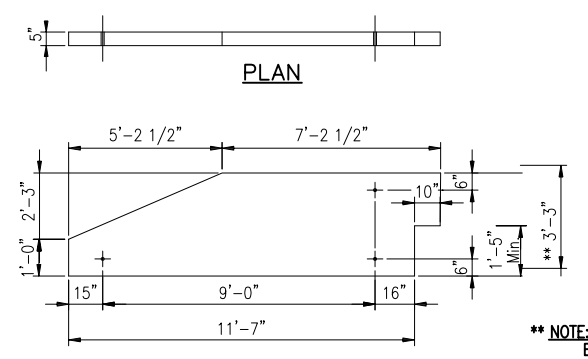


ELEVATION

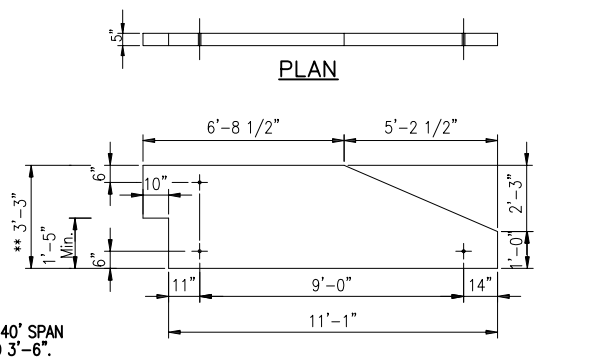


PART ELEVATION OF PILE ANCHOR

**NOTE:** THE CONTACTOR SHALL HAVE THE OPTION OF ATTACHING THE TURNBUCKLE DIRECTLY TO THE U-BOLT ON THE ANCHOR PILE.



ELEVATION  
MODIFIED WING CAP PANEL (ANGLED)



ELEVATION  
MODIFIED WING CAP PANEL (STRAIGHT)

**CBE CONEUCH BRIDGE & ENGINEERING, LLC**  
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PRECAST CONCRETE ABUTMENT PANELS  
FOR USE WITH 32' & 40'  
PRECAST CONCRETE SPANS  
35'-0" CLEAR ROADWAY ON 30° SKEW

DATE:  
7/18/03

STANDARD DWG. NO.  
PCP-3500 -30  
SHEET NO. 1 OF 1