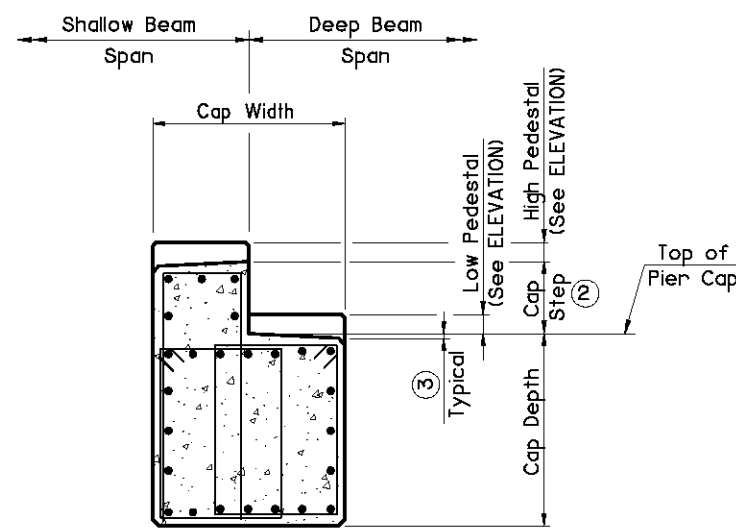
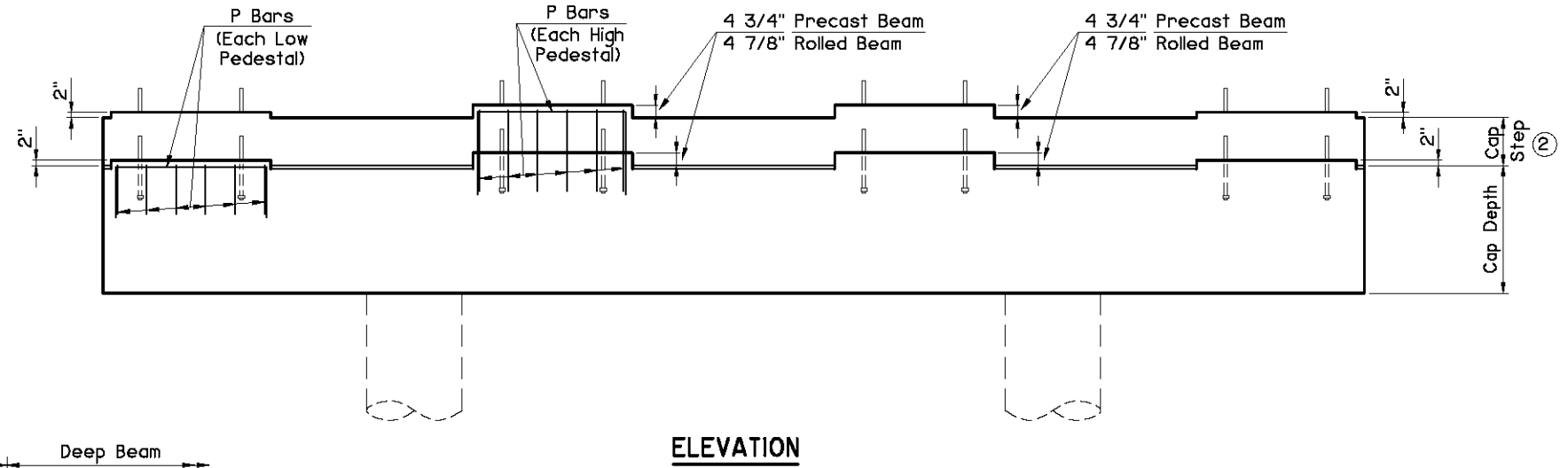
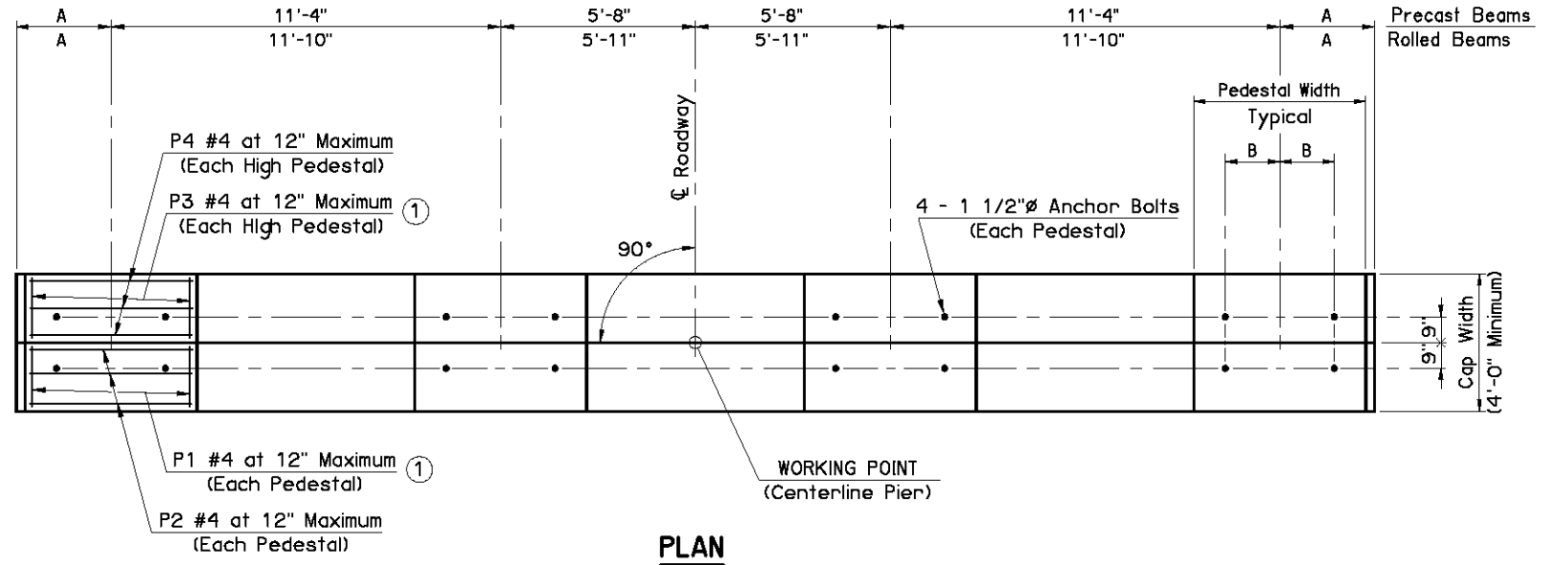
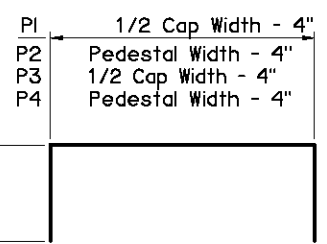


DIMENSION SCHEDULE			
BEAM TYPE	A	B	PEDESTAL WIDTH
TYPE II PRECAST BEAM	2'-3"	1'-2 3/8"	4'-0"
TYPE B PRECAST BEAM	2'-3"	1'-2 3/8"	4'-0"
TYPE III PRECAST BEAM	2'-5"	1'-4 3/8"	4'-4"
TYPE C PRECAST BEAM	2'-5"	1'-4 3/8"	4'-4"
TYPE IV PRECAST BEAM	2'-7"	1'-6 3/8"	4'-8"
TYPE BT-72 PRECAST BEAM	2'-7"	1'-6 3/8"	4'-8"
TYPE J PRECAST BEAM	2'-9"	1'-8 3/8"	5'-0"
ROLLED BEAM	2'-3"	1'-2 7/8"	4'-0"



Cap Details shown are for informational purposes only. The Design Engineer will apply the information shown in a comprehensive Bridge Pier design. The Bridge Pier design shall account for, but not be limited to, eccentricity of live loads and application of collision forces (if necessary). The Design Engineer will produce a complete set of Bridge Pier details which shows the applicable information from this standard with the balance of information necessary for construction.



- Minimum pedestal reinforcing shown. Additional reinforcing to satisfy Concrete Breakout Anchorage Requirements may be required.
- Provide Cap Step dimension equal to the difference in "H" dimensions found on the LONGITUDINAL SECTION for each span.
- Provide dimension corresponding to 5% minimum slope.
- Provide bar length to extend 1'-0" minimum below top of Pier Cap.

TYPICAL SECTION THRU CAP

NOTE: Cap reinforcing shown is for illustration only.

APPROVED BY BRIDGE ENGINEER *Scott J. Smith* DATE *4/2/10*

OKLAHOMA DEPT. OF TRANSPORTATION
BRIDGE STANDARD (ENGLISH)

STEPPED PIER CAP GUIDELINES

2009 SPECIFICATIONS | B40-PIER-SCAP | OOE
B-34E