

PRESTRESSED CONCRETE MEMBERS

3-04-05

~~In Section 1078-12 of the Standard Specifications. After the first sentence of “5,” place the following:~~

1078-13(E)
“Conduit may be rigid one-piece or rigid two-piece (split sheathed). Do not use flexible conduit.”

~~In Section 1078-13 of the Standard Specifications, after the fourth paragraph add the following paragraph:~~

1078-14
“When handling the prestressed concrete members, a temporary stress of $5\sqrt{f_{ci}}$ is permitted, where f_{ci} is the strength of concrete at release, in psi.”

~~In Section 1078-5 of the Standard Specifications, place the following two sentences after the first paragraph:~~

1078-5
“When casting holes through the top flange of Bulb Tee Girders for overhang or interior bay falsework hanger rods use rigid PVC conduits with a wall thickness of approximately 1/8 inch. Do not use thin wall material. Secure conduits in the forms so that they do not migrate out of the proper location. Other methods of forming holes may be proposed but are subject to the Engineer’s approval.”

“When casting dowel rod holes in cored slab or box beam members use material that creates round, vertical holes of the specified diameter and in the correct location. Do not use material that deforms, collapses or shifts position during casting of the member.”