

4000402 CONCRETE STRUCTURES  
INTERNAL/INDUSTRY REVIEW COMMENTS

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Comments: (5-16-16, Internal)

We've seen jobs with plan notes but no pay item in the contract. I don't think replacing "proposal" with "Plans" works in 400-23.1.2 or 400-23.8. Maybe "contract" would work better.

Response: This was changed to "Contract Documents" prior to Industry Review.

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Randy Cropp  
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Comments: (5-19-16, Internal)

I agree with Keith.

Response: This was changed to "Contract Documents" prior to Industry Review.

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Comments: (6-1-16)

Will the Structures Detailing Manual section 13.7 need to be adjusted to reflect the option for plain neoprene? (Figure 13.7-4 for example shows anchor rod details for composite Neoprene Bearings). Not sure if necessary.

Response: Per Structures Design Guidelines Section 6.5, composite neoprene pads, pot bearings or disc bearings are generally used for steel girder superstructures which is the superstructure type shown in Structures Detailing Manual Figure 13.7-4. Plain neoprene pads are used for flat slab superstructures for which dowels are sometimes used but never anchor bolts as shown in Figure 13.7-4. Plain neoprene pads could also be used for short span rolled shape superstructures but FDOT does not typically use this superstructure type. We will consider adding a detail similar to Figure 13.7-4 to the Structures Detailing Manual for flat slab superstructures that shows plain pads and dowels.

No change made.

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Comments: (6-9-16)

Section 400-11.3 may be modified as - Use bearing pads for seating bridge shoes components, ends of beams, and slabs of the types specified or required in the Plans. (bridge shoes are usually used for pile tips and does not require neoprene pad.)

Response: Specification 400 does not apply to piles. “Bridge shoes” and “pile shoes” as described in 455-6.3.3 are two different things. “Bridge shoes” is an archaic term though and is not used elsewhere in FDOT design or detailing criteria.  
No change made.

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