

4550400 COMMENTS FROM INDUSTRY REVIEW

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COMMENTS:

- A. In Subarticle 455-11.2.8 Underwater Driving, subpart (c)** The file reference at the end of the sentence seems incorrect. Should the sentence read (underlined text = changed):

(c) Using a pile follower: When a pile follower is used with a conventional pile driving system, the method of payment will be the same as shown above in 455-1.-2.8(b).

I note this same issue is present in the 2004 Standard Specifications as well.

- B. In Subarticle 455-11.8 and 455-12.8 Fiberglass Structurally Reinforced Composite Piles:** Is this the same as Plastic Composite Fender Piles referred to in Subarticles 455-4, and 455-12.15? If the same product is being addressed, the item naming should be consistent.

- C. In Subarticle 455-11-9 Pile Splices:** Should a splices in Plastic Composite Fender Piles be prohibited? It seems logical that pile splices would not be by the conventional method for other splicing materials, but due to the relatively short lengths, pile splices may not be intended at all. Clarification is suggested.

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COMMENTS:

-There doesn't appear to be a material specification defined or referenced. I would have expected to see a section 455-10 Plastic Composite Fender Piles which would include description and materials/manufacture subsections. What materials are acceptable?

-It is confusing that here:

455-4 Classification.

The Department classifies piling as follows:

- (1) Treated timber piling.
- (2) Prestressed concrete piling.
- (3) Steel piling.
- (4) Test piling.
- (5) Sheet piling.
 - (a) Concrete sheet piling.
 - (b) Steel sheet piling.
- (6) Plastic Composite Fender Piles

and

455-12.1415 Payment Items: Payment will be made under:
Item No. 455-37- Plastic Composite Fender Piles

The new fender piles are called "Plastic Composite Fender Piles" and that under

455-11 Method of Measurement (All Piling).

455-11.8 Fiberglass Structurally Reinforced Composite Piles

and 455-12 Basis of Payment (All Piling).

455-12.8 Fiberglass Structurally Reinforced Composite Piles

they are called "Fiberglass Structurally Reinforced Composite Piles." If applicable, a consistent title would be preferable.

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COMMENTS:

The following are my comments related to the proposed change:

1- General

The Standard Specification includes specification for timber, prestressed concrete, and steel piling in the other parts of the book. There is no reference specification for the plastic piling. The criteria for the selection of these pilings should be included in the specification.

2- Specific Comments:

Section 455-4 has listed different classes of piling. The classification is based on the materials. I recommend that the test piling should be removed from the Classification of 455-4. The test piling can belong to any types of material.

3- The description of "Plastic Composite Fender Piles" has been mentioned in Subarticles 455-4 and 455-12.15. Subarticle 455-11.8 and 455-12.8 describes "Fiberglass Structurally Reinforced Composite Piles". It is not clear if these changes are related to plastic piling or these are additional changes. The correspondence indicate that the changes are related to plastic piling.