

ORINATION FORM

Proposed Revisions to the Specifications

(Please provide all information - incomplete forms will be returned)

Date:

Office:

Originator:

Specification Section:

Telephone:

Article/Subarticle:

email:

Associated Section(s) Revisions:

Will the proposed revision require changes to:

Publication	Yes	No	Office Staff Contacted
Standard Plans Index			
Traffic Engineering Manual			
FDOT Design Manual			
Construction Project Administration Manual			
Basis of Estimate/Pay Items			
Structures Design Guidelines			
Approved Product List			
Materials Manual			
Maintenance Specs			

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

Materials Bulletin

Have all references to internal and external publications in this Section been verified for accuracy?

Synopsis: Summarize the changes:

Justification: Why does the existing language need to be changed?

Do the changes affect either of the following types of specifications (Hover over type to go to site.):

Special Provisions

Developmental Specifications

List Specifications Affected: (ex. SP3270301, Dev330TL, Dev334TL etc.)

Contact the State Specifications Office for assistance in completing this form.

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STRUCTURAL PORTLAND CEMENT CONCRETE.
(REV 6-23-22)

SUBARTICLE 346-2.2 is deleted and the following substituted:

346-2.2 Types of Cement: Unless a specific type of cement is designated in the Contract Documents, use Type I, Type II, Type IP, Type IT, Type IS, Type II, ~~Type II-(MH)~~ or Type III cement in all classes of concrete. Use Type II, Type IT, or Type II-~~(MH)~~ for all mass concrete elements.

Use only the types of cements designated for each environmental classification in structural concrete as shown in Table 346-1. A mix design for a more aggressive environment may be used in a less aggressive environmental condition.

Table 346-1 Cement Use by Environmental Classification			
Component	Slightly Aggressive Environment	Moderately Aggressive Environment	Extremely Aggressive Environment ⁽¹⁾
Bridge Superstructures			
Precast Superstructure and Prestressed Elements	Type I or Type III	Type I, Type II, Type II, Type III, Type IP, or Type IS	Type II- (MH) , Type II, Type III ⁽²⁾ , Type IT or Ternary Blend
Cast in Place	Type I	Type I, Type II, Type II, Type IP, or Type IS	Type II- (MH) , Type II, Type IT or Ternary Blend
Bridge Substructures, Drainage Structures, and other Structures			
All Elements	Type I or Type III	Type I, Type II, Type II, Type IP, or Type IS	Type II- (MH) , Type II, Type IT or Ternary Blend
Notes:			
(1) Cements used in a more aggressive environment may also be used in a less aggressive environment.			
(2) Type III cement may be used in an Extremely Aggressive Environment for precast superstructure and prestressed elements when the ambient temperature at the time of concrete placement is 60°F and below.			