



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

May 2 2006

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: Office of Design, Specifications
Section 455
Proposed Specification: 4550400 -Structures Foundations

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Structures Foundations.

This change was proposed by Robert Robertson of the State Structures Office to include reference to plastic piles. Plastic piles are included in the newest fender systems and will be used for installation requirements.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on file.

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/bd

Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

STRUCTURES FOUNDATIONS.
(REV 2-15-06)

ARTICLE 455-4 (of the Supplemental Specifications) is deleted and the following substituted:

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*

SUBARTICLE 455-12.14 (of the Supplemental Specifications) is deleted and the following substituted:

455-12.14 Payment Items: Payment will be made under:

- Item No. 455- 2- Treated Timber Piling - per foot.
- ~~Item No. 2455- 2- Treated Timber Piling - per meter.~~
- Item No. 455- 14- Concrete Sheet Piling - per foot.
- ~~Item No. 2455- 14- Concrete Sheet Piling - per meter.~~
- Item No. 455- 18- Protection of Existing Structures - lump sum.
- ~~Item No. 2455- 18- Protection of Existing Structures - lump sum.~~
- Item No. 455- 34- Prestressed Concrete Piling - per foot.
- ~~Item No. 2455- 34- Prestressed Concrete Piling - per meter.~~
- Item No. 455- 35- Steel Piling - per foot.
- ~~Item No. 2455- 35- Steel Piling - per meter.~~
- Item No. 455-37- Plastic Composite Fender Piles - per foot.*
- Item No. 455-119- Test Loads- each.
- ~~Item No. 2455-119- Test Loads- each.~~
- Item No. 455-120- Point Protection - each.
- ~~Item No. 2455-120- Point Protection - each.~~
- Item No. 455-133- Steel Sheet Piling - per square foot.
- ~~Item No. 2455-133- Steel Sheet Piling - per square meter.~~
- Item No. 455-137- Dynamic Load Tests - each.
- ~~Item No. 2455-137- Dynamic Load Tests - each.~~
- Item No. 455-143- Test Piles (Prestressed Concrete) - per foot.
- ~~Item No. 2455-143- Test Piles (Prestressed Concrete) - per meter.~~
- Item No. 455-144- Test Piles (Steel) - per foot.
- ~~Item No. 2455-144- Test Piles (Steel) - per meter.~~
- Item No. 455-145- Test Piles (Concrete Cylinder) - per foot.

4550400

Jobs with Structures

Foundations

~~Item No. 2455-145—Test Piles (Concrete Cylinder) per meter.~~

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- | | | |
|-----------|----------|---|
| Item No . | 455- 2- | Treated Timber Piling - per foot. |
| Item No. | 455- 14- | Concrete Sheet Piling - per foot. |
| Item No. | 455- 18- | Protection of Existing Structures - lump sum. |
| Item No . | 455- 34- | Prestressed Concrete Piling – per foot. |
| Item No. | 455- 35- | Steel Piling – per foot. |
| Item No. | 455-37- | Plastic Composite Fender Piles – per foot. |
| Item No. | 455-119- | Test Loads- each. |
| Item No. | 455-120- | Point Protection - each. |
| Item No. | 455-133- | Steel Sheet Piling - per square foot. |
| Item No. | 455-137- | Dynamic Load Tests - each. |
| Item No. | 455-143- | Test Piles (Prestressed Concrete) – per foot. |
| Item No. | 455-144- | Test Piles (Steel) – per foot. |
| Item No. | 455-145- | Test Piles (Concrete Cylinder) – per foot. |