



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

November 26, 2013

Chad Thompson
Programs Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section **410**
Proposed Specification: **4100200 Precast Concrete Box Culvert.**

Dear Mr. Thompson:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Ghulam Mujtaba to remove ASTM A 82, ASTM A 496 and ASTM A 615 and replaced with ASTM A 1064.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Daniel Scheer, P.E.
State Specifications Engineer

DS/cah
Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

PRECAST CONCRETE BOX CULVERT.

(REV 110-126-13)

ARTICLE 410-2 is deleted and the following is substituted:

410-2 Materials.

Ensure that the materials used for the construction of precast box culverts have certification statements from each source, showing that they meet the applicable requirements of the following:

- Portland Cement ConcreteSection 346
- Reinforcing SteelSection 415
- Precast Concrete Drainage Products.....Section 449
- Wire for Site Cage Machines ~~ASTM A82, ASTM A496~~ ~~ASTM A 1064~~
..... or ASTM A615 *Section 931*
- Coarse Aggregate*Section 901
- Fine Aggregate*Section 902
- Curing Materials for ConcreteSection 925
- Materials For Concrete Repair.....Section 930
- Non-Shrink GroutSection 934
- Joint Materials..... ASTM C443, ASTM C877
..... or ASTM C990
- Geotextile FabricsSection 985

* The gradation requirements of aggregates are not applicable when using dry-cast concrete.

** Use products listed on the Department’s Qualified Products List (QPL).

**PRECAST CONCRETE BOX CULVERT.
(REV 11-26-13)**

ARTICLE 410-2 is deleted and the following is substituted:

410-2 Materials.

Ensure that the materials used for the construction of precast box culverts have certification statements from each source, showing that they meet the applicable requirements of the following:

- Portland Cement ConcreteSection 346
- Reinforcing SteelSection 415
- Precast Concrete Drainage Products.....Section 449
- Wire for Site Cage Machines.....Section 931
- Coarse Aggregate*Section 901
- Fine Aggregate*Section 902
- Curing Materials for ConcreteSection 925
- Materials For Concrete Repair.....Section 930
- Non-Shrink GroutSection 934
- Joint Materials.....ASTM C443, ASTM C877
..... or ASTM C990
- Geotextile FabricsSection 985

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