

ORIGINATION FORM

THE INFORMATION BELOW IS TO BE PROVIDED BY THE ORIGINATOR

(The person who receives or originates the issue and needs to forward the issue for action.)

Specification: 649-2

Subject: Galvanized Steel Strain Poles, Mast Arms and Monotube Assemblies – Materials

Origination date: 649-2

Originator: Andre Pavlov

Office/Phone: 850-414-4293

Problem statement: Monotubes are no longer in the Design Standards but the QPL requirement is still in the Specifications. They were removed because most Monotubes are individually designed for the specific intersection geometry and not the standardized lengths given in the Design Standard.

Proposed solution: Remove the QPL requirement from the Specifications.

Information source: Andre Pavlov

Recommended Usage Note:

Estimated fiscal impact, if implemented: None

Implementation of these changes, if and when approved, will begin with the January 2010 letting.



Florida Department of Transportation

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M E M O R A N D U M

DATE: March 11, 2009

TO: Specification Review Distribution List

FROM: Rudy Powell, Jr., P.E., State Specifications Engineer

SUBJECT: Proposed Specification: 6490200, Galvanized Steel Strain Poles, Mast Arms and Monotube Assemblies - Materials

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Andre Pavlov to delete the requirement that monotube assemblies be listed on the Qualified Products List, and that strain poles, mast arms and monotube assemblies be obtained from a fabrication facility that is listed on the Department's list of metal producers with accepted quality control program.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at ST986RP or rudy.powell@dot.state.fl.us. Comments received after April 13, 2009 may not be considered. Your input is encouraged.

RP/dr
Attachment

GALVANIZED STEEL STRAIN POLES, MAST ARMS AND MONOTUBE ASSEMBLIES – MATERIALS.

(REV 3-10-09)

ARTICLE 649-2 (of the Supplemental Specifications) is deleted and the following substituted:

649-2 Materials.

Use strain poles; *and* mast arm ~~and monotube~~ assemblies listed on the Department's Qualified Products List (QPL) for all standard configurations shown in the Design Standards.

Obtain strain poles, mast arm, and monotube assemblies from a fabrication facility that is listed on the Department's list of metal producers with accepted quality control program, meeting the requirements of 105-3.

Provide shop drawings and signed and sealed calculations, as needed, in accordance with Section 5 for configurations shown in the plans and denoted as special.

Use coating products meeting the requirements of Section 975.

Use grouts meeting the requirements of Section 934 listed on the QPL.

Use water meeting the requirements of Section 923.

Use membrane curing compounds meeting the requirements of Section 925.