

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: SECTION 649

Subject: 649 Galvanized Steel Strain Poles, Mast Arms and Monotube Assemblies.

Origination date: August 17, 2010

Originator: Andre Pavlov

Office/Phone: 850-414-4293

Problem statement: Qualified Product List Requirements for Standard Mast Arm "D", "E" & "F" Assemblies (Design Standard 17743 and 17745) and steel strain pole (Design Standard 17723) are identical to the Design Standard.

Proposed solution: Remove the QPL requirements for Standard Mast Arm "D", "E" & "F" Assemblies and steel strain poles from Section 649-2 of the FDOT Standard Specifications for Road and Bridge Construction. A note will be added to each Design Standard stating "In accordance with Specification 5-1.4.2, shop drawings are only required for additions, deletions, or modifications to this Design Standard". The QPL requirements for these two items were initiated when the Department's list of metal producers with an accepted quality control program did not exist.

Information source: Structures Design Office, District Structures Design Engineers

Recommended Usage Note:

Estimated fiscal impact, if implemented: None

Implementation of these changes, if and when approved, will begin with July 2011 lettings.

For State Specifications Office Use Only

Begin date: 9-27-10

File Number: 6490200

Scheduled completion date: 12-31-10

Implementation date: 7/11

Implementation team member: Frances Thomas

Usage Note: All Jobs

Notes: Will be a Supplemental Spec.



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

M E M O R A N D U M

DATE: October 8, 2010

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 remove the Qualified Products List requirements for Standard Mast Arm D, E and F Assemblies and Steel Strain Poles because the Design Standards can be used for fabrication.

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 **November 5, 2010** may not be considered. Your input is encouraged.

RP/ft
Attachment

GALVANIZED STEEL STRAIN POLES, MAST ARMS AND MONOTUBE ASSEMBLIES – MATERIALS.
(REV 8-17-10)

ARTICLE 649-2 (Pages 754 – 755) is deleted and the following substituted:

649-2 Materials.

~~Use strain poles and mast arm 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.