



Florida Department of Transportation

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MEMORANDUM

DATE: November 19, 2015

TO: Specification Review Distribution List

FROM: Daniel Scheer, P.E., State Specifications Engineer

SUBJECT: Proposed Specification: **6490700 Galvanized Steel Poles, Mast Arms, and Monotube Assemblies.**

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

This change was proposed by Chester Henson of the State Roadway Design Office to update the language for current Department practice.

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 online at

<http://www2.dot.state.fl.us/ProgramManagement/Development/IndustryReview.aspx> .

Comments received after **December 18, 2015**, may not be considered. Your input is encouraged.

DS/dt
Attachment

**GALVANIZED STEEL POLES, MAST ARMS, AND MONOTUBE ASSEMBLIES.
(REV 11-12-15)**

ARTICLE 649-7 is deleted and the following substituted:

649-7 Structural Grout Pads.

On mast arm support structures, install a structural grout pad in accordance with the Design Standards and manufacturer's instructions. Prior to grout placement, flush the top of the foundation with water to remove any dirt and debris.

Mix grout to a fluid state in accordance with the manufacturer's recommendations ~~with an efflux time of 20 to 30 seconds~~. Test the grout fluidity using ASTM C939 Flow Cone Method. Discard any grout with an unacceptable efflux time.

Do not use mechanical means to push or vibrate the grout. Clean any excess grout from the base plate. Verify that water inside the pole will drain freely through the installed drain hole.