



Florida Department of Transportation

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DME MEMORANDUM NUMBER 02-12 TRAFFIC OPERATIONS BULLETIN 02-12

To: **District Maintenance Department Heads, District Traffic Operations Engineers**

From: Tim Lattner, P.E., Director, Office of Maintenance
Mark C. Wilson, P.E., State Traffic Operations Engineer

Copies: Tom Byron, P.E., Brian Blanchard, P.E.

Subject: Guidance on Mast Arm Responsibilities

The FDOT has been performing a structural inspection of mast arms since July 2008 and is on a five year inspection cycle. These inspections have identified some needed repairs.

This memo is being sent out to provide guidance on the responsibilities for repairs to mast arms that are being maintained under a Traffic Signal Maintenance and Compensation Agreement in an effort to be Consistent, Repeatable and Predictable.

The routine and structural maintenance responsibilities are based on the 10 mile mast arm boundary limits.

Inside Mast Arm Boundary

- Preventative Maintenance will be the responsibility of the **Local Government / Maintaining Agency**
- Periodic Maintenance Repairs will be the responsibility of the **Department**

Outside Mast Arm Boundary

- Preventative Maintenance & Periodic Maintenance Repairs will be the responsibility of the **Local Government / Maintaining Agency**

Preventative and Periodic repairs are defined as follows:

Preventative

- Repainting or spot painting
- Tightening of nuts and replacing missing or deficient bolts (not including anchor bolts)
- Replacing missing cap covers
- Cleaning
- Replacing missing or deficient access hole cover plates
- Repair and/or removal of grout pads or screens
- Tree trimming
- Removal of soil build up around foundations and insect infestations
- All wiring issues including grounding
- Graffiti removal
- All traffic signal related issues
- Response to traffic impact
- Repair of arm and/or pole, including replacement of mast arm structure due to impact
- Repair of conditions that arose because Preventative maintenance was not performed

Periodic

- Repair of cracks in the mast arm structure
- Resetting of anchor bolts
- Repair or replacement of deteriorated anchor bolts and nuts

If you have any questions, please contact Mark Wilson or Tim Lattner.