Index D17749 Damping Device for Miscellaneous Structures

Design Criteria

Design, Testing and Specification of a Mechanical Damping Device for Mast Arm Traffic Signal Structures; Ronald Cook & David Bloomquist, University of Florida, January 2000. FDOT Report BC-050.

Section 11.7 of the ***Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals***, 5th Edition (LTS-5).

Design Assumptions and Limitations

This device is generally for retrofits in certain unusual applications, generally Mast Arm Signal Structures, where excessive vibration or galloping has been observed. Contact the Structures Design Office for further guidance.

Plan Content Requirements

Insert the entire ***Developmental Design Standards*** Index, received from the Central Office monitor, into the appropriate component plan set in accordance with ***PPM***, Volume 2, Section 3.8.

Not typically for new construction. Contact the Structures Design Office for further guidance.

Payment

Payment is included with miscellaneous structure. No separate payment is made.