



GDOT Publications

Policies & Procedures

Policy: 4270-1- Structural Supports for Highway Signs Luminaries and Traffic Signals

Section: Structural Supports for Signs, Signals and Luminaries

Office/Department: Office of Bridge Design

Reports To: Division of Engineering

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STEEL MAST ARM ASSEMBLIES

The use of steel mast arm assemblies for traffic signal installations is normally detailed in the plans by the Design Phase Leader and the work is controlled under the following sections of the Georgia Standard Specifications:

1. SECTION 639 - Strain Poles for Overhead Sign and Signal Applications

2. SECTION 915 - Mast Arm Assemblies

To limit serviceability concerns due to high amplitude wind vibrations as well as structural concerns due to fatigue loading, steel mast arm assemblies shall be limited by this policy to lengths not to exceed 65 feet.

Exceptions to this policy will not be considered:

References:

None.

History:

Updated policy exceptions section on 3/1/2012.

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