# MAST ARM ASSEMBLY AND POLE *(Kane Co. Supplement)*

Updated: 09/15/2023

This specification is intended to supplement the IDOT special provision 877.01 TS for Kane County Projects. In places of Conflict, this specification shall supersede:

Add the following to Article 1077.03 of the Standard Specifications:

(c) Dampening Plate. As directed by the engineer, a 30 inch by 36 inch, blank, sign panel with stiffening channels, may be requested to be installed at the end of a mast arm to reduce galloping fatigue (in accordance with section 720). The mounting of this sign panel shall be horizontal (skyward) with 18 inches of the panel extending on either side of the arm. Ideal placement of this sign panel is as close to the end of the arm as possible, 5 feet or less from end of arm is desirable, final location to be approved by the engineer. The costs associated with the sign panel, sign mount, stiffening channels, labor or any other related expenses shall be included in the cost of the mast arm assembly and pole being installed.

(d) Shroud. When used, should be appropriately sized as to not overhang the foundation to the satisfaction of the engineer.