



## SPECIFICATIONS



The subject mounting hardware shall be a two-piece, die-cast aluminum alloy assembly. The two separate castings shall be joined in the final assembly by the use of stainless steel spring pins. The spring pins shall be factory installed into the hinge ears which shall be integrally cast into the pole half of the assembly. Final mating of the two halves shall be accomplished by inserting the spring pins into the drilled hinge ears of the head half of the assembly (loose fit).

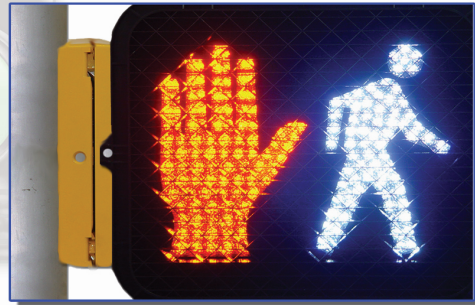
### **APPLICABLE INSTALLATION**

The pole half of the assembly shall be designed to adapt to a wide range of pole configurations (4" /102mm minimum diameter). The pole mating surface shall be configured much like terminal compartments used for conventional bracket mounting.

The half of the assembly mounted to the pole shall not weigh more than 2.5 lb., thus facilitating rapid installation.

### **ADAPTABLE MOUNTING**

Unit construction shall allow for through-bolt, bolt to tapped pole, lag screw and band-it type mounting. Through bolt mounting shall accept two 1/2" (13mm) diameter hex head bolts located on 9" (229 mm) inch centers. A channel with a recessed shoulder shall be included to retain the bolt head (or nut) and thus prevent rotation. Clearance shall be provided on the mating half of the assembly such that the bolt can extend through the nut when it is desired to enclose the nut and bolt end rather than the bolt head.



The swing arm mount assembly mounting system shall include an option for bolting directly to a tapped pole or lag screwing directly to a wood pole.

Band-it type mounting shall be provided integrally casting two recessed slots near the top and bottom of the pole half of the assembly. The corners of this slot shall be relieved to prevent damage to the band-it type strapping material. Approximate dimensions of each slot shall be 7/8" wide and 1/8" deep thus adequately retaining 3/4" (19 mm) strapping material.

### **IMPROVED MOUNTING LOCATION**

The subject mounting hardware shall allow a "pole to pedestrian signal" clearance of approx. 3"/76 mm thus providing stronger and more rigid mounting than conventional bracket mounts. This close spacing between the pole and the pedestrian signal in most locations should reduce the vulnerability to damage by curb-hugging trucks and should be esthetically more pleasing to the eye.

### **30-DEGREE ADJUSTMENT**

The bolt hole shall be elongated from side to side and the recessed shoulder shall be curved to allow rotation of the installed assembly 15 degrees in either direction from center for a total of 30 degrees (when installed on a 4"/102 mm pole).

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