



April 14th, 2017

To: *Local Public Agencies*

Subject: HAPCO Aluminum Light Poles

Purpose: The purpose of this memo is to alert Local Public Agencies that information was received by FHWA concerning the use of HAPCO Aluminum Light Poles that retrofit components for the poles and the testing results. Please be advised that HAPCO disclosed discrepancies between the manufactured device and the device that was crash tested, as described in the August 20, 2007 FHWA eligibility letter LS-64.

Background: The discrepancies are primarily associated with the type of hex nuts and washers used with the device. According to the eligibility letter, the manufacturer is expected to certify to potential users that the hardware furnished to the buyer has the same chemistry, mechanical properties, and geometry as that submitted for review by FHWA, and that it will meet the test evaluation criteria of the NCHRP 350. As a result of the disclosure made by HAPCO, FHWA's office of Safety Technologies requested HAPCO to provide a plan of action to address the discrepancy between the device that was successfully tested and newer devices.

HAPCO retested the lighting pole using new retrofit components and sent a summary of the test results from independent, accredited laboratory to FHWA. FHWA and HAPCO agreed to directly notify users of any modifications to the device and the relevant crash test results certifying the modifications meet NCHRP 350 criteria.

Action: LPAs and HAPCO customers are responsible for the operation and maintenance of their Roadway. HAPCO customers are responsible for deciding whether or not to accept the modified device using the retrofit component HAPCO developed and tested while others may request full replacement and /or other negotiated scenarios. Those discussions and decisions are solely between HAPCO and their Customers.

As noted in the attached correspondence, any questions may be directed to Mr. William Longstreet at (202) 366-0087 or Mr. Scott Johnson at (202) 366-2201.

Sincerely,

Maysa Hanna, P.E.
State Traffic Engineer

Attachment (1)