

# STREET COMMITTEE

## STREET SWEEPER POLICY UPDATE

Item # 6

June 10, 2014

# Purpose of the FHWA Funding

- **U.S. DOT Congestion Mitigation and Air Quality Improvement (CMAQ) Program Purpose** - To fund transportation projects and programs that will contribute to attainment or maintenance of the National Ambient Air Quality Standards for ozone, carbon monoxide and particulate matter (PM-10, PM-2.5).



# PM-10 Certified Street Sweepers

## MAG Quantitative Measures

- Emission reductions or increases (in kilograms per day)
- Cost-effectiveness (in dollars per metric ton of emissions reduced annually)
- *Information is collected at time of application that includes sweeping plan and cost estimate.*

# REQUEST TO MODIFY POLICY

- **Current:** PM-10 certified street sweepers are eligible for purchase with CMAQ funds if they replace an existing unit that has not been certified by South Coast Rule 1186, replace a Rule 1186 certified unit that **is at least eight years old**, increase the frequency of sweeping, expand the area that is swept, or a combination of these functions.
- (Page 40 of Methodologies for Evaluating Congestion Mitigation and Air Quality Improvement Projects, September 30, 2011. Recommended by MAG AQTAC, December 2010)



# Proposals Reviewed

- 1. Hours/Miles:** Consider modifying current criteria to include hours and or miles.
- 2. Downtime Percentage:** Consider excessive maintenance and downtime.
  - Maintenance records kept and reviewed
- 3. Lemon Policy:** is the responsibility of the manufacturer and warranty on product.
  - Reviewed ARS and lemon policy is vague and also would require documentation.

# Hours/Miles Addition to Policy

## 75th Percentile Total Miles and Total Hours

Data From:

- 2013 Funded Street Sweeper Replacements
- Sierra Auction Retired Street Sweeper List

	75th Percentile Total Miles of Service (8 Years)	75th Percentile Total Miles of Service (8 Years)
Rounded Average	96,000 miles	12,000 hours

# POLICY For Consideration

- **Proposed:**

PM-10 certified street sweepers are eligible for purchase with CMAQ funds if they replace an existing unit that has not been certified by South Coast Rule 1186, replace an older Rule 1186 certified unit, increase the frequency of sweeping, expand the area that is swept, or a combination of these functions.

For replacement of an older Rule 1186 certified unit, the unit must be at least eight years old or have recorded 12,000 hours or 96,000 miles of operation.

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