PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2016

General Instructions:
This form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. An estimated $1,081,440 in FY 2016 CMAQ funding is available regionwide.

This application form includes: Part A - Contact Information, Part B - Cost and Funding Information, Part C - Methodology, Part D - Supplemental Information, Part E - Signature, and Part F - Checklist (These 6 parts are in one tab). Separate tabs are provided for Attachment 1 - list of eligible street sweepers for CMAQ reimbursement, Attachment 2 - list of example equipment not eligible for CMAQ reimbursement, and Map - a map of the PM nonattainment areas and monitor locations. Alternative application forms are available upon request.

TRANSMITTAL INSTRUCTIONS and SCHEDULE

Application Submittal Requirements
All applications are due on Monday, September 21, 2015 by 10:00 a.m. Both an electronic and printed copy of the application and all attachments are required.

The electronic copy of the application includes the following:

a. A completed Excel spreadsheet application in MS Excel format (Please do not send a PDF or Fax instead of the spreadsheet)
b. A PDF or FAXed copy of the Excel spreadsheet with the signature block in Part E signed and dated
c. A PDF or FAXed copy of all required attachments

The printed copy of the application includes the following:

a. A printout of the completed Excel spreadsheet application, with the signature block in Part E signed and dated
b. Printed copies of all required attachments

MAG Mailing address
Electronic applications should be sent to the following address: magto: MAG Staff

Printed copies should be addressed as follows:

Maricopa Association of Governments
ATTN: Teri Kennedy,
302 N. 1st Avenue, Suite #300,
Phoenix, AZ 85003.

If a complete, signed electronic copy is received by the submittal deadline, applicants have five working days to submit a printed copy of the application.

Application Workshops and Open Working Group Meeting Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Room</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, August 19, 2015</td>
<td>10:00-11:30 AM</td>
<td>Saguaro</td>
<td>Workshop on MAG Transportation Programming and Federal Fund Project Applications</td>
</tr>
<tr>
<td>Monday, August 24, 2015</td>
<td>8:30-10:00 AM</td>
<td>Chaparral</td>
<td>Open Working Group - Federal Fund Project Applications</td>
</tr>
<tr>
<td>Monday, September 14, 2015</td>
<td>9:00-10:00 AM</td>
<td>Chaparral</td>
<td>Open Working Group - Federal Fund Project Applications</td>
</tr>
</tbody>
</table>

*All meetings are on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, AZ 85003

MAG Contact Information

<table>
<thead>
<tr>
<th>Contact Name</th>
<th>Phone</th>
<th>E-Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAG Offices</td>
<td>602-254-6300</td>
<td></td>
</tr>
<tr>
<td>Teri Kennedy</td>
<td>602-254-6300</td>
<td><a href="mailto:TKennedy@azmag.gov">TKennedy@azmag.gov</a></td>
</tr>
<tr>
<td>Dean Giles</td>
<td>602-254-6300</td>
<td><a href="mailto:DGiles@azmag.gov">DGiles@azmag.gov</a></td>
</tr>
<tr>
<td>Stephen Tate</td>
<td>602-452-5010</td>
<td></td>
</tr>
</tbody>
</table>
PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2016

All information in Parts A, B, C, D and E are required.

PART A - CONTACT INFORMATION

Contact Information

1. Agency Name (Please select one)  
   Apache Junction

2. Name:  
   Shane Kiesow

3. Phone:  
   480-474-8516

4. E-Mail:  
   skiesow@aicly.net

5. Mailing Address:  
   575 East Baseline Ave
   Apache Junction, AZ 85110

PART B - FUNDING INFORMATION

8. Please attach a detailed price summary for the proposed equipment from the vendor. Additional costs for optional equipment beyond the specifications necessary for compliance with Rule 1188-certification are not eligible for reimbursement.

   Price summary attached. City is not requesting any "optional equipment" beyond what comes standard with the unit. Quote is for a Global M4HSD (a.k.a. Johnston 4000) with standard specifications for a high-side dump.

<table>
<thead>
<tr>
<th>7. Funding Information</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Total Cost of Sweeper</td>
<td>$286,995</td>
</tr>
<tr>
<td>(b) Total Cost Eligible for Reimbursement (See the Attachment 1 for Rule 1188 List of Eligible Sweepers)</td>
<td>$286,995</td>
</tr>
<tr>
<td>(c) Costs not eligible for reimbursement. The Local Agency is responsible for these costs. = 7a - 7b (See Attachment 2 for list of example ineligible equipment for CMAQ reimbursement.)</td>
<td>$0</td>
</tr>
</tbody>
</table>

8. Reimbursement Information

<table>
<thead>
<tr>
<th>Amount</th>
<th>Funding Type</th>
<th>Share of Eligible Cost (See #7)</th>
</tr>
</thead>
<tbody>
<tr>
<td>$270,636</td>
<td>CMAQ</td>
<td>94.3%</td>
</tr>
<tr>
<td>$16,359</td>
<td>Local</td>
<td>5.70%</td>
</tr>
</tbody>
</table>

9. Project Funding Based on Information from #7 & #8

<table>
<thead>
<tr>
<th>Federal Share = 8a</th>
<th>Local Share = 7c + 8b</th>
<th>Total Cost of Sweeper</th>
</tr>
</thead>
<tbody>
<tr>
<td>$270,636</td>
<td>$16,359</td>
<td>$286,995</td>
</tr>
</tbody>
</table>
10. The requested PM-10 certified street sweeper will (Select Yes or No for all that apply):

(a) Replace a noncertified street sweeper  No
(b) Expand service area  No
(c) Increase sweeping frequency  No
(d) Replace an older certified street sweeper  Yes

11. For the requested sweeper, please provide the information for roadway types in the table below for:
(a) Sweeping cycle length (measured in days between sweepings)
(b) Lane miles to be swept per cycle
(c) Average weekday traffic per lane being swept
(d) If values were entered in the "Other" column, please specify what "Other" means:

<table>
<thead>
<tr>
<th>Arterial Street</th>
<th>Collector Street</th>
<th>Residential Street</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>30</td>
<td>30</td>
<td>14</td>
</tr>
<tr>
<td>12</td>
<td>22</td>
<td>98</td>
<td>44</td>
</tr>
<tr>
<td>4,191</td>
<td>1,436</td>
<td>110</td>
<td>7,148</td>
</tr>
</tbody>
</table>

Every 7 days Apache Trail - major arterial - is swept (12 lane miles) and 14 days for all other arterials (44 lane miles)

12. If "expand service area" was "yes" in question #10, please provide the following information for the roadway types in the table below:

- Previously unswept lane miles to be swept by the new sweeper
- If values were entered in the "Other" column, please specify what "Other" means:

<table>
<thead>
<tr>
<th>Arterial Street</th>
<th>Collector Street</th>
<th>Residential Street</th>
<th>Other</th>
</tr>
</thead>
</table>

13. If "increase sweeping frequency" was "yes" in question #10, please provide the following information for the roadway types in the table below:

- Previous cycle length (measured in days between sweepings)
- If values were entered in the "Other" column, please specify what "Other" means:
### PM-10 CERTIFIED STREET SWEEPER APPLICATION

**CMAQ Funding Available for Federal Fiscal Year 2016**

<table>
<thead>
<tr>
<th>14. If &quot;replace an older PM-10 certified street sweeper&quot; was &quot;yes&quot; in question #10, please provide information in the following boxes: (Note that at least one of a, b, or c must exceed useful life standards.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Number of hours in service of the sweeper that is being replaced: 4,883 Useful life standard: 12,000 hours</td>
</tr>
<tr>
<td>(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001): Exceeds Useful life standard: 8 years</td>
</tr>
<tr>
<td>(c) Number of miles (including deadhead miles) on the sweeper that is being replaced: 34,344 Useful life standard: 96,000 miles</td>
</tr>
<tr>
<td>(d) An estimate of the percent of time the older sweeper was out of service in the past year due to repairs and maintenance issues: 45%</td>
</tr>
<tr>
<td>(e) Please explain why the older sweeper was out of service: Electrical, air valve, and hydraulic hose issues.</td>
</tr>
</tbody>
</table>

15. Will the requested certified street sweeper be used to sweep streets within 4 miles of a PM-10 monitor? If yes, please specify which monitor. Link to MAG for PM-10 Map

Yes, the monitor titled "Apache Junction fire" (#17 on map).

### Part D - SUPPLEMENTAL INFORMATION:

16. Have local resources been committed for staff or equipment to support the PM-10 certified street sweeper? (Please select Yes or No)

No

If yes, please provide details (e.g., number, type and cost of employees, equipment, and maintenance).

17. Please indicate in what geographical area(s) the requested certified street sweeper will operate (e.g., Glendale Ave. to Thomas Rd.; 19th Ave. to Central Ave.).

This sweeper is used as a backup sweeper and for cleanups after rainstorms to which the city experiences extreme sedimentation on the streets due to close proximity to the mountains. Sweeper will be used for all applicable areas within the corporate limits of the City of Apache Junction (@35 square miles).

18. Provide a map of the area to be swept by the proposed sweeper.

Please attach a PDF when submitting and transmitting application. If available, please submit a GIS shape showing swept area.

19. Please indicate if your agency would be willing to provide MAG with additional information on the requested PM-10 certified street sweeper. (Please select Yes or No)

Yes
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

(a) PM-10 certified: 3
(b) Noncertified: 0

PART E - SIGNATURE PAGE

As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.

Signature: [Signature]

Bryant Powell
City Manager
9/16/2015

PART F - CHECK LIST (OPTIONAL)

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed

| Part A - Fields 1-5 are complete |              |
| Part B - Fields 6-9 are complete |              |
| Part C - Fields 10-15 are complete |           |
| Part D - Fields 16-20 are complete |            |
Customer:
City of Apache Junction
575 E. Baseline Ave
Apache Junction, AZ 85219
Attn: Brian Gleave

<table>
<thead>
<tr>
<th>Item</th>
<th>Item Description</th>
<th>Qty</th>
<th>Unit Cost</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>M4-HSD</td>
<td>Mechanical Sweeper with High Side Dump (per the attached specifications)</td>
<td>1</td>
<td>265,000.00</td>
<td>265,000.00</td>
</tr>
</tbody>
</table>

Delivery: 90 days ARO

Thank you for the opportunity to quote this item for you.

<table>
<thead>
<tr>
<th>Subtotal</th>
<th>$265,000.00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales Tax (8.3%)</td>
<td>$21,995.00</td>
</tr>
</tbody>
</table>

Total | $286,995.00 |
City of Apache Junction Mechanical Street Sweeper Specifications for Quote #9660

CITY OF APACHE JUNCTION
MECHANICAL SWEEPER WITH HIGH SIDE DUMP SPECIFICATIONS

High Visibility Cab (Glass Entry Door Included)
69 dBA In-Cab Noise Level
Dust & Weather Sealed Cab
Multi-Adjustable Suspension Seat
Tilt & Telescoping Steering Wheel
Tinted Safety Windows & Windshield
Windshield Wiper/Washer
Ergonomic Go Pedal
Coolant Temp, Oil Pressure & Voltmeter Gauges
Coolant, Eng Oil Press. & Low Hyd Oil Warning Lts.
Speedometer, Tachometer & Hour Meter
Fuel Level Gauge
130 amp Heavy-Duty Alternator
280 gal (945 L) Polyethylene Water Tank
Gutter Broom Water Spray Jets
Pickup Broom Water Spray Jets
Low Water Level Light in Cab
15’ (4.6 m) Hydrant Hose with Coupling & Wrench
Front Spray Bar
Engine Block Heater
Centaui Pre cleaner
Electrical Systems Locker
Four Wheel Disk Brakes
ABS Brake System
Cab Controlled Leaf Gate System
LED Stop/Tail Lights, Clearance Lights
LED Gutter Broom Spotlights
2015 Cummins Engine with 5 gal. DEF Tank

Sealed Beam Headlights
4.5 cu yd (3.5 cu meter) Hopper (Volumetric)
Hopper Dump Alarm
47” (1194 mm) dia. Gutter Brooms
In-Cab Gutter Broom Pressure Adjustment
Tuf-Grip Disposable Gutter Broom Segments
32” x 56.5” (813 mm x 1435 mm) Tube Pickup Broom
58” (1473 mm) Wide Squeegee Type Elevator
Two 18 gal (68 L) Hydraulic Oil Tanks
Hydraulic Manifolds in LH Fender
18.5” (5.6 m) Turning Radius
Front & Rear Suspension
All Sheet Metal Surfaces Primer Powder Coated
All Sheet Metal Surfaces Powder Coated
Standard Frame Paint Color Gray
Standard Hopper/Cab/Fenders Paint Color White
Fender Mounted Tool Box
Front & Rear Tie Downs with Tow Hooks
Left & Right Dual West Coast Mirrors
Buddy Seat
PM10 High Quality PUB (Pick Up Broom)
ERGO SWITCH STANDARD
REAR VIEW CAMERA STANDARD
11-FLIGHT Elevator System
1 Sweeper Service Manuals in English
1 Sweeper Parts Manuals in English
1 Sweeper Operator Manual in English
2 Year Elevator Sprocket Warranty

Dual Cutter Broom Tilt
Remote Heated Mirrors
LED Arrowstick (Rear Mount)
Rear Camera and LCD Monitor
PM 10 Heavy Duty Pick Up Broom
25’ Fill Hose
Rear Amber Cab Strobe with Guard
Triangle Safety Kit with Fire Extinguisher