



**Chandler • Arizona**  
*Where Values Make The Difference*

City of Chandler

2016

C.M.A.Q

Funding Application

For

Sweeper Replacement

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

The printed copy of the application includes the following:

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

**MAG Mailing address**

Electronic applications should be sent to the following address:

[mailto: MAG Staff](mailto: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\***

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

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

**MAG Contact Information**

Contact Name	Phone	E-Mail Address
MAG Offices	602-254-6300	
Teri Kennedy	602-254-6300	<a href="mailto:TKennedy@azmag.gov">TKennedy@azmag.gov</a>
Dean Giles	602-254-6300	<a href="mailto:DGiles@azmag.gov">DGiles@azmag.gov</a>
Stephen Tate	602-452-5010	<a href="mailto:State@azmag.gov">State@azmag.gov</a>

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**

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

**PART A - CONTACT INFORMATION**

**Contact Information**

1. Agency Name (Please select one)	Chandler
2. Name:	Rex Hartmann
3. Phone:	480-782-3493
4. E-Mail:	<a href="mailto:rex.hartmann@chandleraz.gov">rex.hartmann@chandleraz.gov</a>
5. Mailing Address:	City of Chandler Transportation & Development
	P.O box 4008 Mail Stop 909
	Chandler Az 85244-4008

**PART B - FUNDING INFORMATION**

6. 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 1186-certification are not eligible for reimbursement.	Please attach the detailed price summary when submitting and transmitting application.		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	\$242,576		
(b) Total Cost Eligible for Reimbursement ( See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	\$242,576		
(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 )	\$0		
8. Reimbursement Information	<b>Amount</b>	<b>Funding Type</b>	<b>Share of Eligible Cost (See #7)</b>
(a) Federal Share of Total Cost Eligible for Reimbursement (Cannot be more than 94.3% of Total Eligible Cost for Reimbursement as listed in 7b) = 7b * 94.3%	\$228,749	CMAQ	94.3%
(b) Local Share of Total Cost Eligible for Reimbursement (Cannot be less than 5.7% of Total Cost Eligible for Reimbursement as listed in #7b) = 7b * 5.7%	\$13,827	Local	5.70%
9. Project Funding Based on Information from #7 & #8	<b>Federal Share = 8a</b>	<b>Local Share = 7c + 8b</b>	<b>Total Cost of Sweeper</b>
	\$228,749	\$13,827	\$242,576

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
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**PART C: METHODOLOGY INFORMATION**

Information in Part C is used to calculate a CMAQ cost effectiveness score for the requested street sweeper.

10. The requested PM-10 certified street sweeper will (Select Yes or No for all that apply):

- (a) Replace a noncertified street sweeper
- (b) Expand service area
- (c) Increase sweeping frequency
- (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:

	Arterial Street	Collector Street	Residential Street	Other
(a) Sweeping cycle length (measured in days between sweepings)	14			
(b) Lane miles to be swept per cycle	39			
(c) Average weekday traffic per lane being swept	5,757			
(d) If values were entered in the "Other" column, please specify what "Other" means:				

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

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

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

	Arterial Street	Collector Street	Residential Street	Other
- 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**  
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14. If "replace an older PM-10 certified street sweeper" was "yes" 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.)

(a) Number of hours in service of the sweeper that is being replaced	9331	Useful life standard: 12,000 hours
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Mar-06	Exceeds Useful life standard: 8 years
(c) Number of miles (including deadhead miles) on the sweeper that is being replaced	62,135	Useful life standard: 96,000 miles
(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	30%	
(e) Please explain why the older sweeper was out of service.	Numerous electrical problems with the cab & chassis componets and sweepeing componets , Metal fatigue, Dust control system, Hydraulics.	

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](#)

Monitor # 13

**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)

Yes

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

Chandler provides for the maintenance and fuel & operator for the life of the equipment. Chandler sweeper inventory consist of ten certified units and ten operators with an operating budget of 1.345 million dollars.

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).

Almaschool to Germann, germann to Gilbert, Gilbert N along city boundry to elliot, elliot to Almaschool. Also throught the city.

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

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
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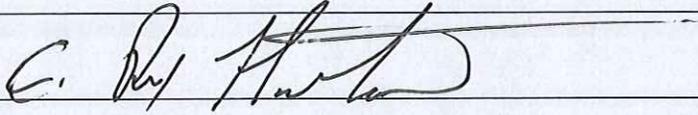
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

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

**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:

Name: Rex Hartmann 

Title: Superintendant

Date: 9/10/15

**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	Yes	
Part B - Fields 6-9 are complete	Yes	
Part C - Fields 10-15 are complete	Yes	
Part D - Fields 16-20 are complete	Yes	



4010 South 22nd St • Phoenix, AZ 85040 • Phone: (602) 232-0600 (800) 428-3020 • Fax: (602) 232-0620

TO: City of Chandler

QUOTE ID NUMBER:

DATE: 09/10/15

SALESPERSON: Rick Herdt

PHONE: 602-232-0600

EMAIL: rherdt@he-equipment.com

**DESCRIPTION**

**Sweeper Options**

TYMCO Model 600
Cat 290 Water Pump
Gutter Broom Tilt Adjuster - Left & Right
Hydraulic Level/Temp Shutdown System
Abrasion Protection Package
Auxiliary Hydraulic System
Low Emission Package
Reverse Pick-Up Head System
Dump Switch in Cab
John Deere FT4 Auxiliary Engine
High Capacity Dust Separator

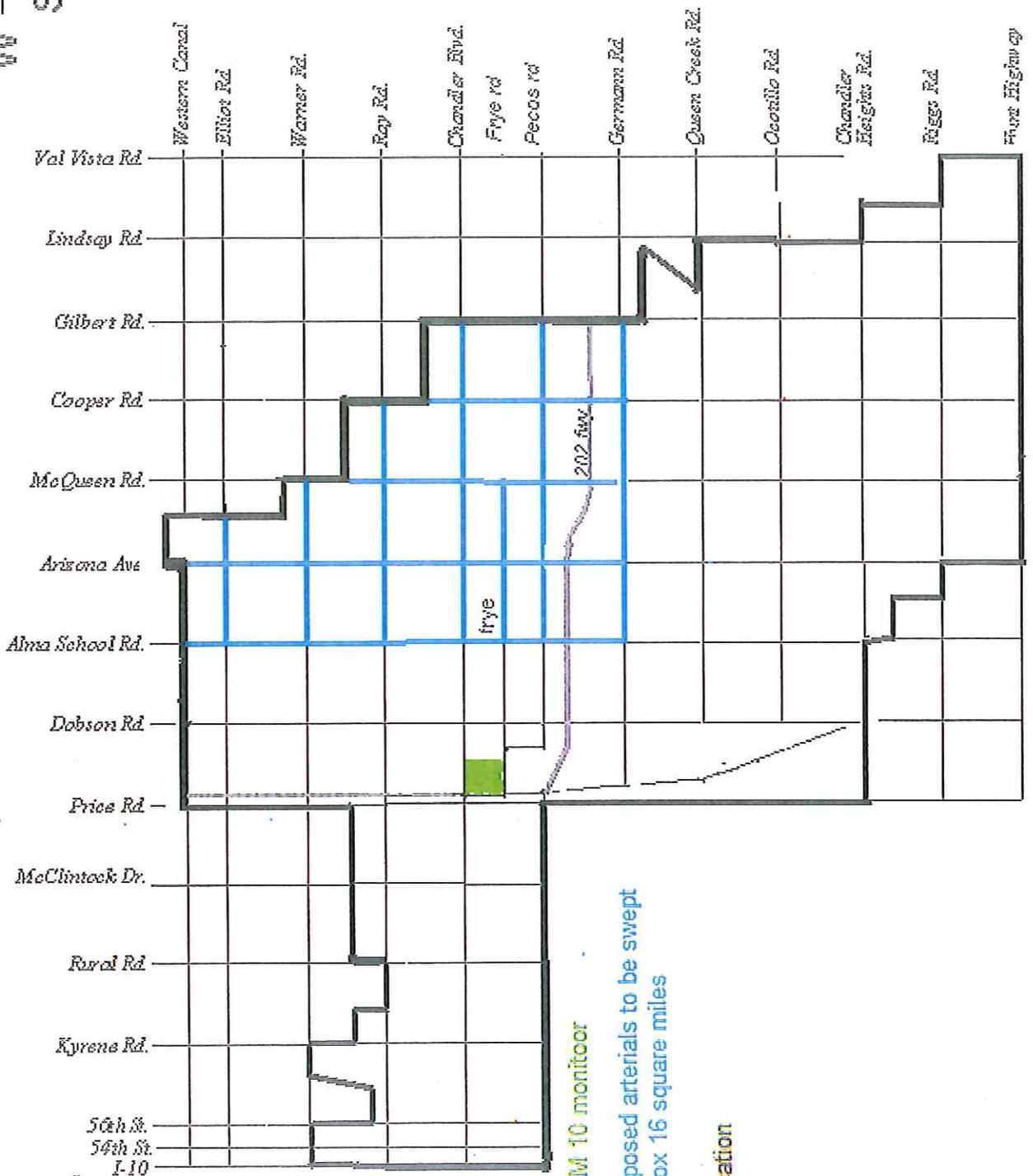
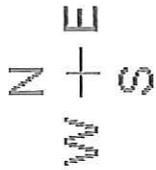
**Truck Options**

2016 Freightliner M2-106 with left handed exhaust
Tow Hooks
Truck Manuals - Parts/Service
Air Horn
Amber Strobe Light - LED - Cab Mounted
Floodlights - Front Bumper (2)
Arrow Board - National Signal Safety #2163001 LED
Factory Training - 3 people
Extended Warranty - John Deere FT4 - 5 years/5000 hours
Extended Warranty - Truck Engine - 5 years/3600 hours/100K miles
Extended Warranty - Allison 5 years
Extended Warranty - Sweeper - 2 years total

**SELL PRICE: Subject to Applicable Taxes**

**\$223,985.00**

	<b>WARRANTY: see above</b>	
	<b>F.O.B: Delivered</b> <b>SELL PRICE: Included Sales Taxes</b>	<b>\$242,575.76</b>



Green - P.M 10 monitor

Blue - Purposed arterials to be swept  
aprox 16 square miles

2016 Application



Chandler, Arizona  
More Value Inside The Difference