

# FY 2019 PM-10 Certified Street Sweeper Application Summary

Name: SRPMIC PM-10 Certified Street Sweeper Application  
 Id: SRP-2019-SW-001  
 Agency: Salt River Pima-Maricopa Indian Community

This is a summary of the request submitted for federal Congestion Mitigation and Air Quality (CMAQ) improvement program funding, available through the Maricopa Association of Governments (MAG) for PM-10 certified street sweepers. An estimated \$1,449,729.00 in FY 2019 CMAQ funding is available region wide. All applications are due on Thursday, September 13, 2018 by 10:00 AM. Late applications are not accepted.

## Section: Funding Information

*Summary of the estimated costs of the requested sweeper*

Total Estimated Cost of Sweeper	\$238,050
Total Eligible Cost	\$234,900
Local Share of Costs	\$16,540
Federal Share of Costs	\$221,510

## Section: Sweeper Purpose

*What the requested sweeper will be used for*

Replace a Noncertified Street Sweeper	No
Expand Service Area	Yes
Increase Sweeping Frequency	No
Replace an Older Certified Street Sweeper	Yes

## Section: Roadway Types

*The types of roads the requested sweeper will sweep*

Arterial	Yes
Collector	Yes
Residential	Yes
Other	No

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## Section: Roadway Type Information

*Details about the types of roads to be swept*

Arterial Sweep Cycle Length (measured in days between sweepings)	7
Arterial Lane Miles to be Swept per Cycle	12
Arterial Average Weekday Traffic per Lane Being Swept	1,819
Collector Sweep Cycle Length (measured in days between sweepings)	14
Collector Lane Miles to be Swept per Cycle	121
Collector Average Weekday Traffic per Lane Being Swept	3,495
Residential Sweep Cycle Length (measured in days between sweepings)	30
Residential Lane Miles to be Swept per Cycle	19
Residential Average Weekday Traffic per Lane Being Swept	151

## Section: Expand Service Areas

*The previously unswept lane miles to be swept by the new sweeper*

Expand Arterial Lane Miles	20
Expand Residential Lane Miles	15

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## Section: Replace a PM-10 Certified Street Sweeper

*Additional information about the sweeper being replaced*

Number of hours in service on the sweeper that is being replaced	3,597
The month and year that the older certified sweeper was put into service	April 2010
Number of miles (including deadhead miles) on the sweeper that is being replaced	37,352
Percent of time older sweeper was out of service	45%
Additional information about out of service percentage	We have had several mechanical issues with the 2009 Tymco 600 ranging from the pick-up head/gutter brooms, right hand drive, auxiliary motor, electrical and various rust within the hopper body. We sent two operators and a Fleet mechanic to the Tymco service school two years ago, some of the issues have been resolved. However the machine still breaks down frequently.

## Section: Proximity to PM-10 Monitor

*Information about the sweeping route's proximity to a PM-10 monitor*

Will the requested certified sweeper be used within 4 miles of a PM-10 monitor?	Yes
Names of PM-10 monitors within 4 miles of sweeping route	Lehi, High School, Senior Center

## Section: Local Resource Allocation

*The resources prepared to make use of the street sweeper*

Have local resources been committed to support the operation of the sweeper?	Yes
Details about local resources	The SRPMIC, PWD, Roads Section has five employees that hold a class A or B CDL who would be responsible for operating the PM-10 certified street sweeper at any given time. All five staff members are hourly employees and average \$25.00 per hour. The Department of Transportation, Fleet division has a certified mechanic that has attended the TYMCO service school. Future plans include more training through TYMCO sales representative and service school for both operators and mechanics.

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## Section: Geographical Area

*Information about the geographical area that the sweeper will operate in*

Geographical area that the requested street sweeper will operate	Within the boundaries of the Salt River Pima-Maricopa Indian Community (Shea Blvd. to McKellips Rd. and Pima Rd. to the Verde River). See attached map.
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## Section: Additional Information

*Additional information about the sweeper not covered in other sections*

Is the agency willing to provide MAG with additional information?	Yes
Number of Certified Sweepers Operated by Agency	1

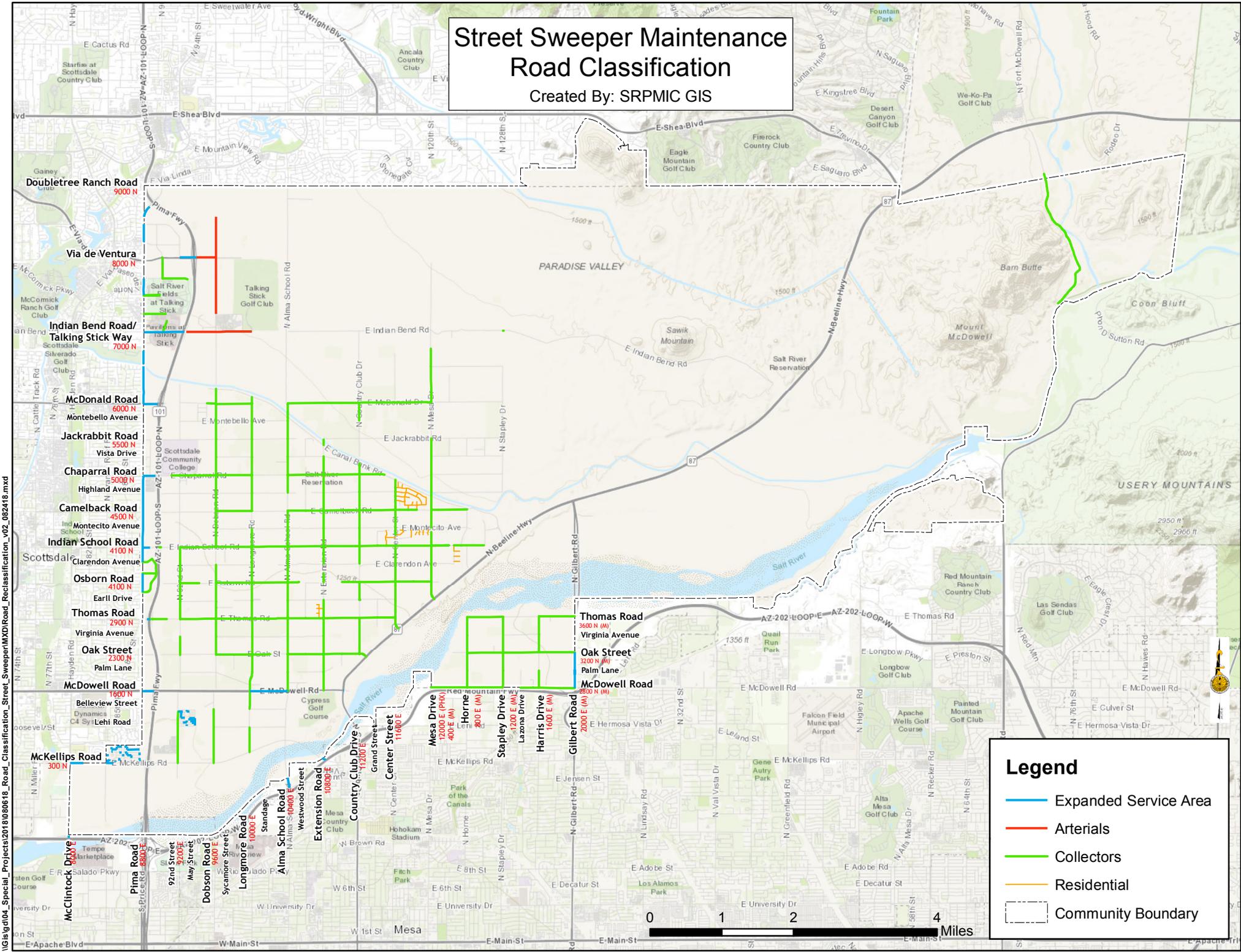
This application was signed by Jennifer Jack on 9/13/2018

10005 E. Osborn Rd.  
Scottsdale, AZ 85256  
(480) 362-7400



# Street Sweeper Maintenance Road Classification

Created By: SRPMIC GIS



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**Legend**

- Expanded Service Area
- Arterials
- Collectors
- Residential
- Community Boundary

0 1 2 4 Miles