

**PM-10 CERTIFIED STREET SWEEPER APPLICATION**  
**CMAQ Funding Available for Federal Fiscal Year 2018**

**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 **\$1,755,209 in FY 2018 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 25, 2017 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
Monday, August 21, 2017	10:00 - Noon	Saguaro	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Tuesday, September 12, 2017	10:00-11:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications
Tuesday, September 19, 2017	11:00 - Noon	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>

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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)	Pinal County
2. Name:	Maria Rojas
3. Phone:	520 866-6486
4. E-Mail:	maria.rojas@pinalcountyyaz.gov
5. Mailing Address:	Pinal County Pblc Works Dept.
	PO Box 727
	Florence, Az 85132

**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.	A detailed price summary is attached with this application.		
7. Funding Information	<b>Amount</b>		
(a) Total Cost of Sweeper	\$282,241		
(b) Total Cost Eligible for Reimbursement ( See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	\$275,411		
(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 )	\$6,830		
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%	\$259,713	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%	\$15,698	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>
	\$259,713	\$22,528	\$282,241

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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

No
Yes
No
No

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)	30	30	30	
(b) Lane miles to be swept per cycle	47	66	401	
(c) Average weekday traffic per lane being swept	5000	2500	400	
(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:

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

	Arterial Street	Collector Street	Residential Street	Other
	19	37	225	
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:

- Previous cycle length (measured in days between sweepings):

If values were entered in the "Other" column, please specify what "Other" means:

	Arterial Street	Collector Street	Residential Street	Other
If values were entered in the "Other" column, please specify what "Other" means:				

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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  
 (b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)

Useful life standard: 12,000 hours

Optional: Space for additional comments if needed.

(c) Number of miles (including deadhead miles) on the sweeper that is being replaced  
 (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

Useful life standard: 8 years

Optional: Space for additional comments if needed.

(e) Please explain why the older sweeper was out of service.

Useful life standard: 96,000 miles

Optional: Space for additional comments if needed.

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, Moitor # 15

**Part D - SUPPLEMENTAL INFORMATION:**

16. Have local resources been committed such as staff or equipment to support the operation of 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).

1 Ea Certified Operator paid @ \$25.00 per hour

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).

San Tan Area - See attached Map

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

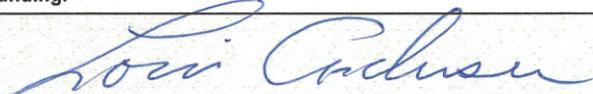
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20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

(a) PM-10 certified:	5
(b) Noncertified:	2

**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: LOUIS ANDERSEN

Title: Pinal County  
Public Works Director

Date: 9/19/17

**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	



## Presents a Proposal Summary

of the



### Broom Bear

Broom Bear Single Engine Street Sweeper with Dual Side Brooms

for

Pinal County

PO Box 1348

Florence, AZ 85132



## **PRODUCT DESCRIPTION**

· Conveyor squeegee, variable height, right side dumping, 4.5 cubic yard hopper, with dual, hydraulically driven, trailing arm side brooms, sweeper is powder coated from powder coatings chart 2003/N with powder coated gray undercarriage.

## **STANDARD FEATURES**

- Broom side, 46" steel vertical digger 4 or 5 segment
- Broom side, air floating suspension with adjustable reach, air deploy
- Broom, main, 34" diameter, 60" wide prefab disposable
- Broom Measurement Ruler
- Camera, Rear with in-cab monitor
- Conveyor chain, hardened with polyurethane sprockets
- Conveyor, 11 flight squeegee with rubber edging
- Conveyor, lift independent from main broom
- Conveyor, three piece replaceable wear plates
- Conveyor flush out system
- Conveyor raise in reverse
- Conveyor stall alarm
- Dirt shoes, heavy duty single row carbide steel (rubber isolated)
- Electric backup alarm
- Hopper inspection door
- Hopper, 4.5 cu yd with window and skylight
- Hopper up indicator and beep
- Hopper, variable high dump; 9' 6", 4.5 yard
- Hose, hydrant fill, 16' 8" with coupling
- Hydraulic oil level gauge w/ external thermometer and in-cab level light
- Hydraulic system, load sensing with selectable transmission driven PTO pump
- Lights, automatic backup
- Lights, combination tail/stop, separate amber signal
- Lights, flood light, one per broom (3)
- Manuals, operator and parts
- Rear broom cover and anti-carryover wrap
- Rear broom spray bar
- Rear right hand flood light
- Reflectors, set of 6
- Sidebroom speed control, external to cab
- Sweep resume/raise in reverse
- Tactile controls for all sweep functions
- Tool storage
- Water fill, anti-siphon
- Water level indicator in-cab
- Water Pump, electric diaphragm
- Water tank, molded polyethylene, 360 gallon total nominal capacity
- 1 Year Parts and Labor Warranty
- Sweeper Painted Standard White
- Chassis Painted Standard White
- Red Logo

Bill Bergman  
Tel: 6023013866



### **ADDITIONAL FEATURES**

- 2018 M2 Dual Steer
- AM/FM/CD Radio
- Left Hand Fender Mounted Mirror
- PM-10 Complaint
- PM10 Compliant Oil Tempered Steel Bristles
- Carbide Double Row Rubber Mounted Dirt Shoes
- Hydraulic Oil Temperature Display
- Midwest Autolube Sweeper Only
- (3) LED Work Lights
- Package A : LED Stop/Tail/Turn Lights
- Package C : (2) Rear Low Mounted Oval Amber LED Flashers
- Package D : (2) Rear High Mounted Oval Amber LED Flashers
- Arrowboard
- (3) LED Work Lights
- Slow Moving Vehicle Sign

**List Summary**

Order Qty	Part Number	Description
1	4M-BROOM-BEAR-H	
1	4MH,4.5YD,ELEV,PNEU SB	
1	O-PM10 DUST SUPPR,4MH	
1	2018 FL M2 CHAS WB=136	
1	CHASSIS ALTRNS-FL M2,4MH	
1	A-16'8"HOSE-EFGJLPSY	
1	O+WIDE FRT SPR BR FL/NAV	
1	WHT FREIGHTLINER	
1	WHT FREIGHTLINER	
1	A-RED LOGO/SWOOSH BROOM BEAR	
1	BROOM MEASUREMENT RULER	
1	A-4WM REAR ARROW BOARD	
1	A-ALUBE, 4M SWPR ONLY	
1	FRT-AZ,UT	
1	MECH PRODUCTS MACH DELIVRY PKT	
1	A-SLOW MOVING VEHICLE	
1	O-LED STOP/TURN LIGHTS	
1	A-2 REAR OVAL AMBER LED FLSHRS	
1	A-2 RR UPR OVL AMB LED FL	
1	O-MB HYDR SPNSN, 4MH DSL	
1	O-(3) LED WORK LIGHTS	
1	A-HYDR OIL TEMP DISPAY	
1	4M BROOM BEAR OPER MANUAL	
1	4M BROOM BEAR PARTS BOOK	
1	O-CARB DSHOE, 2 ROW	
1	O-LH SB TILT W/INDICATOR,4M	
1	O-RH SB TILT W/INDICATOR,4M	
1	ELGIN SAFETY MANUAL	

**Price:** \$256,891.00

State and Local sales tax \$22,093.00

**Special Customer Price:** \$282,241.00

Price valid thru 6/28/2018

PROPOSAL DATE: for 2018-2019 budget year

BUDGET # NUMBER: 2017-21957

PO NUMBER:

QTY: \_\_\_\_\_ Customer Initials: \_\_\_\_\_

PAYMENT TERMS:

PROPOSAL NOTES:

1. Multiple unit orders will be identical to signed proposal. Changes or deviations to any unit of a multiple unit order will requires a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Elgin Sweeper Company prior to submittal of customer purchase order
3. All prices quoted are in US Dollars unless otherwise noted.

SIGNED BY:

\_\_\_\_\_ Date: \_\_\_\_\_

## LIMITED WARRANTY

ELGIN SWEEPER COMPANY warrants each new machine manufactured by it against defects in material and workmanship provided the machine is used in a normal and reasonable manner. This warranty is extended only to the original user-purchaser for a period of twelve (12) months from the date of delivery to the original user-purchaser.

ELGIN SWEEPER COMPANY will cause to be repaired or replaced, as the Company, may elect, any part or part of such machine which the Company's examination discloses to be defective in material or workmanship.

Repairs or replacements are to be made at the selling Elgin distributor's location or at other locations approved by ELGIN SWEEPER COMPANY.

The ELGIN SWEEPER COMPANY warranty shall not apply to:

1. Major components or trade accessories such as but not limited to, trucks, engines, tires or batteries that have a separate warranty by the original manufacturer.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as but not limited to, broom filters, broom wire, shoe runners and rubber deflectors.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by ELGIN SWEEPER COMPANY.
5. Repairs, modifications or alterations without the consent of ELGIN SWEEPER COMPANY which, in the Company's sole judgment, have adversely affected the machine's stability or reliability.
6. Items subjected to misuse, negligence, accident or improper maintenance.

The use in the product of any part other than parts approved by ELGIN SWEEPER COMPANY may invalidate this warranty. ELGIN SWEEPER COMPANY reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty.

Nothing contained in this warranty shall make ELGIN SWEEPER COMPANY liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

TO THE EXTENT LIMITED BY LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND **FITNESS FOR A PARTICULAR PURPOSE.**

This warranty is also in lieu of all other obligations or liabilities on the part of ELGIN SWEEPER COMPANY, including but not limited to, liability for incidental and consequential damages on the part of the Company or the seller.

ELGIN SWEEPER COMPANY makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine.

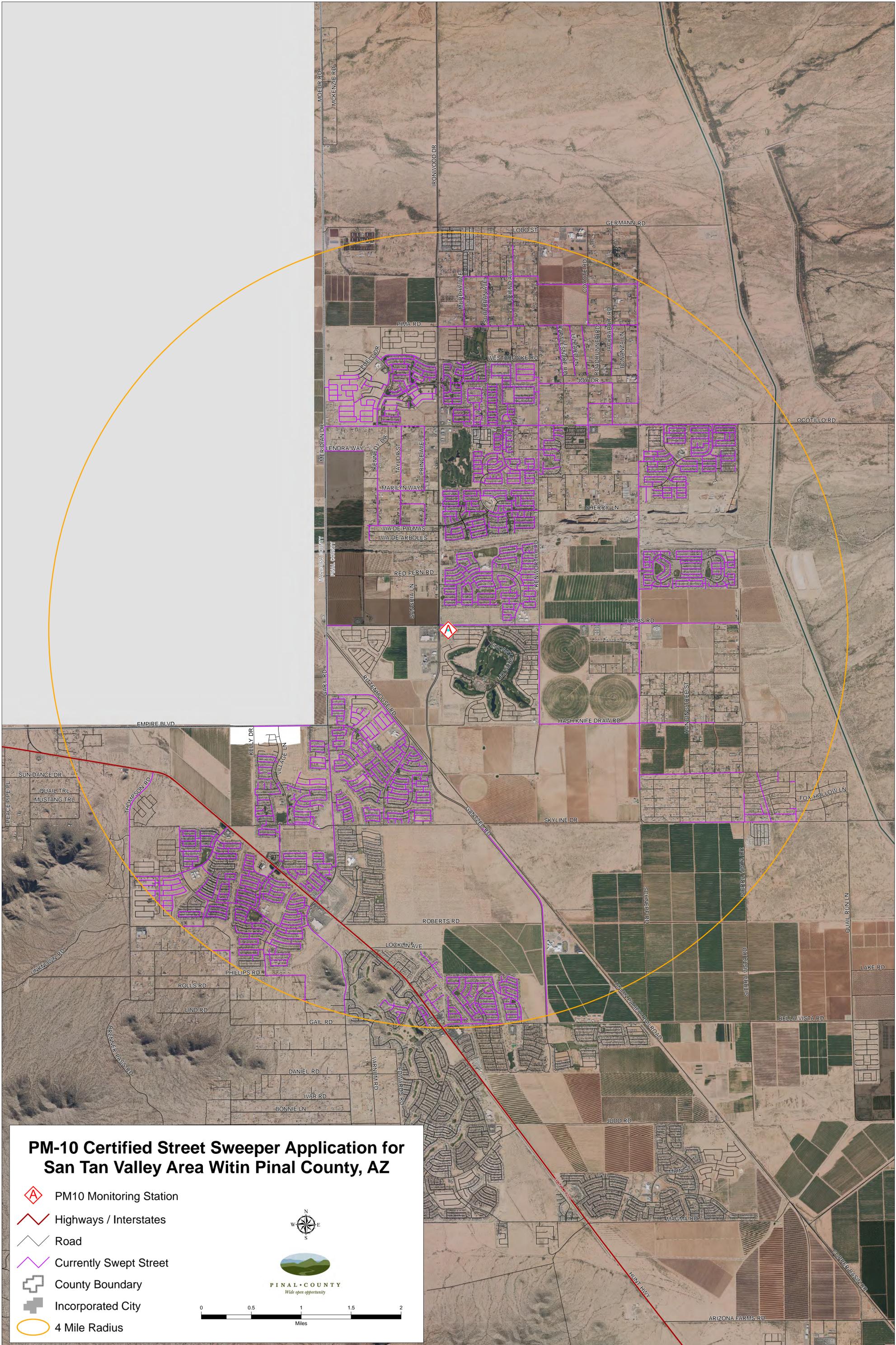
No person or affiliated company representative is authorized to give any other warranties or to assume any other liability on behalf of ELGIN SWEEPER COMPANY in connection with the sale, servicing or repair of any machine manufactured by the Company.

ELGIN SWEEPER COMPANY reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.



Map ID	Site ID	Name	Address	City	County	Agency
1	40134011	Buckeye	26449 W. 100th Drive	Buckeye	Maricopa	Maricopa County AQD
2	40134010	Dysart	16825 N. Dysart Road	Surprise	Maricopa	Maricopa County AQD
3	40132001	Glendale	6001 W. Olive Avenue	Glendale	Maricopa	Maricopa County AQD
4	40134009	West 43rd Avenue	3940 W. Broadway Road	Phoenix	Maricopa	Maricopa County AQD
5	40130019	West Phoenix	3847 W. Earll Drive	Phoenix	Maricopa	Maricopa County AQD
6	40139812	Durango Complex	2702 RC Ester Brook Boulevard	Phoenix	Maricopa	Maricopa County AQD
7	40139997	JLG Supersite	4530 N. 17th Avenue	Phoenix	Maricopa	ADEQ
8	40134003	South Phoenix	33 W. Tamarisk Avenue	Phoenix	Maricopa	Maricopa County AQD
9	40131004	North Phoenix	601 E. Butler Drive	Phoenix	Maricopa	Maricopa County AQD
10	40133002	Central Phoenix	1645 E. Roosevelt Street	Phoenix	Maricopa	Maricopa County AQD
11	40133003	South Scottsdale	2857 N Miller Road	Scottsdale	Maricopa	Maricopa County AQD
12	40134004	West Chandler	275 S. Ellis Street	Chandler	Maricopa	Maricopa County AQD
13	40131003	Mesa	310 S. Brooks Circle	Mesa	Maricopa	Maricopa County AQD
14	40134006	Higley	3391 E Vest Avenue	Gilbert	Maricopa	Maricopa County AQD
15	40213009	Combs School	301 E. Combs Road	Queen Creek	Pinal	Pinal County AQCD
16	40213002	Apache Junction Fire Station	3955 E. Superstition Boulevard	Apache Junction	Pinal	Pinal County AQCD
17	40134016	Zuni Hills	10851 W Williams Road	Sun City	Maricopa	Maricopa County AQD
18	40134005	Tempe	1515 S College Avenue	Tempe	Maricopa	Maricopa County AQD
19	40210001	Casa Grande Downtown	401 N. Marshall Street	Casa Grande	Pinal	Pinal County AQCD
20	40213004	Coolidge Maintenance Yard	212 E. Broadway	Coolidge	Pinal	Pinal County AQCD
21	402113015	Hidden Valley	43750 W. Carefree Place	Maricopa	Pinal	Pinal County AQCD
22	402113014	Eloy County Complex	801 N. Main Street	Eloy	Pinal	Pinal County AQCD
23	402113010	(City of) Maricopa County Complex	19955 N. Wilson Avenue	Maricopa	Pinal	Pinal County AQCD
24	402113007	Pinal Air Park	Water Well #2, Pinal Air Park Road	Marana	Pinal	Pinal County AQCD
25	402113011	Pinal County Housing Complex	970 N. Eleven Mile Corner Road	Casa Grande	Pinal	Pinal County AQCD
26	40213008	Stanfield County Complex	36697 W. Papago Drive	Stanfield	Pinal	Pinal County AQCD
27	40217004	Casa Blanca	3455 W. Casa Blanca Road	Bapchule	Pinal	Gila River Indian Community
28	40217001	Sacaton	45 S. Church Street	Sacaton	Pinal	Gila River Indian Community
29	40137003	St Johns	4208 W. Pecos Road	Laveen	Maricopa	Gila River Indian Community
30	40217030	Ak Chin	47685 W. Eco-Museum Road	Maricopa	Pinal	Ak Chin Indian Community
31	40137022	Lehi	3250 N. Stapley Drive	Mesa	Maricopa	Salt River Pima-Maricopa Indian Community
32	40137024	High School	4827 N. Country Club Drive	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
33	40137020	Senior Center	10844 E. Osborn Road	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
34	40135100	Fort McDowell	18791 Yuma Frank Road	Fort McDowell	Maricopa	Fort McDowell Indian Community

<b>ATTACHMENT 2</b>	
<b>EXAMPLES OF ADDITIONAL STREET SWEEPER EQUIPMENT NOT ELIGIBLE FOR REIMBURSEMENT (Revised May 19, 2017)</b>	
1.	Automatic lubrication system (Autolube, grease jockey system)
2.	Hopper access step
3.	Hydrant hopper wash down system
4.	Conveyer flush kit with hydrant
5.	1000 pounds per square inch (PSI) wand
6.	Dual HiBack air-suspended seats
7.	Hand hose
8.	Hopper sound suppression
9.	Right hand steer chassis upcharge
10.	Air horn (reimbursable when conventional electric horn is not included)
11.	AM/FM radio; CD
12.	Training
13.	Magnet bar
14.	Stainless steel hopper
15.	Sweeper, truck and wheel yellow paint
16.	Additional roof-mounted air conditioner
17.	Holder rear mount for five-gallon pail
18.	Cigarette lighter with 12v
19.	Foam filled tire
20.	Window tinting
21.	Move exhaust port to left side of vehicle
22.	John Deere auxiliary engine - Tier iT4



### PM-10 Certified Street Sweeper Application for San Tan Valley Area Within Pinal County, AZ

-  PM10 Monitoring Station
-  Highways / Interstates
-  Road
-  Currently Swept Street
-  County Boundary
-  Incorporated City
-  4 Mile Radius

