

Application: CHN-26-SW-002, Chandler Airport- Replacement Sweeper - Adjacent Street Network.

Funding Information

Total Estimated Cost of Sweeper	\$380,011.18
Total Eligible Costs	\$371,548.88
Ineligible Costs	\$8,462.30
Agency Cash Match	\$21,178.29
Total Agency Share of Costs	\$29,640.59
Federal Share of Costs	\$350,370.59

Sweeper Purpose

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

Roadway Types

Arterial	Yes
Collector	No
Residential	Yes
Other	No
Description of Other Lanes	

Roadway Type Information

Arterial Sweep Cycle Length (measured in days between sweepings)	30
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Roadway Type Information

Arterial Lane Miles to be Swept per Cycle	3
Arterial Average Weekday Traffic per Lane Being Swept	6,950
Collector Sweep Cycle Length (measured in days between sweepings)	
Collector Lane Miles to be Swept per Cycle	
Collector Average Weekday Traffic per Lane Being Swept	
Residential Sweep Cycle Length (measured in days between sweepings)	30
Residential Lane Miles to be Swept per Cycle	5
Residential Average Weekday Traffic per Lane Being Swept	
Other Sweep Cycle Length (measured in days between sweepings)	
Other Lane Miles to be Swept per Cycle	
Other Average Weekday Traffic per Lane Being Swept	

Expand Service Areas

Expand Arterial Lane Miles	
Expand Collector Lane Miles	
Expand Residential Lane Miles	
Expand Other Lane Miles	

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Increase Sweeping Frequency

Previous Arterial Cycle Length	
Previous Collector Cycle Length	
Previous Residential Cycle Length	
Previous Other Cycle Length	

Replace a PM-10 Certified Street Sweeper

Number of hours in service on the sweeper that is being replaced	1,415
Additional information about hours in service	
The month and year that the older certified sweeper was put into service	June 2006
Additional information about service date	
Number of miles (including deadhead miles) on the sweeper that is being replaced	7,961
Additional information about service miles	
Percent of time older sweeper was out of service	25%
Additional information about out of service percentage	Sweeper has recurrent issues with electrical and hydraulic systems. The pump system is also worn out and routine maintenance does not substantially restore capacity. Finally, the hopper has corrosion that results in leakage thereby limiting the vacuum's effectiveness.

Proximity to PM-10 Monitor

Will the requested certified sweeper be used within 4 miles of a PM-10 monitor?	Yes
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Proximity to PM-10 Monitor

Names of PM-10 monitors within 4 miles of sweeping route	West Chandler
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Local Resource Allocation

Have local resources been committed to support the operation of the sweeper?	Yes
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Details about local resources	The City of Chandler provides comprehensive maintenance, a dedicated maintenance facility, fuel, parts, and operators for the life cycle of the sweeper. The sweeper can be deployed immediately upon receipt.
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Geographical Area

Geographical area that the requested street sweeper will operate	Sweeper will be used on public streets immediately surrounding the Chandler Municipal Airport, within an area generally bounded by Germann Road, McQueen Rd, Queen Creek Rd, and Cooper Rd. See map for details.
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Additional Information

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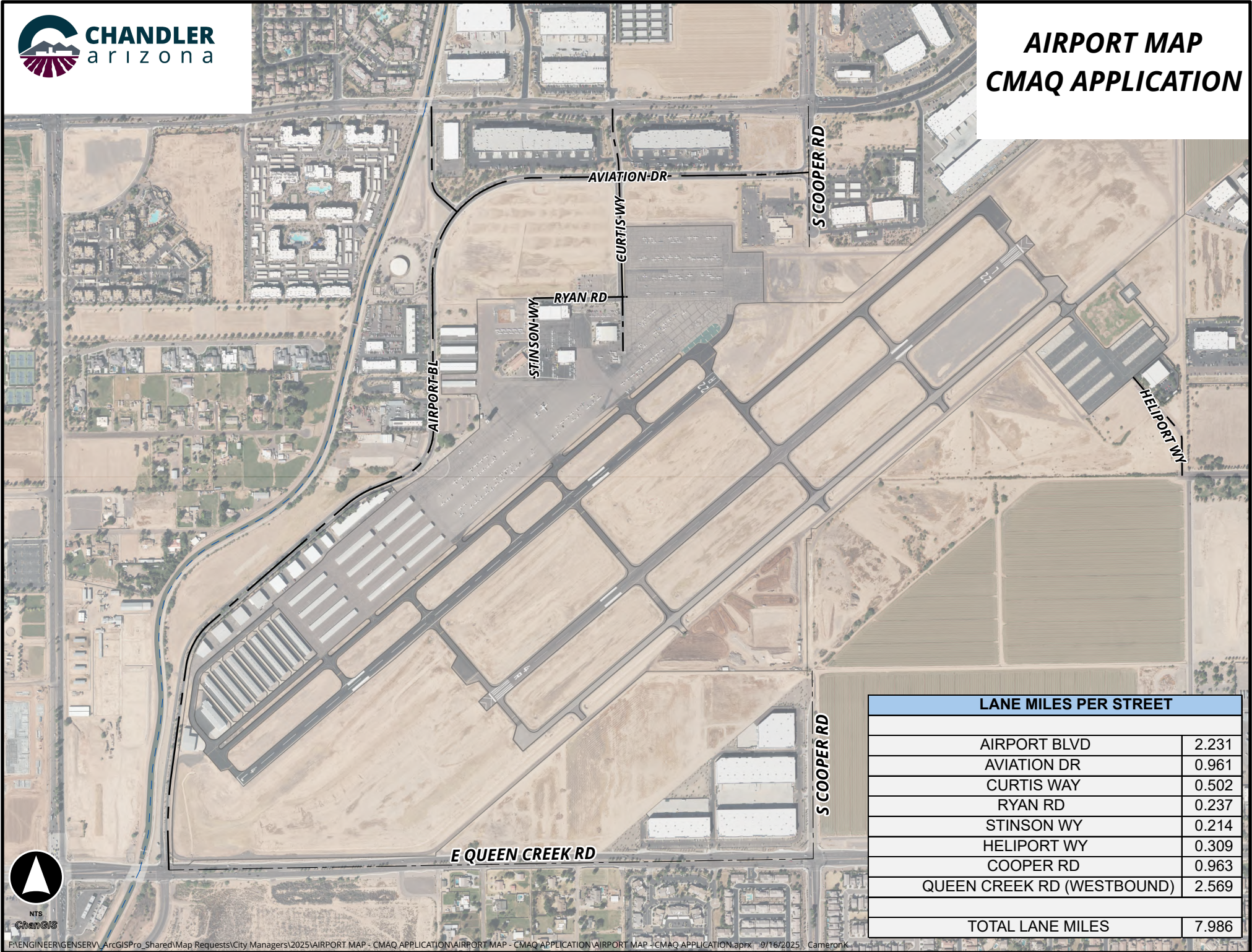
Signature

Signature	Ryan Reeves
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Signed Date	9/25/2025 8:08:42 AM
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Signed User	Ryan.Reeves@chandleraz.gov, Ryan Reeves
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AIRPORT MAP CMAQ APPLICATION



LANE MILES PER STREET	
AIRPORT BLVD	2.231
AVIATION DR	0.961
CURTIS WAY	0.502
RYAN RD	0.237
STINSON WY	0.214
HELIPORT WY	0.309
COOPER RD	0.963
QUEEN CREEK RD (WESTBOUND)	2.569
TOTAL LANE MILES	7.986

