

PM-10 CERTIFIED STREET SWEEPER APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2017

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 **\$2,600,422 in FY 2017 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 **Thursday, September 29, 2016 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:

[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 22, 2016	3:00-4:00 PM	Chaparral	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Tuesday, September 13, 2016	2:30-3:30 PM	Ironwood	Open Working Group - Federal Fund Project Applications
Tuesday, September 27, 2016	11:15-12:15 PM	Cottonwood	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	TKennedy@azmag.gov
Dean Giles	602-254-6300	DGiles@azmag.gov
Stephen Tate	602-452-5010	State@azmag.gov

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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)	Buckeye
2. Name:	Jose Heredia
3. Phone:	623-349-6810
4. E-Mail:	jheredia@buckeyeaz.gov
5. Mailing Address:	23454 W MC HWY 85
	Buckeye, Arizona 85326

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	Amount		
(a) Total Cost of Sweeper	\$223,475		
(b) Total Cost Eligible for Reimbursement (See the Attachment 1 for Rule 1186 List of Eligible Sweepers)	\$222,675		
(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)	\$800		
8. Reimbursement Information	Amount	Funding Type	Share of Eligible Cost (See #7)
(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%	\$209,983	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%	\$12,692	Local	5.70%
9. Project Funding Based on Information from #7 & #8	Federal Share = 8a	Local Share = 7c + 8b	Total Cost of Sweeper
	\$209,983	\$13,492	\$223,475

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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	No
(b) Expand service area	Yes
(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:

	Arterial Street	Collector Street	Residential Street	Other
(a) Sweeping cycle length (measured in days between sweepings)	13	13	13	
(b) Lane miles to be swept per cycle	16	12	171	
(c) Average weekday traffic per lane being swept	5,053	2314	1205	
(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:	16	12	13	
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:

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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	8,081	Useful life standard: 12,000 hours
(b) The month and year that the older certified sweeper was put into service (e.g. 4/2001)	Oct-07	Exceeds Useful life standard: 8 years
(c) Number of miles (including deadhead miles) on the sweeper that is being replaced	89250	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	27%	

(e) Please explain why the older sweeper was out of service.
 Being an older sweeper mechanical issues like elevator sprockets and bushings as well as diagnosing electrical issues were time consuming for the mechanics. Parts were ordered when in-house repairs were made and they took up to week delivery time. Sweeper was sent to dealer for repairs bigger repairs as to not tie up mechanics from other priority repairs (PD, Fire) taking up to two weeks at

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, monitor 1, located at 26449 W 100th Drive, Buckeye AZ 85326

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).

Employee already on sweeping operations staff, he will operate new sweeper

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).

The sweeper will operate City wide in Buckeye.

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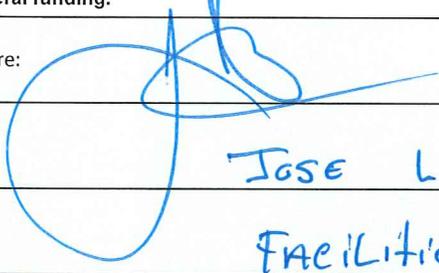
20. Please indicate the total number of sweepers currently owned and operated by your agency for sweeping streets:

(a) PM-10 certified:	4
(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:



Name:

JOSE L HEREDIA

Title:

FACILITIES / STREETS OPERATIONS MANAGER

Date:

9/26/2016

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		
Part D - Fields 16-20 are complete		

MILLER
COMMERCE
CENTER

Buena Vista
Manufactured Housing...

W Yuma Rd

W Durango St

Chevron

Miller Rd

Tractor Supply Co

N Miller Rd

N Miller

Youngker High School



MC

TERRAVIS

1 W

W B

W Madison Ave

W Jackson Ave

W Clanton Pk

W Euclid Ave

W Siesta Way

W Hazel Dr

S 263rd Ave

W Lower River Rd

S Rooks Rd

S Rooks Rd

85

Belbat Rd

W Southern Ave

of Latter-day Saints

W Southern Ave

W Lynne Ln

W Nancy Ln

W Burgess Ln

SUNSET VISTA

Bales Elementary School

FARALLON

S 258th Dr

W Maricopa Rd

W Maricopa Rd

SUNSET POINT

BLUE HILLS

Sunset Point Blvd

S Sunrise Way

W Carson Dr

S Blue Hills Dr

W Ellis Dr

Cholla

Baseline Rd

Baseline Rd

Baseline Rd

Black Label Firearms

S Rooks Rd



IRONWOOD
VISTA

Shepards Trail

Shepards Trail

Shepards Trail

Jat Rd

W Lower River Rd

MC 85

Country Home
Mobile Village

S Watson Rd

S Watson Rd

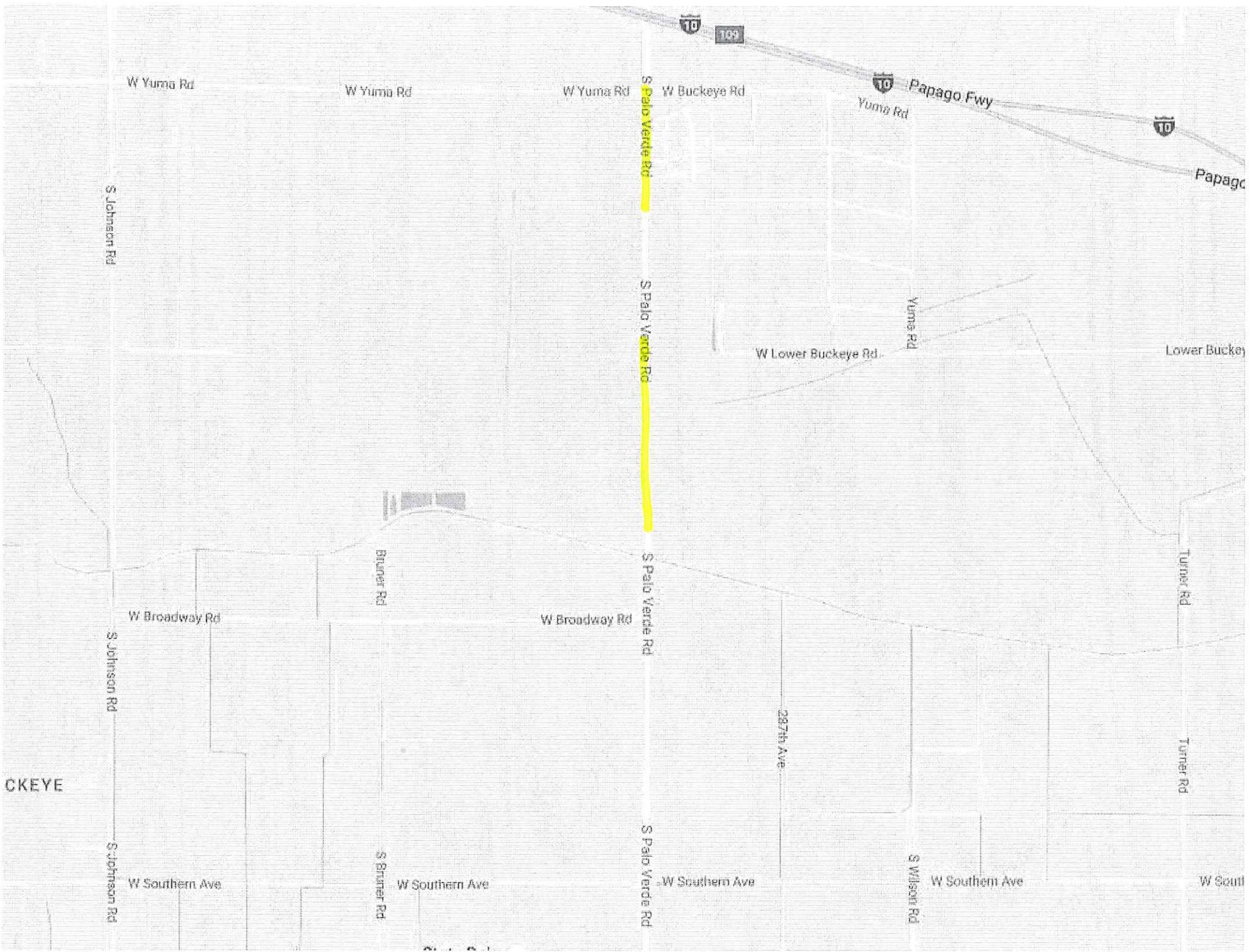
Beloit Rd

S Watson Rd

85

S 233rd Dr

Google



W Yuma Rd

W Yuma Rd

W Yuma Rd

W Buckeye Rd

Yuma Rd

Papago Fwy

Papago

S Johnson Rd

S Palo Verde Rd

S Palo Verde Rd

S Palo Verde Rd

S Palo Verde Rd

W Lower Buckeye Rd

Yuma Rd

Lower Buckeye

Brainerd Rd

W Broadway Rd

W Broadway Rd

Turner Rd

Turner Rd

CKEYE

S Johnson Rd

S Johnson Rd

W Southern Ave

S Brainerd Rd

W Southern Ave

W Southern Ave

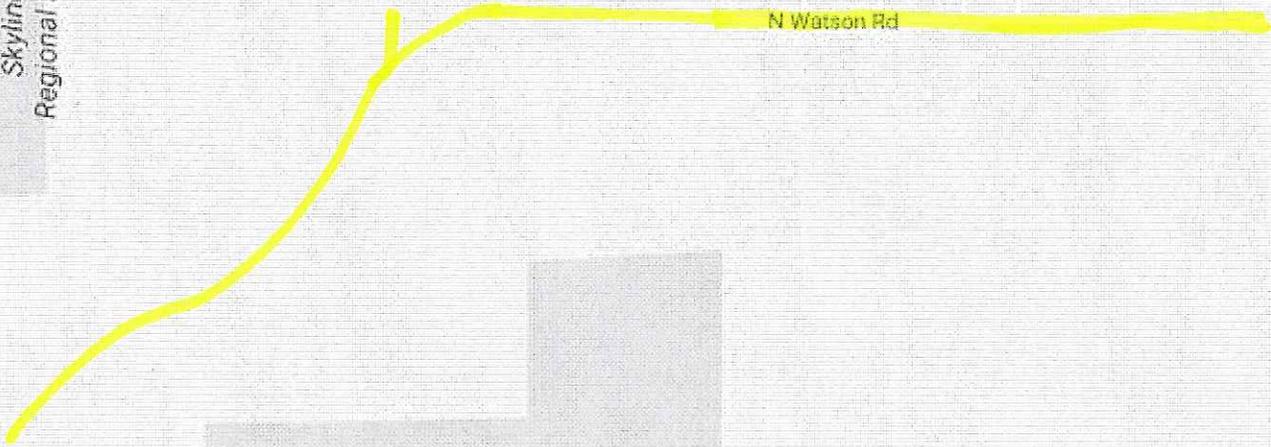
297th Ave

S Wilson Rd

W Southern Ave

W South

Skyline
Regional Park



N Rainbow Rd

W Lynwood St

N 231st Ave

W Portland St

W Roosevelt St

W McDowell Rd

N 233rd Ave

N 234th Ave

N Watson Rd

N Watson Rd

S Watson R

Papago Fwy

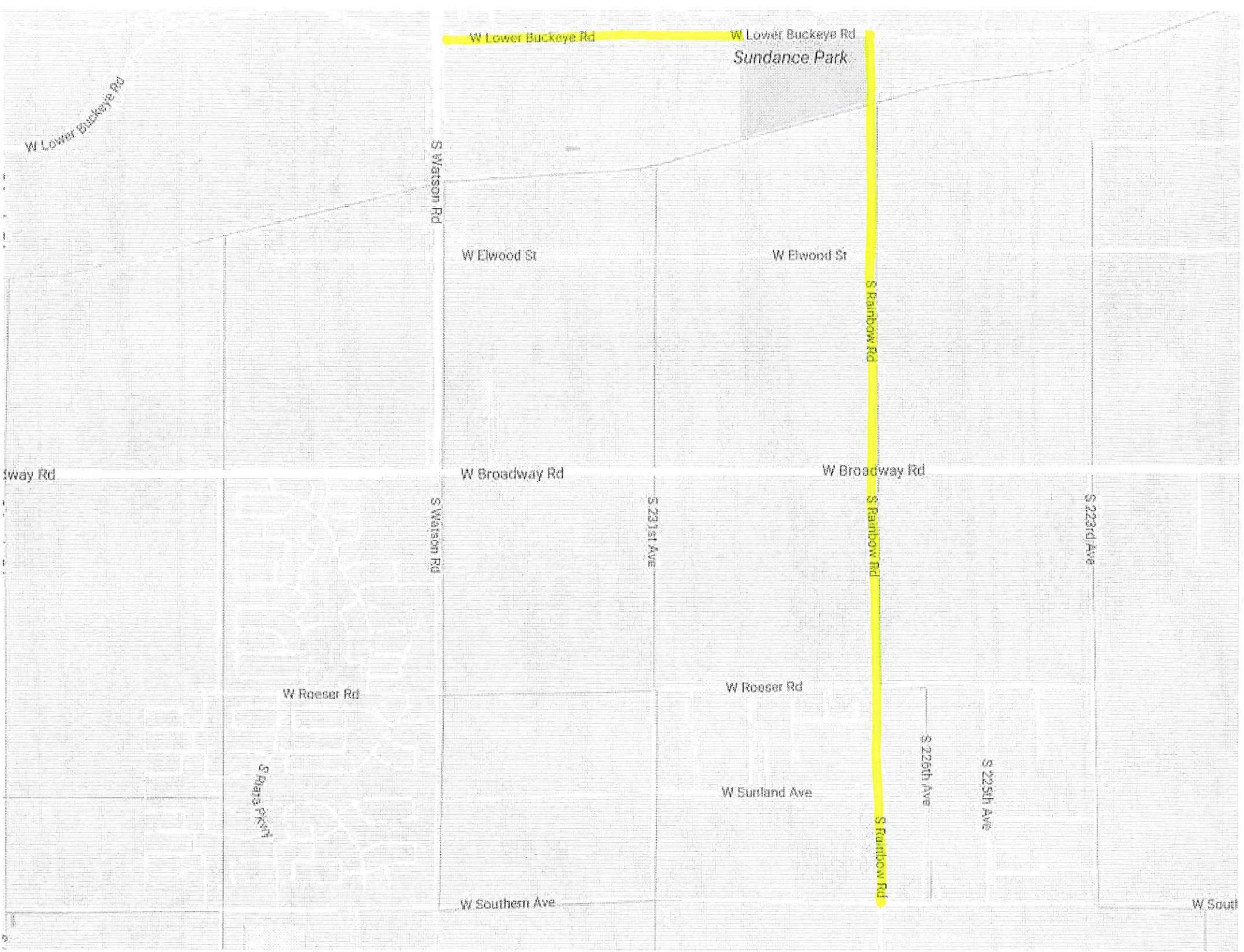
Papago Fwy

N Sundland Fwy

Papago Fwy

Google

117



W Lower Buckeye Rd

W Lower Buckeye Rd

W Lower Buckeye Rd

Sundance Park

S Watson Rd

W Elwood St

W Elwood St

S Rainbow Rd

Way Rd

W Broadway Rd

W Broadway Rd

S Watson Rd

S 231st Ave

S Rainbow Rd

S 223rd Ave

W Roeser Rd

W Roeser Rd

S Rains Park

W Surland Ave

S 226th Ave

S 225th Ave

W Southern Ave

S Rainbow Rd

W South

New roads
in Sienna Hills



502-61-006D

502-61-006D

502-61-563

502-61-006D

502-80-847

006D

502-61-001F

502-61-307

502-61-006D

502-61-306

502-61-005C

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502-61-175A

502-78-988B

502-61-003

502-61-169A

502-61-168

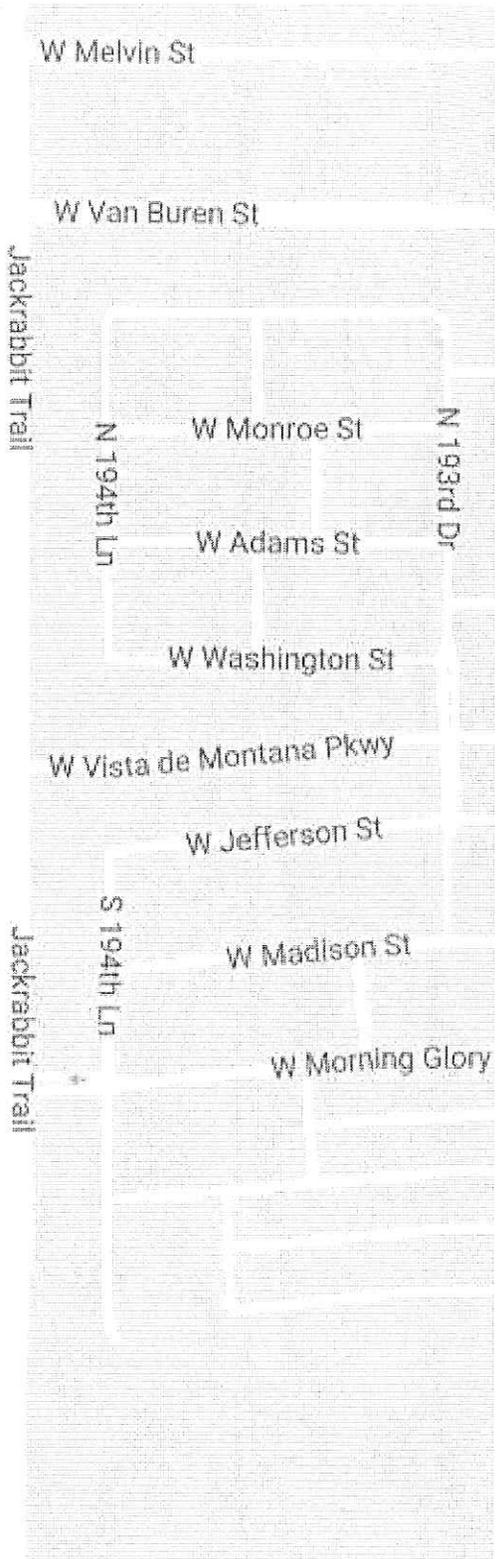
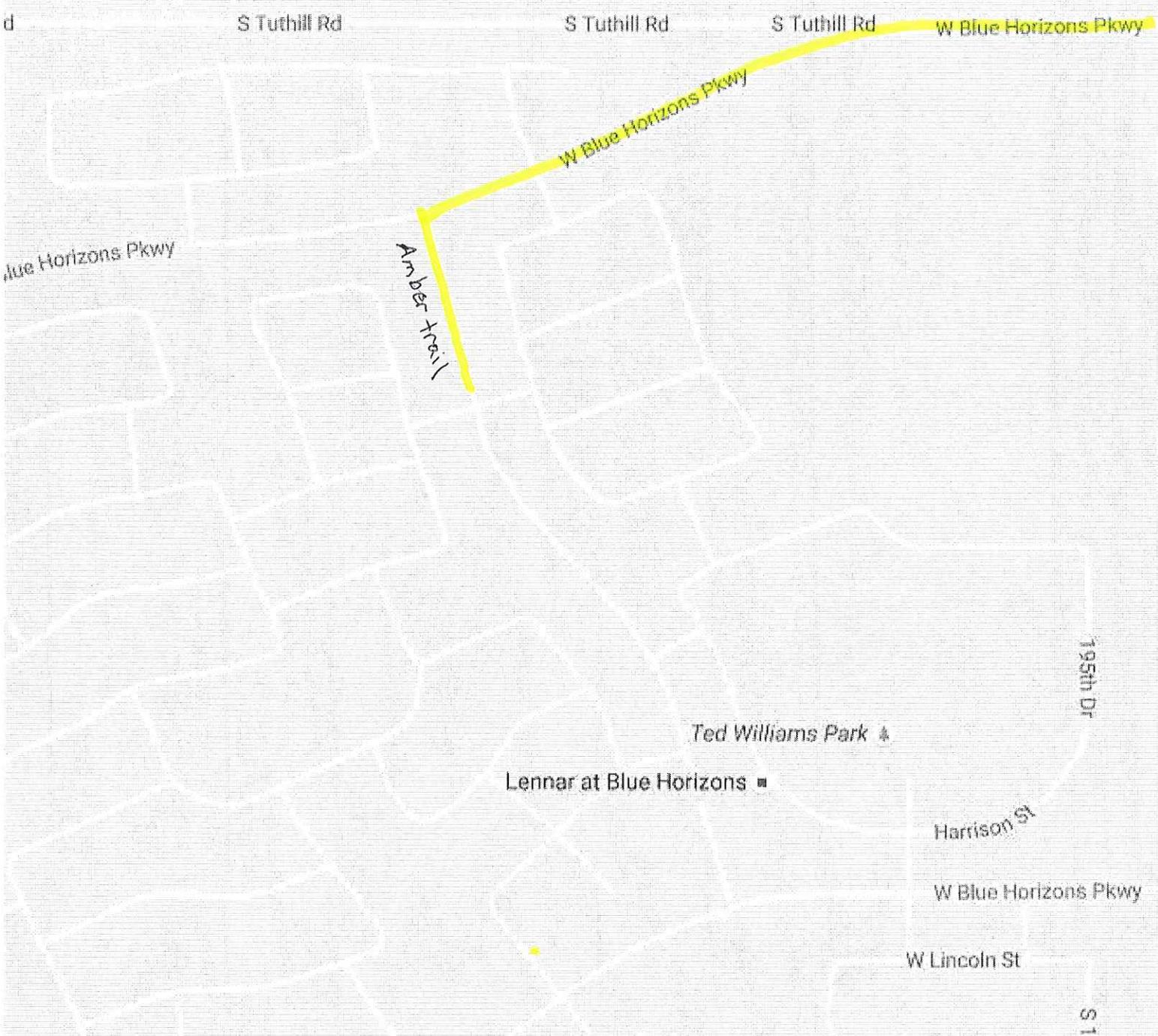
502-61-167

502-78-989A

W MCDOWELL RD

W MCDOWELL RD

New roads in Blue Horizons



ins St

W Watkins St

S 222nd Ave

S 221st Av

S Dean Rd

W Ripple Rd

W Ripple Rd

Paradise Desi

S 218th Ln

S 217th Dr

216th Ln

S 216th Dr

S 215th Dr

W Lower Buckeye Rd

W Lower Buckeye Rd

S Dean Rd

S Dean Rd

