



**PRIORITY PLANNING ADVISORY COMMITTEE  
(PPAC)**

**AGENDA**

**MEETING OF:  
Thursday, March 9, 2023**

**ARIZONA DEPARTMENT OF TRANSPORTATION  
MULTIMODAL PLANNING DIVISION  
OFFICE MEMO**

TO: PRIORITY PLANNING ADVISORY COMMITTEE MEMBERS

- GREG BYRES
- KRISTINE WARD
- STEVE BOSCHEN
- CLEMENC LIGOCKI
- BRENT CAIN
- JOHN MORALES
- BARRY CROCKETT
- MATTHEW MUNDEN
- JON BRODSKY (NON-VOTING)

FROM: Chairman Paul Patane

SUBJECT: SPECIAL PRIORITY PLANNING ADVISORY COMMITTEE MEETING (PPAC)

Pursuant to the A.R.S. 28-6951(B), the ADOT Director has appointed the members of the Priority Planning Advisory Committee (PPAC) to develop the Five Year Transportation Facilities Construction Program. This meeting is scheduled, pursuant to 28-6951(C4), to review the Program and make changes and schedule new projects into the adopted Five Year Transportation Facilities Construction Program.

Pursuant to Title VI of the Civil Rights Act of 1964, and the Americans with Disabilities Act (ADA), ADOT does not discriminate on the basis of race, color, national origin, age, sex or disability. Persons who require a reasonable accommodation based on language or disability should contact ADOT’s Civil Rights Office at 602.712.8946 or at [civilrightsoffice@azdot.gov](mailto:civilrightsoffice@azdot.gov). Requests should be made as early as possible to ensure the State has an opportunity to address the accommodation.

The special meeting of the Arizona Department of Transportation, Priority Planning Advisory Committee (PPAC) will be held on Thursday, March 9, 2023 at 12:30PM. This will be a teleconference meeting. To access the meeting by Internet, please go to [meet.google.com/nke-igzw-wut](https://meet.google.com/nke-igzw-wut). To access the meeting by phone, please dial: +1 646-883-5253, PIN: 233 940 653#. ADOT invites participants to fill out the Self Identification Survey to help ADOT better serve the public:

<https://docs.google.com/forms/d/e/1FAIpQLSfBmeYkkygPOlyGpdWCF2o8b4wQZjfdnlksAQl63aMlvLMdrg/viewform>

**AGENDA:**

Page	Item #/Description	Proposed Action
	1. Call to Order	Chairman
	2. Roll Call	Information Only
2	3. Title VI the Civil Rights Act of 1964, as Amended	Information Only
	4. Call to Audience	Information Only
3	5. AZ SMART Fund Applications	Discussion and Possible Action
86	6. Upcoming Meetings	Information Only
86	7. Adjournment	



## ADOT'S NONDISCRIMINATION NOTICE TO THE PUBLIC

The Arizona Department of Transportation (ADOT) hereby gives public notice that it is the Agency's policy to assure full compliance with Title VI of the Civil Rights Act of 1964, Title II of the Americans with Disabilities Act of 1990 (ADA), and other related authorities in all of its programs and activities.

ADOT's Title VI and ADA Programs require that no person shall, on the grounds of race, color, national origin, or disability, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity.

Any person, who believes his/her Title VI or ADA rights have been violated, may file a complaint. Any such complaint must be in writing and filed with the ADOT Civil Rights Office within one hundred eighty (180) days following the date of the alleged discriminatory occurrence. For additional information about ADOT's Civil Rights programs and the procedures to file a complaint contact ADOT Civil Rights Office via the information listed below:

## AVISO PÚBLICO DE LA LEY DE NO-DISCRIMINACIÓN DE ADOT

El Departamento de Transporte del Estado de Arizona (ADOT) informa al público que esta agencia tiene como regla asegurar el cumplimiento total del Título VI de la Ley de los Derechos Civiles de 1964, del Título II de la Ley de ciudadanos Americanos con Discapacidades de 1990 (ADA) y otras normas relacionadas con todos sus programas y actividades.

Los programas del Título VI y ADA de ADOT exigen que a ninguna persona se le excluya de participar, se le nieguen beneficios o de ninguna otra manera sea sujeta a discriminación en ningún programa o actividad de ADOT por motivo de raza, color, país de origen, o discapacidad.

Cualquier persona que crea que se han violado sus derechos bajo el Título VI o el ADA, puede presentar una queja. Esta queja debe presentarse por escrito a la Oficina de Derechos Civiles de ADOT dentro de ciento ochenta (180) días a partir de la fecha en que se alega que ocurrió la discriminación. Para recibir más información sobre los programas de Derechos Civiles de ADOT y los procedimientos para presentar una queja, por favor póngase en contacto con la Oficina de Derechos Civiles de ADOT a través la información que aparece abajo:

**KRYSTAL SMITH**  
ADA/TITLE VI  
NONDISCRIMINATION  
PROGRAM COORDINATOR  
KSMITH2@AZDOT.GOV

**ADOT Civil Rights Office**  
206 S. 17th Avenue, Mail Drop 155-A  
Phoenix, AZ 85007  
602.712.8946  
602.239.6257 FAX  
azdot.gov  
CivilRightsOffice@azdot.gov

5. **AZ SMART Fund Applications**

**Discussion and Possible Action**

Lisa Danka

(Materials to be provided))

a. Town of Parker

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b. Town of Duncan

Page 37

c. City of San Luis

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## AZ SMART Fund Applications

Description	Town of Parker RAISE 2023	Town of Duncan RAISE 2023	City of San Luis RAISE 2023
<b>Application Summary</b>			
Applicant	Town of Parker	Town of Duncan	City of San Luis
AZ SMART Category	Muni under 10K	Muni under 10K	Muni over 10K
COG/MPO	WACOG	SEAGO	WACOG
Project Type	Road	Road	Road
Project	Enhanced Mobility and Infrastructure for Town of Parker Surface Streets	Town of Duncan System-Wide Resurfacing and New Surfacing	Caesar Chavez Blvd Improvement
Limits	This projects falls entirely within the Parker town limits. Northern boundary is First St, southern boundary is 21st St, eastern boundary is Arrowhead Ave, and western boundary is Quartz Ave in Parker, Arizona.	The project limits include the Northern boundary of Mesquite St & Campbell St, the Eastern boundary of Carlisle Rd, the Southern boundary of 4th St and Skyline Dr and the Western boundary of Ott loop in Duncan, Arizona 85534.	Caesar Chavez Blvd from San Luis Plaza Dr./Escondido St. to Avenue E

## AZ SMART Fund Applications

Description	Town of Parker RAISE 2023	Town of Duncan RAISE 2023	City of San Luis RAISE 2023
Project Description	<p>The Town of Parker, a small rural and disadvantaged township, has the oldest per-capita population in the Nation. Despite this demographic reality, there are numerous areas within the Town of Parker that have no sidewalk, curb or gutter infrastructure. This project is for Phase I of the Enhanced Mobility and Infrastructure for Town of Parker Surface Streets project, delivering the Design and Other Engineering Services (DOES) for this multi-street project, creating a shovel ready project with full design, informed cost estimated and strategic approach to Phase II and Phase III, while delivering a project timeline and guided approach. There are disparate areas of town that will be affected by this eventual Public Works development, and a strategic approach and design is needed. The proposed DOES project will inform the resurfacing of the approximate 51,636 linear feet of sidewalk, curb and gutter while delivering full design and engineering documents for Phase II and Phase III construction in a way that allows that best serves the Town, while improving overall community mobility and safety.</p>	<p>The Town of Duncan requires a system-wide resurfacing of existing streets, and new surfacing of the numerous dirt roads within its town limits. The last new pavement in the town was in 1978, roughly 45 years ago, and no additional surfacing projects have taken place since that time. A substantial number of dirt roads also exist throughout the town, demonstrating the lack of development that is stifling the greater development of the Town of Duncan. This project is for Phase I of the resurfacing and new surfacing of the Town of Duncan, delivering the Design and Other Engineering Services (DOES) of an eventual system-wide approach, creating an informed and cost-accurate assessment of the project in Phase II and Phase III, while delivering a project timeline and guided approach. Because of the segmented and disparate nature of the town's limits, where there is a northern and southern section of town that is connected by Main Street/Highway 75, the town must proceed with the project in a way that does not disrupt or negatively impact its essential facilities. The proposed DOES project will inform the resurfacing of the 2,477 linear feet of town streets that comprise Duncan, while outlining a strategic approach to the Phase II and Phase III construction in a way that allows that town to continue to facilitate its normal operations, events, and business and employ a cost-</p>	<p>The City of San Luis has experienced a tremendous growth for the past 25 years. Caesar Chavez Blvd. (formerly Juan Sanchez Blvd.) is currently a 2-lane roadway. The project is to widen the street to a 4-lane with raised center median. Roadway will have curbs, gutter, storm drains and 2 retention basins. It will also include 3 intersection traffic signals, one roundabout, continuous bicycle lanes, sidewalks, and streetlights. Fiber conduits will be installed for fiber cables to be installed by service providers. The improvement will provide a safe multi-modal transportation need for the growth of the city. This connectivity will provide a safe access to schools and shopping. The project will enhance traffic circulation, reduce congestion, and provide connectivity between the two Ports of Entry.</p>
<b>AZ SMART Request</b>			
Federal Grant Pursued	Local and Regional Project Assistance (RAISE)	Local and Regional Project Assistance (RAISE)	Local and Regional Project Assistance (RAISE)
Phase Submitted	Construction	Construction	Construction
Intended Submission Year	2024	2024	2023
\$ Requested for GDS	0	0	0
\$ Requested for Match			

## AZ SMART Fund Applications

Description	Town of Parker RAISE 2023	Town of Duncan RAISE 2023	City of San Luis RAISE 2023
\$ Match from Applicant for Fed Grant			
% Match from Applicant for Fed Grant			
\$ Requested for DOES	208,264	595,000	2,859,968
Project Partners	NA	NA	NA
Fed Grant Application to be Submitted by	Applicant or consultant will submit directly	Applicant or consultant will submit directly	Applicant or consultant will submit directly

### Cost Estimate Documentation

Cost Estimates in YOE?	Yes	Yes	Yes
Source of Cost Estimates	The cost for DOES is provided by an Engineer. The Town of Parker calculated the estimated cost for Construction, but understands it will not know more until design is complete.	Developed by an engineering consultant	Developed by an engineering consultant
Cost Estimate Documentation	<a href="https://drive.google.com/open?id=1Kqit1X_tELXH3xv3MNXSxjnelYOOX6n">https://drive.google.com/open?id=1Kqit1X_tELXH3xv3MNXSxjnelYOOX6n</a>	<a href="https://drive.google.com/open?id=1ssFcz77g3Jt3Rfv8PS_47WIU53ytf7I8">https://drive.google.com/open?id=1ssFcz77g3Jt3Rfv8PS_47WIU53ytf7I8</a>	<a href="https://drive.google.com/open?id=1ITLOxPovhG58YVUpdq-kR279pc2-8djZ">https://drive.google.com/open?id=1ITLOxPovhG58YVUpdq-kR279pc2-8djZ</a>

### Design Schedule and Budget

Scoping/Pre-design Cost Estimate	0	0	0
Scoping/Pre-design Cost Estimate Date	NA	NA	0
Scoping/Pre-design Status	In progress	In progress	Completed
Design Estimate	208,264	595,000	4,059,968
Design Estimate Date	2/17/2023	2/24/2023	9/28/2022
Design Start Year	2023	2023	2024
Design Status	Not started	Not started	In progress
15% Design Status	Not started	Not started	Completed
30% Design Status	Not started	Not started	Completed
60% Design Status	Not started	Not started	Not started
95% Design Status	Not started	Not started	Not started
100% Design Status	Not started	Not started	Not started

## AZ SMART Fund Applications

Description	Town of Parker RAISE 2023	Town of Duncan RAISE 2023	City of San Luis RAISE 2023
All in Applicant ROW	Yes	Yes	No - working on acquiring private ROW; should be done by 1/1/24
<b>Right of Way, Environmental and Utilities Schedule and Budget</b>			
District Approval?	Not Applicable	Not Applicable	Not Applicable
ROW Acq Status	Not Applicable	Not Applicable	Not started
ROW Cost Estimate	0	0	500,000
ROW Cost Estimate Date	NA	NA	9/28/2022
Other ROW?	Not applicable	Not applicable	Private
ENV Status	Not Applicable	Not Applicable	Completed
Utilities Cost Estimate	0	0	1,000,000
Utilities Cost Estimate Date	NA	NA	9/28/2022
Utilities Status	Not Applicable	Not Applicable	Not started
Other Cost Estimate	0	0	0
Other Cost Estimate Date	NA	NA	NA
Other Status	Not Applicable	Not Applicable	Not Applicable
<b>Construction Schedule and Budget</b>			
Construction Cost Estimate	\$2,800,925	14000000	50,749,600
Construction Cost Estimate Date	1/13/2023	2/15/2023	9/28/2022
Construction Status	Not started	Not started	Not started
Construction Start Year	2024	2024	2026



# Arizona State Match Advantage for Rural Transportation (AZ SMART) Fund Application

Each application may address only one Project and one Federal Grant. Additional Projects and/or Federal Grants require a separate application. See the Application Guidelines for important information and detailed instructions for completing this Application. To ensure the Application is Administratively Complete and will be presented to the State Transportation Board, please respond to all questions and submit all requested documents.

**Document Checklist:** the following documents required to be uploaded to complete this application (PDFs required for all uploaded documents):

1. Documentation evidencing the COG/MPO approval to apply to the AZ SMART Fund
2. Map showing Project location (for infrastructure projects and studies).
3. Documentation showing the Project cost estimates (scoping document, cost estimation form, etc.).  
**NOTE:** Careful attention should be given to developing the cost estimate as the Applicant is responsible for all costs exceeding the amount awarded from the AZ SMART Fund and/or a Federal Grant.

Email \*

pwdirector@townofparkeraz.us

## Applicant Information

Please answer all the questions below.

1. Name of Applicant City, Town or County \*

Town of Parker

2. Name of Contact Person for Applicant \*

Steve Ziegler

3. By checking the box below, the Contact Person for the Applicant certifies they have read and agree to the **Program Guidelines and Application Instructions** for the AZ SMART Fund Program. \*



I have read and agree to the Program Guidelines and Application Instructions for the AZ SMART Fund Program.

4. Contact's Title \*

Public Works Director

5. Contact's Full Mailing Address \*

1314 11th St.

6. Contact's Office Phone # \*

9286699265

7. Contact's Cell Phone # (if applicable)

## 8. Contact's Email Address \*

pwdirector@townofparkeraz.us

## 9. Select the Applicant's COG/MPO. \*

Western Arizona Council of Governments (WACOG) ▼

### Project Information

Please answer all the questions below.

**NOTE regarding ADOT project design administration (PDA) fees:** If requesting ADOT administration of the Project, ADOT PDA fees will apply. These fees are eligible for AZ SMART Funding only when included in an Application for Design and Other Engineering Services or for Match on a federal grant application which will include design. The PDA fees shown below are initial estimates only and may be more or less, depending on the Project. By submitting this application, the Applicant understands that ADOT may bill additional PDA fees and agrees to pay such fees. Any fees not required for the Project will be refunded to the Applicant upon approval of the Project final voucher.

- Certification Accepted (CA) agencies - \$10,000 initial fee
- Non-CA agencies - \$30,000 initial fee

## 10. Select the Project Type. \*

Road

Bridge

Transit

Rail

Other: .....

11. Project Name - enter a brief, intuitive name. \*

Enhanced Mobility and Infrastructure for Town of Parker Surface Streets


12. Enter the Project limits as applicable. If an infrastructure Project is infrastructure, provide the name of the road and "From" and "To" Mileposts or Cross Streets. If a non-infrastructure project, enter the geographic area to which the plan or study will relate. \*

This projects falls entirely within the Parker town limits. Northern boundary is First St, southern boundary is 21st St, eastern boundary is Arrowhead Ave, and western boundary is Quartz Ave in Parker, Arizona.

13. Enter the Project's TIP number, if applicable. If the Project is not in the TIP, enter "NA". \*

NA

14. Submit written documentation evidencing the COG/MPO approval to submit the Project to the AZ SMART Fund program (PDF format only). \*

 WACOG 2023 S...

15. Project Description - Provide a concise, specific description of the Project, including the type \* of work to be performed and benefits to be realized.

The Town of Parker, a small rural and disadvantaged township, has the oldest per-capita population in the Nation. Despite this demographic reality, there are numerous areas within the Town of Parker that have no sidewalk, curb or gutter infrastructure. This project is for Phase I of the Enhanced Mobility and Infrastructure for Town of Parker Surface Streets project, delivering the Design and Other Engineering Services (DOES) for this multi-street project, creating a shovel ready project with full design, informed cost estimated and strategic approach to Phase II and Phase III, while delivering a project timeline and guided approach. There are disparate areas of town that will be affected by this eventual Public Works development, and a strategic approach and design is needed. The proposed DOES project will inform the resurfacing of the approximate 51,636 linear feet of sidewalk, curb and gutter while delivering full design and engineering documents for Phase II and Phase III construction in a way that allows that best serves the Town, while improving overall community mobility and safety.

16. For infrastructure projects, please upload a map showing the Project location (PDF format only).



17. Is the Project entirely in the Applicant's Right of Way? For non-infrastructure projects, check \* "Not applicable."

- Yes
- No
- Not applicable

18. If Project involves ADOT Right of Way, has the Applicant discussed the Project and obtained <sup>\*</sup> the consent of the applicable ADOT District office to proceed with this grant application? If no ADOT Right of Way or a non-infrastructure project, check "Not applicable."

- Yes
- No
- Not Applicable

19. If Project involves another jurisdiction's Right of Way, has the Applicant discussed the <sup>\*</sup> Project with applicable jurisdiction and obtained its consent to proceed with this grant application? If no other Right of Way or non-infrastructure project, check "Not applicable."

- Yes
- No
- Not applicable

20. Project Schedule - check the boxes to show the State Fiscal Years in which each phase is <sup>\*</sup> scheduled to begin. Check only ONE box in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row. **NOTE:** the State Fiscal Year runs from July 1 through June 30.

	2023	2024	2025	2026	Not Applicable
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

21. Project Status - check the boxes to indicate the status of each phase. Check only ONE box \*  
 in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Scoping/Pre-Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right of Way Acquisition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

22. Design Status - for each Stage, check one box to indicate the Project's Design Status. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Stage 1, 15% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 2, 30% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 3, 60% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 4, 95% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 5, 100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Cost Estimate for Scoping/Pre-design - enter in whole dollars (for example, 250,000). Enter \* "0" if not applicable.

0

24. Enter the date of the Scoping/Pre-design estimate. Enter "NA" if not applicable. \*

NA

25. Cost Estimate for Design - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

208264



26. Enter the date of the Design estimate. Enter "NA" if not applicable. \*

2/17/2023

27. Cost Estimate for Right of Way - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

0

28. Enter the date of the Right of Way estimate. Enter "NA" if not applicable. \*

NA

29. Cost Estimate for Utilities - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

0

30. Enter the date of the Utilities estimate. Enter "NA" if not applicable. \*

NA

31. Cost Estimate for Construction - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

\$2,800,925

32. Enter the date of the Construction estimate. Enter "NA" if not applicable. \*

1/13/2023

33. Cost Estimate for Other - enter in whole dollars (for example, 250,000) . Enter "0" if not applicable. \*

0

34. Enter the date of the Other estimate. Enter "NA" if not applicable. \*

NA

35. Do the estimates provided reflect costs on a Year of Expenditure basis? Note: Year of Expenditure basis means the costs have been inflated in later years. \*

Yes

No

36. Please indicate the source of the Project Cost Estimates entered above. \*

Developed by the Applicant

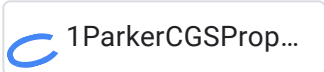
Developed by an engineering consultant

Other:

The cost for DOES is provided by an Engineer. The Town of Parker calculated the estimated cost for Construction, but understands it will not know more until design is complete.

37. Please upload documentation (PDF format only) showing the Project cost estimates (scoping document, cost estimation form, etc.).

\*



### AZ SMART Fund Request

Please answer all the questions below.

**NOTE: Careful attention should be paid to developing a thorough and complete cost estimate on a year of expenditure basis.** The Applicant will be responsible for all costs which exceed the amount of an AZ SMART Fund or federal grant award. ADOT has developed a Project Cost Estimating Tool which is available on the AZ SMART Fund webpage under Application Materials. This tool is provided as a courtesy only and does not purport to cover all possible costs or scenarios. Applicants are ultimately responsible for determining the Project cost estimate.

Unless the NOFO/NOFA includes the option to be a direct recipient, both CA and non-CA agencies should include initial project development fees for road/bridge/rail projects. For transit projects, an administration fee of 10% of the total project cost will apply.

38. County Applicants with population of 100,000 or less and municipalities with population of 10,000 or less ONLY: Enter the amount requested for Reimbursement of up to 50% of the costs associated with developing and submitting an application for the Federal Grant identified below. **The amount entered below should be no more than 50% of the total estimated costs of developing and submitting the grant - enter in whole dollars (for example, 250,000).**

0

39. Enter the amount requested from the AZ SMART Fund for Match for the Federal Grant identified in this application - enter in whole dollars (for example, 250,000). If not requesting Match, skip this question.

.....

40. In addition to the Match amount requested from the AZ SMART Fund in the previous question, enter the dollar amount of Matching cash funds to be committed by the Applicant for the Project in the Federal Grant identified in this application. If not requesting Match, skip this question.

41. Enter the percent to the second decimal place (for example, 15.05%) of Matching cash funds which will be provided by the Applicant (**beyond the amount requested from the AZ SMART Fund**) in the Federal Grant application - see Application Guidelines for directions to calculate the percentage. If not requesting Match, skip this question.

42. Enter the amount requested from the AZ SMART Fund for reimbursement of design and other engineering services expenditures that meet federal design standards for Projects eligible for the Federal Grant identified in this application. Enter in whole dollars (for example, 250,000). If not requesting design funds, skip this question.

208264

43. Provide the names of any other entities the Applicant will partner with to deliver the Project. Identify and quantify the contribution of each partner(s) (dollar amount of cash match, type of in-kind services, etc.). If none, enter "NA."

**Federal Grant**

Please answer all the questions below. NOTE: Federal grants eligible under the SMART Fund are federal discretionary grant programs administered by any federal agency for SURFACE TRANSPORTATION PURPOSES.

44. How does the Applicant intend to submit the federal grant application? **Note:** If requesting ADOT to submit, the following time frames apply: \*

A. At least thirty (30) day prior to the application deadline in the NOFO for the applicable federal discretionary grant, the Applicant is required to submit the ADOT Grant Coordination Support Request Form at <https://apps.azdot.gov/files/mvd/mvd-forms-lib/42-0103.pdf>.

B. At least seven (7) days before the NOFO/NOFA deadline, the completed application materials must be provided to the ADOT Grant office for submission.

Applicant or consultant will submit directly

Applicant requests ADOT to submit

Other: .....

45. How does the Applicant intend to administer the Project if awarded a federal grant? \*

Be a direct recipient if allowed in the NOFO

Request ADOT administration (Project development administration fees will apply)

Other: .....

46. Select the Federal Grant for which the Applicant intends to submit the Project - select one grant only. If the desired grant is not listed, select Other and provide the name of the grant and the applicable federal agency. **NOTE:** This list does not include all federal discretionary grants and may contain grants that are not currently available or funded. Applicants are responsible for conducting their own research to identify an appropriate federal grant for their Project. \*

- Active Transportation Infrastructure Investment Program
- Bridge Investment Program
- Defense Community Infrastructure Pilot
- Grants for Charging and Fueling Infrastructure
- Local and Regional Project Assistance (RAISE)
- Multi State Freight Corridor Planning
- National Culvert Removal, Replacement and Restoration Grant Program
- National Infrastructure Project Assistance (MEGA)
- Nationally Significant Freight and Highway Projects (INFRA)
- PROTECT Grant Program
- Reconnecting Communities Pilot Program
- Rural Surface Transportation Grant Program
- Safe Streets and Roads for All Program (SS4A)
- Strategic Innovation for Revenue Collection
- Strengthening Mobility and Revolutionizing Transportation Grant Program
- Wildlife Crossing Safety
- Rail - Consolidated Rail Infrastructure and Safety Improvements Grants
- Rail - Fixed Guideway Capital Investment Grants
- Rail - Restoration and Enhancement Grants
- Rail - Railroad Crossing Elimination Program
- Transit - All Stations Accessibility
- Transit - Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants Program

- Transit - Buses and Bus Facilities Program
- Transit - Develop Interoperable Standards for Bus Exportable Power Systems (BEPS)
- Transit - Innovative Coordinated Access and Mobility (ICAM) Pilot Program
- Transit - Low-No Emission Vehicle Program
- Transit - Public Transportation Innovation Program
- Transit - State of Good Repair Grants Program
- Transit - Technical Assistance, Standards Development, and Workforce Development Programs
- Other: .....

47. In what Federal Fiscal Year does the Applicant intend to submit an application for the Federal Grant? **NOTE:** the Federal Fiscal Year runs from October 1 through September 30. Applications must be submitted prior to the expiration of the Infrastructure Investment and Jobs Act, currently expiring on September 30, 2026. \*

2024 .....

48. Which phase of the Project will be submitted in the Federal Grant application? \*

- Design
- Right of Way Acquisition
- Construction
- Other: .....

**For State Purposes only**

Adopted at STB meeting on \_\_\_\_\_. Action taken:

\_\_\_ Approved

\_\_\_ Denied

\_\_\_ Modified as shown in the attached document

This form was created inside of State of Arizona.

Google Forms

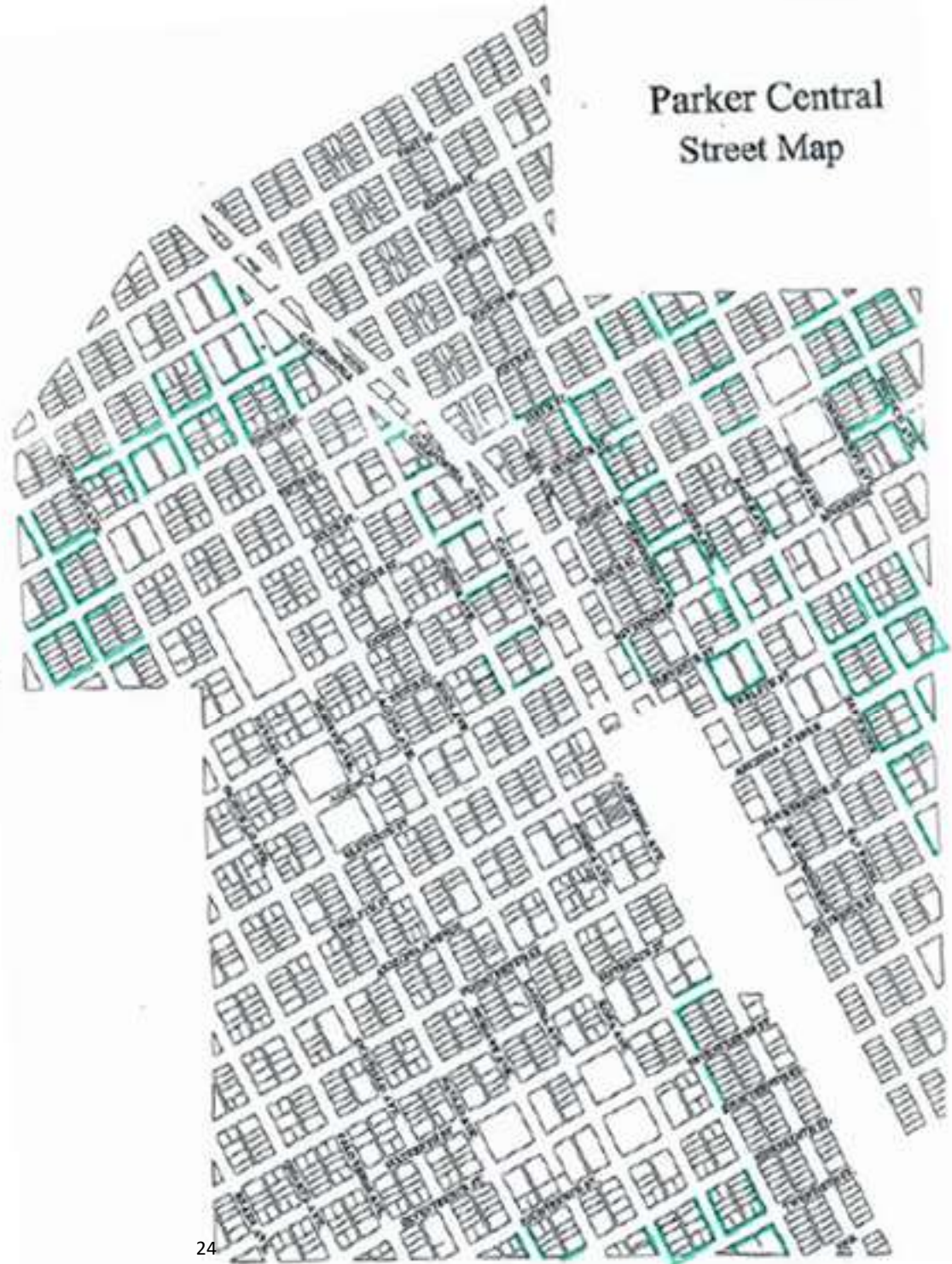


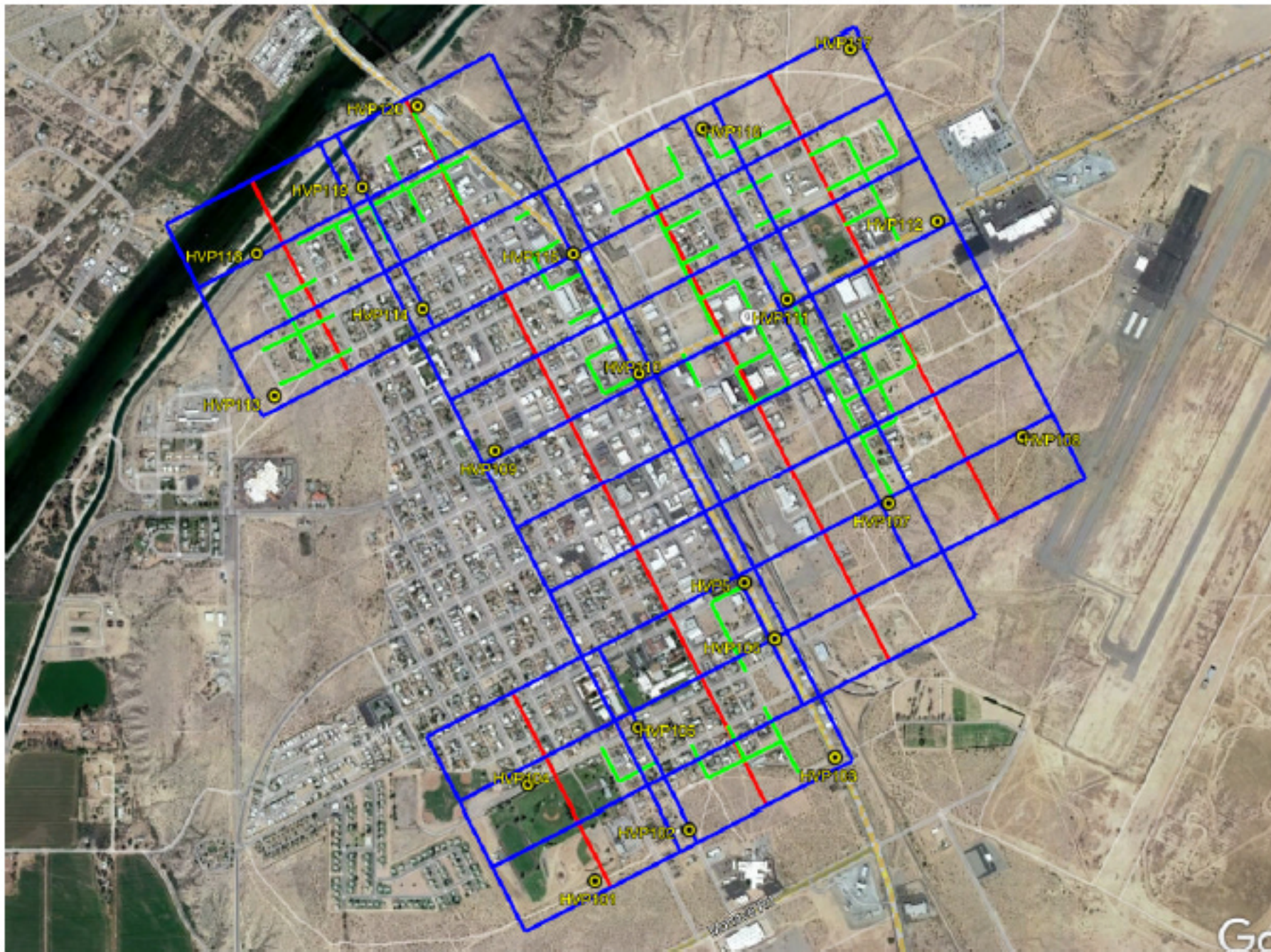


**Town of Parker**  
**AZ SMART Fund**  
**Enhanced Mobility and Infrastructure**  
**for Town of Parker Surface Streets**  
**Aerial View of Project Location/Limits**

 = **Target Resurface Areas**

**Parker Central  
Street Map**





Legend:

Blue = Aerial Panels

Green = Improvement locations

Red = Flight Lines

Yellow = Control Points

**Fee Proposal  
Town of Parker  
Curb, Gutter, Sidewalk Improvements**

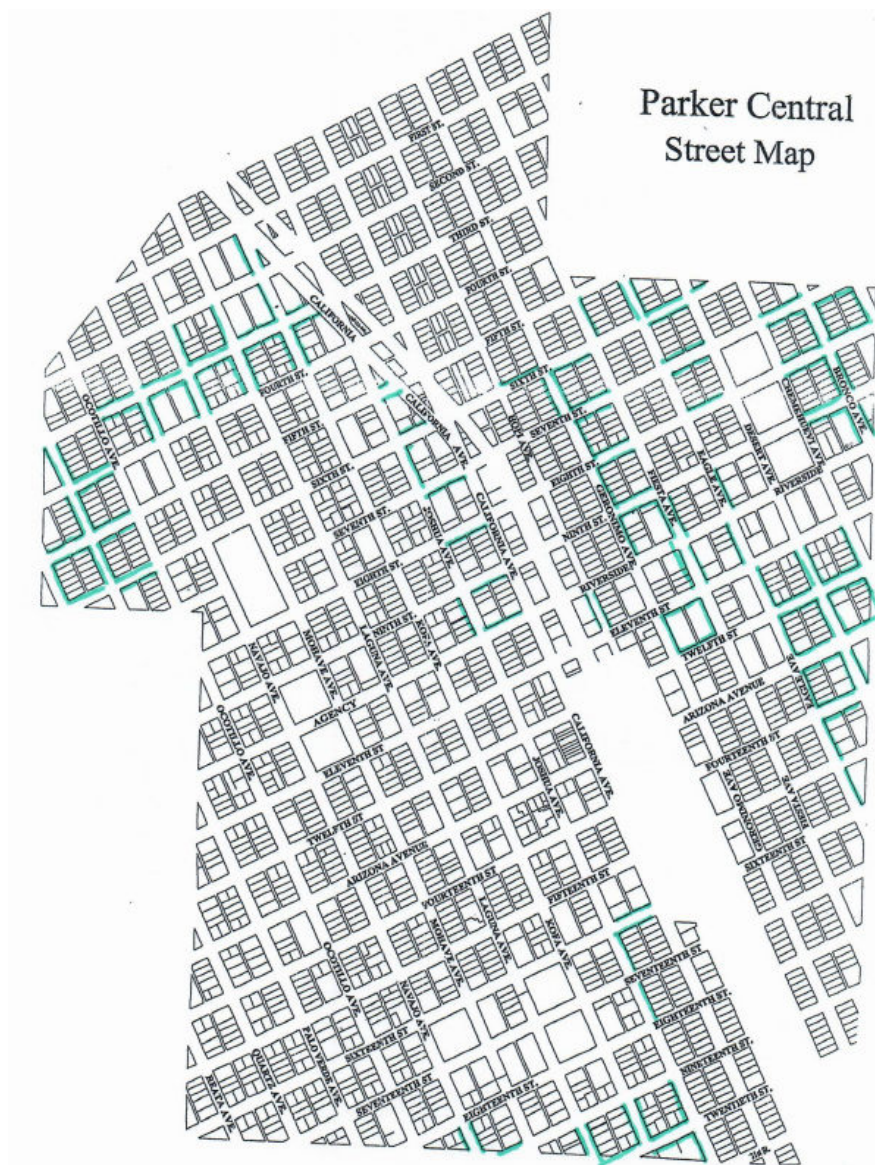
Category and Rates								TOTALS		
		Proj Prin/QAQC	PM	Sr.Eng	Proj Eng	Designer	Admin	Subs	Hours	Dollars
		\$234.87	\$213.44	\$187.52	\$145.57	\$136.15	\$75.40	Lump Sum		
Task	Description									
<b>Parker Streets</b>										
100	Project Management and meetings	6	52		18	14	38		128	\$19,900
200	Utility Investigation	2	4	6	56	62			130	\$19,042
300	Topography	2	6		5			\$19,750	13	\$22,228
400	Design	46	110	104	160	290			710	\$116,559
Subtotal Hours		56	172	110	239	366	38		981	
Subtotal Costs		\$2,349	\$13,233	\$1,125	\$11,500	\$10,347	\$2,865			\$177,729
<b>500 Direct Costs</b>										
		Expenses	Miles	Rate	Total Exp					
		Mileage	700	\$0.55	\$385	Roundtrip = 350 miles				
		printing, misc. approv expenses			\$150	Expenses				\$535
								<b>Total</b>		<b>\$178,264</b>

## Curb, Gutter, and Sidewalk Street Improvements

Town of Parker, La Paz County, Arizona

Atkins North America, Inc. (ATKINS) is pleased to submit this proposal for engineering consulting services to the Town of Parker for curb, gutter, and sidewalk improvements in various locations throughout the Town. The improvements are expected to consist of curb, gutter, sidewalk and may additionally include of paving, grading, and drainage, and engineering plans will be produced suitable for bidding and construction. Figure 1 and Attachment 1 contain project locations.

**Figure 1. Project Locations (indicated in blue, see Attachment 1 for specific location listing).**



Based on our current understanding of the project, ATKINS will provide the following scope of services necessary to design the above-described proposed improvements.

## I. SCOPE OF SERVICES

### TASK 100 – PROJECT MANAGEMENT AND MEETINGS

- A. Meetings: ATKINS anticipates having a kickoff meeting with the Town of Parker (also referred to as “the Town” elsewhere in this proposal), as well as review meetings with the Town at 60 percent completion and 100 percent completion, for a total of three (3) meetings. The kickoff and 60 percent completion meetings are assumed to be in person, and the 100 percent completion meeting is assumed to be virtual via a conference call and/or screen sharing platform (such as Microsoft Teams, Skype, or similar). The kickoff and 60 percent completion meetings will include a field review with Town representatives.
- B. Project Management: This task includes the traditional project management responsibilities associated with this type of project including day-to-day coordination with the Town; administration of the contract, including invoicing and budget and schedule management; and coordination with project staff.
- C. QC/QC Review: ATKINS will perform internal quality control reviews of all design and documents prior to each milestone submittal. In addition, senior ATKINS staff will be involved with key issues at strategic times during the design process. All work will be subjected to ATKINS’ internal formal QA/QC program to ensure quality and completeness of all deliverables prior to submittal to the Town.

### TASK 200 – UTILITY INVESTIGATION

The location of existing utilities will be determined using the Arizona Blue Stake service. Expected utilities include power, cable, and telephone (overhead), and sewer and water (underground). Information received will be shown in plan view on the plans, and utility owners and contact information will be listed on the plans. Potholing or other physical investigation will not be performed.

### TASK 300 – TOPOGRAPHY

Aerial photogrammetric information will be gathered for use on this project at a one-foot contour interval vertical accuracy. The roadway corridors within the right-of-way limits will be mapped for planimetric and topographic information for the indicated scope areas. 20 aerial targets will be set for survey control. The vertical datum will be NAVD 88 and the horizontal datum will be NAD 83. The flight lines and panel layouts are included as Attachment 2.

### TASK 400 – DESIGN

ATKINS will prepare improvement plans for street improvements. It is assumed that new curb (rolled), gutter, sidewalk (4’ wide) improvements will be placed in the indicated scope areas. Attachment one contains a list of locations for improvements by block notations. It is assumed that new curb, gutter, and sidewalk will be specified for all locations listed in Attachment 1. Improvements are assumed to begin at the back of any existing curb ramps, which will remain. However, if improvements do not exist at the intersections, ADA-compliant curb ramps will be placed at intersections meeting the current ADA design standards in place at the time of design.

Design will be governed by the La Paz County Public Works Manuals, the Maricopa Association of Governments (MAG) standard plans and details, and pertinent ADOT, AASHTO, MUTCD, and FHWA design guidance documents.

It is assumed that proposed improvements are generally grade-constrained and will match existing improvements at scope limits. A uniform street width will be provided to match the Town's standard pavement widths. It is noted that in some scope locations, the existing pavement width is narrower than the standard width. For the purposes of this scope document, it is assumed that additional pavement will be added in these locations to provide a fully paved, standard street width. Each location will be reviewed, and a recommendation provided on street width as it may not be desirable to increase pavement widths in some locations.

It is assumed that sufficient grade control of new improvements can be provided on plan-view sheets and separate profiles will not be required. For the purposes of scoping, up to five profile sheets are included for areas where additional vertical control using profiles may be required.

Hydrology and hydraulic calculations will not be performed. Providing positive drainage will be considered during the design; however, hydrologic and hydraulic calculations to determine the amount of flow will not be performed. If a grade differential exists at back of sidewalk, it is assumed dirt will be placed to provide a smooth transition to existing grade within the right-of-way. If it appears that significant water may pond behind the back of sidewalk due to the grade changes that cannot be solved with design grading, a drywell, sidewalk drain, channel drain, or similar will be provided. Retaining walls or storm drain designs are not included.

Signing and striping will not be provided. It is assumed that existing signs, pavement and pavement markings will remain, and no additional signing and striping will be required. Utility relocations are not anticipated to be required due to the surficial nature of the improvements. However, any surface manholes, valves, and utility boxes will be specified to be raised to new grades, if necessary.

- A. Improvement Plans: The improvement plans are anticipated to consist of the following sheets:
- Cover/Title Page (1 sheet)
  - General notes, legend, control and abbreviations (1 sheet)
  - Details (2 sheets)
  - Improvement plans (26 sheets at 1"=40' scale, 2 plan views each sheet)
  - Profiles (5 sheets) (Note profile assumption above)

It is assumed that surface features, such as manholes, driveways, mailboxes, and similar are denoted on the topographical base map and no additional survey will be performed.

Horizontal control will be taken from the topographical base drawing, and improvements will be control using stations and offsets from the centerlines. The control lines and monuments will be shown on the grading and paving plans. Existing right-of-way (generally 100 feet wide) will be shown but will not be surveyed or tied into monumentation. Additional right-of-way survey will not be performed.

Geotechnical investigations and pavement section design is excluded; it is assumed that standard street sections based on La Paz County minimums (or as preferred by the Town) will be used.

Special Provisions/Specifications: It is assumed that Maricopa Association of Governments (MAG) standard specifications will be used to govern construction of this project. It is anticipated that the Town will provide their own contract documents (e.g. general conditions, instructions to bidders, bonding and insurance requirements, advertisement for bid, bidding requirements, bid schedule, contract requirements, DBE requirements, award of contract, progress payments to contractor, payment retention, etc.), and are excluded from this scope of services.

- B. Engineer's Opinion of Probable Cost: ATKINS will create quantities of construction items and develop an engineer's opinion of probable cost (OPC) – also referred to as a “cost estimate” – for construction of the proposed improvements. The OPC will be prepared in a format matching the methods of measurement and payment outlined in the specifications.
- C. Submittals: ATKINS will submit the plans in accordance with the following schedule of elements:

*60% Submittal:*

The 60% submittal will include the following elements:

- Improvement plans at approximately a 60% level of completion.
- Engineer's OPC – ATKINS will prepare an engineer's OPC based on the 90% plans.

The 60% submittal will be reviewed by the Town, and an in-person/field design review meeting held as indicated under Task 100. It is assumed that comments will be consolidated and provide to Atkins in one set of redlined documents and/or spreadsheet format. Atkins will prepare a comment resolution spreadsheet to track all comments and their resolution.

*100% Submittal (Prefinal):*

The 100% submittal will be the pre-final submittal, not for construction, and will include the following elements:

- Improvement plans – revisions as necessary to all listed plan sheets.
- Engineer's OPC – ATKINS will revise the engineer's OPC based on the 100% plans.
- Special provisions – ATKINS will prepare special provisions to address items not covered by standard specifications, if any.

The 100% Prefinal submittal will be reviewed by the Town, and a design review meeting held as indicated under Task 100. It is assumed that comments will be consolidated and provide to Atkins in one set of redlined documents and/or spreadsheet format. Atkins will prepare a comment resolution spreadsheet to track all comments and their resolution.

*100% Submittal (Final):*

The final submittal will incorporate comments received and be sealed by and Arizona-licensed civil engineer. Electronic versions in native and PDF formats, along with one full-size hard copy of the plans will provided to the Town.

**TASK 500 – DIRECT COSTS**

- Direct Costs: Direct reimbursable costs are anticipated to include final reproduction, mileage, and miscellaneous approved expenses.

**II. ASSUMPTIONS AND ADDITIONAL ENGINEERING SERVICES**

If requested by Client, ATKINS will provide the following Additional Services, beyond the services included in Section I, Scope of Services, for an additional fee:

- A. Attendance at additional meetings beyond those specifically identified in Section I.
- B. New curb, gutter, and sidewalk is assumed to be specified for all project segments. If curb, gutter, or sidewalk exists on specified segments, the Town shall direct Atkins to either keep or replace these items. A condition assessment of any existing curb, gutter, and sidewalk will not be performed.
- C. Environmental services, including any Army Corp of Engineers permits, environmental reviews, environmental clearance, analysis or studies, permit preparation and processing, attendance to public hearings, etc. beyond those specifically identified in Section I.
- D. Storm water pollution prevention plan (SWPPP), including the Notice of Intent (NOI) and Notice of Termination (NOT).
- E. Traffic control plans, right-of-way, and/or signing and striping plans.
- F. Preparation of General Conditions.
- G. Assistance with public participation and communications, including planning and participation in public outreach programs, attendance to public meetings and workshops, etc.
- H. Planning, analysis or design of additional or alternative drainage structures.
- I. Construction phase services including permitting assistance, shop drawing review, responding to request for information, office and field engineering support, construction observation, construction contract administration, change order review and processing, preparation of record drawings, geotechnical quality control/quality assurance, assisting the Town with project closeout with the contractor, etc.
- J. Any additional project related services not specifically included in Section I, Scope of Services.



### **III. CLIENT-FURNISHED SERVICES**

The following services or information will be provided by Client or its consultants:

- A. Copies of all relevant reports, studies, drawings, correspondence, and other relevant project information or data, including utility and right-of-way maps.
- B. Assign one person to serve as the Client's project manager who has authority to represent the Client and will serve as the point of interface for all project issues and communications.
- C. Print all plans, specifications and contract documents required for bidding and construction purposes.

## Attachment 1. Project Scope

Street Name	From	To	Segment Length (ft)	
<b>Agency Road</b>	California Ave	Joshua Ave	420	
<b>Arizona Ave</b>	Chemehuevi Ave	Desert Ave	420	
<b>Arizona Ave</b>	Desert Ave	Eagle Ave	840	Both sides of street
<b>Arrowhead Ave</b>	7th Street	8th Street	400	
<b>Bronco Ave</b>	7th Street	8th Street	800	Both sides of street
<b>Bronco Ave</b>	8th Street	9th Street	800	Both sides of street
<b>Bronco Ave</b>	9th Street	Riverside Dr.	800	Both sides of street
<b>Chemehuevi</b>	11th Street	12th Street	800	Both sides of street
<b>Chemehuevi</b>	12th Street	Arizona Ave	800	Both sides of street
<b>Desert Ave</b>	11th Street	12th Street	800	Both sides of street
<b>Desert Ave</b>	12th Street	Arizona Ave	800	Both sides of street
<b>Desert Ave</b>	Arizona Ave	14th Street	800	Both sides of street
<b>Eagle Ave</b>	5th Street	6th Street	800	Both sides of street
<b>Eagle Ave</b>	9th Street	Riverside Dr.	400	
<b>Eagle Ave</b>	Riverside Dr.	11th Street	400	
<b>Eagle Ave</b>	11th Street	12th Street	400	
<b>Eagle Ave</b>	12th Street	Arizona Ave	400	
<b>Eagle Ave</b>	Arizona Ave	14th Street	400	
<b>Eagle Ave</b>	14th Street	15th Street	400	
<b>Eagle Ave</b>	15th Street	16th Street	400	
<b>Fiesta Ave</b>	5th Street	6th Street	400	
<b>Fiesta Ave</b>	9th Street	Riverside Dr.	800	Both sides of street
<b>Fiesta Ave</b>	Riverside Dr.	11th Street	800	Both sides of street
<b>Fiesta Ave</b>	11th Street	12th Street	400	
<b>Geronimo Ave</b>	6th Street	7th Street	800	Both sides of street
<b>Geronimo Ave</b>	7th Street	8th Street	400	
<b>Geronimo Ave</b>	8th Street	9th Street	400	
<b>Geronimo Ave</b>	9th Street	Riverside Dr.	400	
<b>Hopi Ave</b>	Riverside Dr.	11th Street	400	

Scope of Services  
Curb, Gutter, and Sidewalk Street Improvements

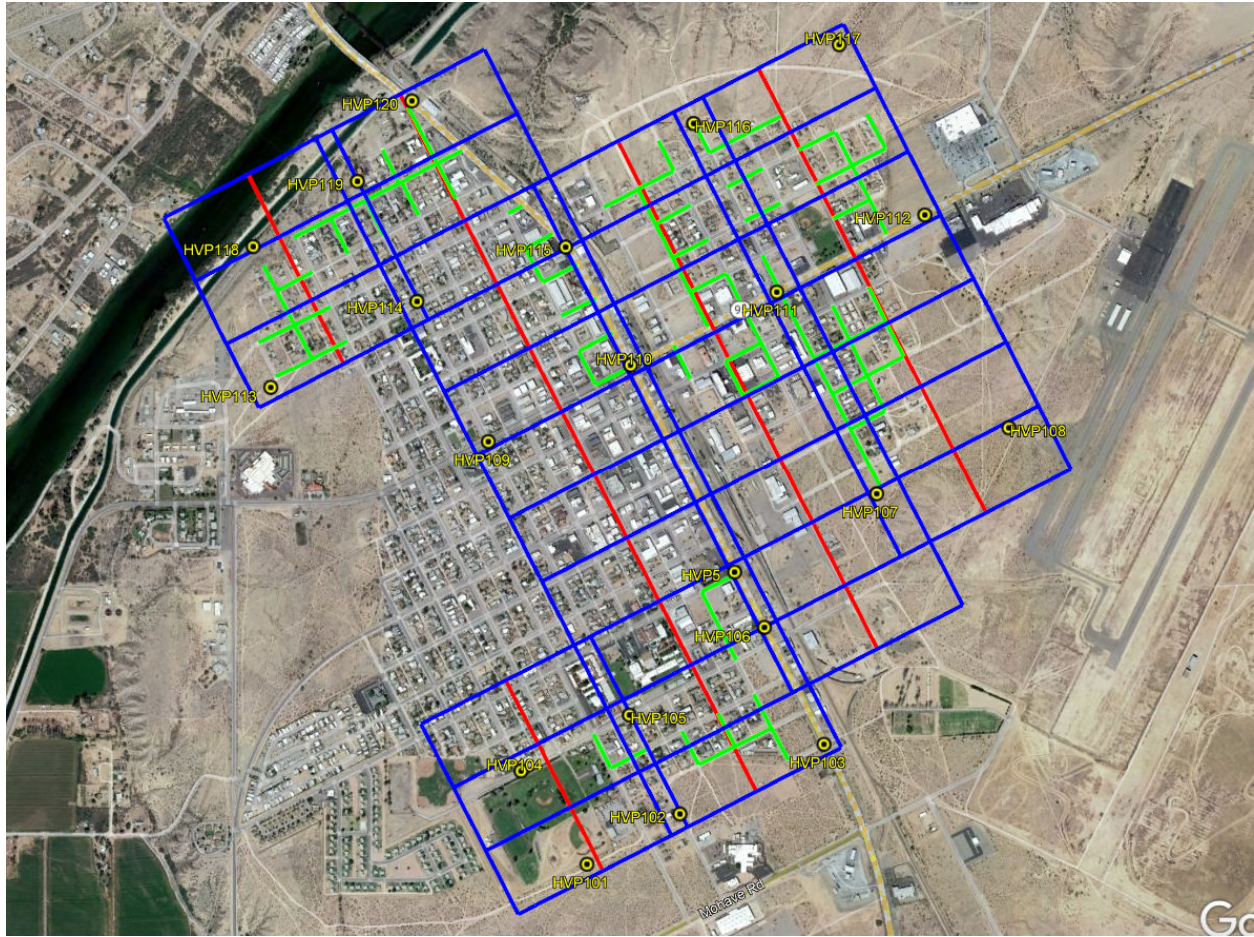
Street Name	From	To	Segment Length (ft)	
<b>Joshua Ave</b>	6th Street	7th Street	400	
<b>Joshua Ave</b>	9th Street	Agency	400	
<b>Joshua Ave</b>	16th Street	17th Street	400	
<b>Joshua Ave</b>	17th Street	18th Street	400	
<b>Joshua Ave</b>	19th Street	20th Street	400	
<b>Joshua Ave</b>	20th Street	21st Street	384	
<b>Kofa Ave</b>	California Avenue	2nd Street	800	Both sides of street/cudesac
<b>Kofa Ave</b>	2nd Street	3rd Street	400	
<b>Kofa Ave</b>	3rd Street	4th Street	800	Both sides of street
<b>Kofa Ave</b>	19th Street	20th Street	800	Both sides of street
<b>Laguna</b>	2nd Street	3rd Street	400	
<b>Laguna</b>	3rd Street	4th Street	800	Both sides of street
<b>Laguna</b>	19th Street	20th Street	800	Both sides of street
<b>Mohave</b>	2nd Street	3rd Street	400	
<b>Mohave</b>	3rd Street	4th Street	800	Both sides of street
<b>Navajo</b>	3rd Street	4th Street	800	Both sides of street
<b>Palo Verde Ave</b>	End	4th Street	800	Both sides of street
<b>Palo Verde Ave</b>	4th Street	5th Street	800	Both sides of street
<b>Palo Verde Ave</b>	5th Street	6th Street	800	Both sides of street
<b>Quartz Ave</b>	5th Street	6th Street	400	
<b>3rd Street</b>	California Ave	Kofa Ave	840	Both sides of street
<b>3rd Street</b>	Kofa Ave	Laguna Ave	840	Both sides of street
<b>3rd Street</b>	Laguna Ave	Mohave Ave	840	Both sides of street
<b>3rd Street</b>	Mohave Ave	Navajo Ave	840	Both sides of street
<b>3rd Street</b>	Navajo Ave	Ocotillo Ave	840	Both sides of street
<b>4th Street</b>	Ocotillo Ave	Palo Verde Ave	840	Both sides of street
<b>5th Street</b>	California Ave	Joshua Ave	246	Both sides of street
<b>5th Street</b>	Ocotillo Ave	Palo Verde Ave	840	Both sides of street
<b>5th Street</b>	Palo Verde Ave	Quartz Ave	840	Both sides of street
<b>6th Street</b>	Chemehuevi Ave	Desert Ave	420	

Scope of Services  
Curb, Gutter, and Sidewalk Street Improvements

Street Name	From	To	Segment Length (ft)	
<b>6th Street</b>	Desert Ave	Eagle Ave	840	Both sides of street
<b>6th Street</b>	Fiesta Ave	Geronimo Ave	420	
<b>6th Street</b>	Geronimo Ave	Hopi Ave	420	
<b>6th Street</b>	California Ave	Joshua Ave	266	
<b>6th Street</b>	Ocotillo Ave	Palo Verde Ave	420	Both sides of street
<b>6th Street</b>	Palo Verde Ave	Quartz Ave	420	
<b>7th Street</b>	Bronco Ave	Chemehuevi Ave	840	Both sides of street
<b>7th Street</b>	Desert Ave	Eagle Ave	840	
<b>7th Street</b>	Fiesta Ave	Geronimo Ave	840	Both sides of street
<b>7th Street</b>	California Ave	Joshua Ave	420	
<b>8th Street</b>	Arrowhead Ave	Bronco Ave	420	Both sides of street
<b>8th Street</b>	Bronco Ave	Chemehuevi Ave	840	
<b>8th Street</b>	Desert Ave	Eagle Ave	420	
<b>8th Street</b>	Fiesta Ave	Geronimo Ave	840	
<b>8th Street</b>	California Ave	Joshua Ave	420	Both sides of street
<b>9th Street</b>	Bronco Ave	Chemehuevi Ave	840	
<b>9th Street</b>	Fiesta Ave	Geronimo Ave	840	
<b>9th Street</b>	California Ave	Joshua Ave	420	Both sides of street
<b>11th Street</b>	Fiesta Ave	Geronimo Ave	420	
<b>12th Street</b>	Chemehuevi Ave	Desert Ave	840	Both sides of street
<b>14th Street</b>	Desert Ave	Eagle Ave	840	
<b>16th Street</b>	California Ave	Joshua Ave	840	Both sides of street
<b>19th Street</b>	Mohave Ave	Navajo Ave	420	
<b>20th Street</b>	Joshua Ave	Kofa Ave	840	Both sides of street
<b>20th Street</b>	Kofa Ave	Laguna Ave	420	

**Totals:** **51,636 LF of curb and gutter**  
**206,544 SF of sidewalk (4' wide)**

## Attachment 2. Aerial flight lines, panels, and targets



Legend:

Blue = Aerial Panels

Green = Improvement locations

Red = Flight Lines

Yellow = Control Points

# Arizona State Match Advantage for Rural Transportation (AZ SMART) Fund Application

Each application may address only one Project and one Federal Grant. Additional Projects and/or Federal Grants require a separate application. See the Application Guidelines for important information and detailed instructions for completing this Application. To ensure the Application is Administratively Complete and will be presented to the State Transportation Board, please respond to all questions and submit all requested documents.

**Document Checklist:** the following documents required to be uploaded to complete this application (PDFs required for all uploaded documents):

1. Documentation evidencing the COG/MPO approval to apply to the AZ SMART Fund
2. Map showing Project location (for infrastructure projects and studies).
3. Documentation showing the Project cost estimates (scoping document, cost estimation form, etc.).  
**NOTE:** Careful attention should be given to developing the cost estimate as the Applicant is responsible for all costs exceeding the amount awarded from the AZ SMART Fund and/or a Federal Grant.

Email \*

thinton@townofduncan.org

## Applicant Information

Please answer all the questions below.

1. Name of Applicant City, Town or County \*

Town of Duncan

2. Name of Contact Person for Applicant \*

Terry Hinton

3. By checking the box below, the Contact Person for the Applicant certifies they have read and agree to the **Program Guidelines and Application Instructions** for the AZ SMART Fund Program. \*



I have read and agree to the Program Guidelines and Application Instructions for the AZ SMART Fund Program.

4. Contact's Title \*

Town Manager

5. Contact's Full Mailing Address \*

506 SE Old West Hwy Duncan, AZ 85334

6. Contact's Office Phone # \*

(928) 359-2791

7. Contact's Cell Phone # (if applicable)

## 8. Contact's Email Address \*

thinton@townofduncan.org

## 9. Select the Applicant's COG/MPO. \*

Southeastern Arizona Governments Organization (SEAGO) ▼

### Project Information

Please answer all the questions below.

**NOTE regarding ADOT project design administration (PDA) fees:** If requesting ADOT administration of the Project, ADOT PDA fees will apply. These fees are eligible for AZ SMART Funding only when included in an Application for Design and Other Engineering Services or for Match on a federal grant application which will include design. The PDA fees shown below are initial estimates only and may be more or less, depending on the Project. By submitting this application, the Applicant understands that ADOT may bill additional PDA fees and agrees to pay such fees. Any fees not required for the Project will be refunded to the Applicant upon approval of the Project final voucher.

- Certification Accepted (CA) agencies - \$10,000 initial fee
- Non-CA agencies - \$30,000 initial fee

## 10. Select the Project Type. \*

Road

Bridge

Transit

Rail

Other: .....



11. Project Name - enter a brief, intuitive name. \*

Town of Duncan System-Wide Resurfacing and New Surfacing


12. Enter the Project limits as applicable. If an infrastructure Project is infrastructure, provide the name of the road and "From" and "To" Mileposts or Cross Streets. If a non-infrastructure project, enter the geographic area to which the plan or study will relate. \*

The project limits include the Northern boundary of Mesquite St & Campbell St, the Eastern boundary of Carlisle Rd, the Southern boundary of 4th St and Skyline Dr and the Western boundary of Ott loop in Duncan, Arizona 85534.

13. Enter the Project's TIP number, if applicable. If the Project is not in the TIP, enter "NA". \*

NA

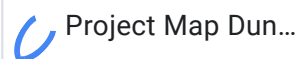
14. Submit written documentation evidencing the COG/MPO approval to submit the Project to the AZ SMART Fund program (PDF format only). \*

 Town of Dunan\_ ...

15. Project Description - Provide a concise, specific description of the Project, including the type \* of work to be performed and benefits to be realized.

The Town of Duncan requires a system-wide resurfacing of existing streets, and new surfacing of the numerous dirt roads within its town limits. The last new pavement in the town was in 1978, roughly 45 years ago, and no additional surfacing projects have taken place since that time. A substantial number of dirt roads also exist throughout the town, demonstrating the lack of development that is stifling the greater development of the Town of Duncan. This project is for Phase I of the resurfacing and new surfacing of the Town of Duncan, delivering the Design and Other Engineering Services (DOES) of an eventual system-wide approach, creating an informed and cost-accurate assessment of the project in Phase II and Phase III, while delivering a project timeline and guided approach. Because of the segmented and disparate nature of the town's limits, where there is a northern and southern section of town that is connected by Main Street/Highway 75, the town must proceed with the project in a way that does not disrupt or negatively impact its essential facilities. The proposed DOES project will inform the resurfacing of the 2,477 linear feet of town streets that comprise Duncan, while outlining a strategic approach to the Phase II and Phase III construction in a way that allows that town to continue to facilitate its normal operations, events, and business and employ a cost-effective approach.

16. For infrastructure projects, please upload a map showing the Project location (PDF format only).

 Project Map Dun...

17. Is the Project entirely in the Applicant's Right of Way? For non-infrastructure projects, check \* "Not applicable."

- Yes
- No
- Not applicable

18. If Project involves ADOT Right of Way, has the Applicant discussed the Project and obtained <sup>\*</sup> the consent of the applicable ADOT District office to proceed with this grant application? If no ADOT Right of Way or a non-infrastructure project, check "Not applicable."

- Yes
- No
- Not Applicable

19. If Project involves another jurisdiction's Right of Way, has the Applicant discussed the <sup>\*</sup> Project with applicable jurisdiction and obtained its consent to proceed with this grant application? If no other Right of Way or non-infrastructure project, check "Not applicable."

- Yes
- No
- Not applicable

20. Project Schedule - check the boxes to show the State Fiscal Years in which each phase is <sup>\*</sup> scheduled to begin. Check only ONE box in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row. **NOTE:** the State Fiscal Year runs from July 1 through June 30.

	2023	2024	2025	2026	Not Applicable
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

21. Project Status - check the boxes to indicate the status of each phase. Check only ONE box \*  
in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Scoping/Pre-Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right of Way Acquisition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

22. Design Status - for each Stage, check one box to indicate the Project's Design Status. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Stage 1, 15% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 2, 30% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 3, 60% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 4, 95% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 5, 100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Cost Estimate for Scoping/Pre-design - enter in whole dollars (for example, 250,000). Enter \* "0" if not applicable.

0

24. Enter the date of the Scoping/Pre-design estimate. Enter "NA" if not applicable. \*

NA

25. Cost Estimate for Design - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

595000

26. Enter the date of the Design estimate. Enter "NA" if not applicable. \*

2-24-2023

27. Cost Estimate for Right of Way - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

0

28. Enter the date of the Right of Way estimate. Enter "NA" if not applicable. \*

NA

29. Cost Estimate for Utilities - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

0

30. Enter the date of the Utilities estimate. Enter "NA" if not applicable. \*

NA

31. Cost Estimate for Construction - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

14000000

32. Enter the date of the Construction estimate. Enter "NA" if not applicable. \*

2-15-2023

33. Cost Estimate for Other - enter in whole dollars (for example, 250,000) . Enter "0" if not applicable. \*

0

34. Enter the date of the Other estimate. Enter "NA" if not applicable. \*

NA

35. Do the estimates provided reflect costs on a Year of Expenditure basis? Note: Year of Expenditure basis means the costs have been inflated in later years. \*

Yes

No

36. Please indicate the source of the Project Cost Estimates entered above. \*

Developed by the Applicant

Developed by an engineering consultant

Other: .....

37. Please upload documentation (PDF format only) showing the Project cost estimates (scoping document, cost estimation form, etc.).



### AZ SMART Fund Request

Please answer all the questions below.

**NOTE: Careful attention should be paid to developing a thorough and complete cost estimate on a year of expenditure basis.** The Applicant will be responsible for all costs which exceed the amount of an AZ SMART Fund or federal grant award. ADOT has developed a Project Cost Estimating Tool which is available on the AZ SMART Fund webpage under Application Materials. This tool is provided as a courtesy only and does not purport to cover all possible costs or scenarios. Applicants are ultimately responsible for determining the Project cost estimate.

Unless the NOFO/NOFA includes the option to be a direct recipient, both CA and non-CA agencies should include initial project development fees for road/bridge/rail projects. For transit projects, an administration fee of 10% of the total project cost will apply.

38. County Applicants with population of 100,000 or less and municipalities with population of 10,000 or less ONLY: Enter the amount requested for Reimbursement of up to 50% of the costs associated with developing and submitting an application for the Federal Grant identified below. **The amount entered below should be no more than 50% of the total estimated costs of developing and submitting the grant - enter in whole dollars (for example, 250,000).**

0

39. Enter the amount requested from the AZ SMART Fund for Match for the Federal Grant identified in this application - enter in whole dollars (for example, 250,000). If not requesting Match, skip this question.

.....



40. In addition to the Match amount requested from the AZ SMART Fund in the previous question, enter the dollar amount of Matching cash funds to be committed by the Applicant for the Project in the Federal Grant identified in this application. If not requesting Match, skip this question.

.....

41. Enter the percent to the second decimal place (for example, 15.05%) of Matching cash funds which will be provided by the Applicant (**beyond the amount requested from the AZ SMART Fund**) in the Federal Grant application - see Application Guidelines for directions to calculate the percentage. If not requesting Match, skip this question.

.....

42. Enter the amount requested from the AZ SMART Fund for reimbursement of design and other engineering services expenditures that meet federal design standards for Projects eligible for the Federal Grant identified in this application. Enter in whole dollars (for example, 250,000). If not requesting design funds, skip this question.

595000

.....

43. Provide the names of any other entities the Applicant will partner with to deliver the Project. Identify and quantify the contribution of each partner(s) (dollar amount of cash match, type of in-kind services, etc.). If none, enter "NA."

NA

.....

### Federal Grant

Please answer all the questions below. NOTE: Federal grants eligible under the SMART Fund are federal discretionary grant programs administered by any federal agency for SURFACE TRANSPORTATION PURPOSES.

44. How does the Applicant intend to submit the federal grant application? **Note:** If requesting ADOT to submit, the following time frames apply: \*

A. At least thirty (30) day prior to the application deadline in the NOFO for the applicable federal discretionary grant, the Applicant is required to submit the ADOT Grant Coordination Support Request Form at <https://apps.azdot.gov/files/mvd/mvd-forms-lib/42-0103.pdf>.

B. At least seven (7) days before the NOFO/NOFA deadline, the completed application materials must be provided to the ADOT Grant office for submission.

Applicant or consultant will submit directly

Applicant requests ADOT to submit

Other: .....

45. How does the Applicant intend to administer the Project if awarded a federal grant? \*

Be a direct recipient if allowed in the NOFO

Request ADOT administration (Project development administration fees will apply)

Other: .....

46. Select the Federal Grant for which the Applicant intends to submit the Project - select one grant only. If the desired grant is not listed, select Other and provide the name of the grant and the applicable federal agency. **NOTE:** This list does not include all federal discretionary grants and may contain grants that are not currently available or funded. Applicants are responsible for conducting their own research to identify an appropriate federal grant for their Project. \*

- Active Transportation Infrastructure Investment Program
- Bridge Investment Program
- Defense Community Infrastructure Pilot
- Grants for Charging and Fueling Infrastructure
- Local and Regional Project Assistance (RAISE)
- Multi State Freight Corridor Planning
- National Culvert Removal, Replacement and Restoration Grant Program
- National Infrastructure Project Assistance (MEGA)
- Nationally Significant Freight and Highway Projects (INFRA)
- PROTECT Grant Program
- Reconnecting Communities Pilot Program
- Rural Surface Transportation Grant Program
- Safe Streets and Roads for All Program (SS4A)
- Strategic Innovation for Revenue Collection
- Strengthening Mobility and Revolutionizing Transportation Grant Program
- Wildlife Crossing Safety
- Rail - Consolidated Rail Infrastructure and Safety Improvements Grants
- Rail - Fixed Guideway Capital Investment Grants
- Rail - Restoration and Enhancement Grants
- Rail - Railroad Crossing Elimination Program
- Transit - All Stations Accessibility
- Transit - Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants Program

- Transit - Buses and Bus Facilities Program
- Transit - Develop Interoperable Standards for Bus Exportable Power Systems (BEPS)
- Transit - Innovative Coordinated Access and Mobility (ICAM) Pilot Program
- Transit - Low-No Emission Vehicle Program
- Transit - Public Transportation Innovation Program
- Transit - State of Good Repair Grants Program
- Transit - Technical Assistance, Standards Development, and Workforce Development Programs
- Other: .....

47. In what Federal Fiscal Year does the Applicant intend to submit an application for the Federal Grant? **NOTE:** the Federal Fiscal Year runs from October 1 through September 30. Applications must be submitted prior to the expiration of the Infrastructure Investment and Jobs Act, currently expiring on September 30, 2026. \*

2024 .....

48. Which phase of the Project will be submitted in the Federal Grant application? \*

- Design
- Right of Way Acquisition
- Construction
- Other: .....

**For State Purposes only**

Adopted at STB meeting on \_\_\_\_\_. Action taken:

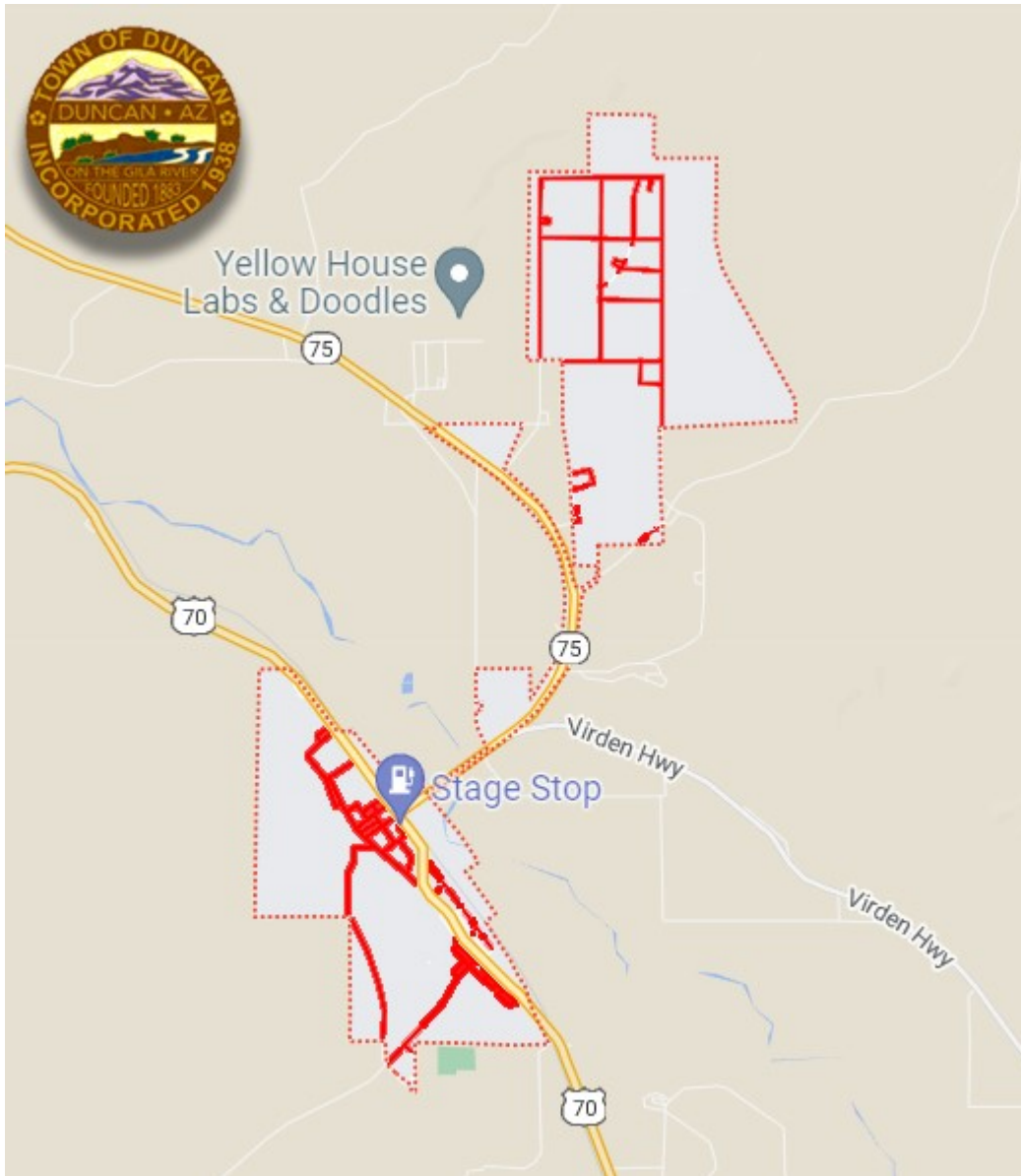
\_\_\_ Approved

\_\_\_ Denied

\_\_\_ Modified as shown in the attached document

This form was created inside of State of Arizona.

Google Forms



February 24, 2023

Terry Hinton  
Town Manager  
Town of Duncan  
506 SE Old West Hwy  
Duncan, AZ 85534  
[thinton@townofduncan.org](mailto:thinton@townofduncan.org)

**Re: Town of Duncan Road Improvement** (the "Project")  
Proposal No. 2023-016

Dear Mr. Hinton:

Bowman is pleased to provide an estimate of engineering services for the Town of Duncan. The goal is to provide an engineering estimate based on three parts of the Town of Duncan. Those include Duncan North, Duncan South, and Hunter Estates. Attached to this document, the exhibits are provided to correlate with this estimate of engineering services.

The project will include proposing road and drainage improvements to the Town of Duncan. Bowman will supply a topographic survey, geotechnical, drainage report, construction plans, cost estimate, bidding administration, and engineer of record services. This proposal will provide an estimate of engineering services. Once a defined scope of work and extent is determined, Bowman can provide a better itemization of services.

Standard of Care - Services provided by Bowman under this proposal will be performed in a manner consistent with the degree of care and skill ordinarily exercised by members of the same profession, practicing under similar circumstances, including standard of care at the time the services were provided.

Quality Control - A portion of the stated compensation is set-aside for Quality Control/Quality Assurance, which is part of the Bowman Quality Control Policy.

## **SCOPE OF SERVICES AND FEES**

The scope of services (the "Scope") and associated fees shall be as follows:

### **1. Topographic Feature Survey:**

Bowman will conduct a topographic survey of the area known as Hunter Estates, Duncan North, and Duncan South. The survey and mapping services will be of the designated roads using ground survey and UAV aerial survey methods to produce topographic and planimetric mapping for design Engineering.

Project assumptions:

- All Right-of-Way is existing and that no acquisition will be required.

- Bowman will show the property lines adjacent to the Right-of-Way for illustration purposes only. Information will be produced from the Greenlee County GIS/Assessor's Map.
- The fees do not include the setting or re-setting of any property corners, Right-of-Way, or other survey monumentation.
- Mapping will meet the national standard for 1-foot contour mapping.
- Services will produce a digital AutoCAD file that can be used for engineering design purposes; a hard copy plat map will not be produced.

**FEE: Lump Sum of \$ 60,000**

**2. Geotechnical Analysis and Report:**

Bowman will use Speedie and Associates to analyze and provide recommendations for the project site. The geotechnical will drill and sample test borings to adequately determine subsoil conditions and provide samples for laboratory testing. The testing will be conducted to properly classify the soils encountered and provide data for engineering design. The samples will provide the following conclusions and recommendations regarding:

- Groundwater conditions.
- On-site pavement design to provide economy and adequate service.
- Suitability of site soils for use as compacted fill and preferred earthwork methods, including clearing, stripping, excavation, and construction of engineered fill.
- Local excavation and trenching conditions and stability considerations.

**FEE: Lump Sum of \$ 45,000**

## Duncan North

**3. Meetings, Coordination & Site Visits:**

Bowman will attend three meetings to discuss the project and gain feedback and insight from City of Safford. The proposed meetings include:

- Project Kick-off Meeting: The kickoff meeting will discuss the improvements on East Avenue and will direct the preliminary layout.
- 30% Review Meeting: The meeting will discuss the extents of the project and the proposed improvements. This milestone will guide the design to completion.
- 60% Review Meeting: The meeting will show the client the layout. The discussion is of minor details to layout. This milestone will not be a redesign but will be based on edits to approved 30% improvements.
- Final Design: This meeting will discuss with the client the preliminary layout and the preliminary cost estimate and design fees for an approved project.

**FEE: Lump Sum of \$ 4,500**

**4. Drainage Report:**

Bowman will prepare a drainage report to accompany the Construction Plan submittal. The drainage report will include analysis of the existing flood analysis based on ADOT guidelines for



hydrology and hydraulics. The report will guide the design process and size crossings and minimum drainage requirements for drainage and applicable structures if needed.

**FEE: Lump Sum of \$ 6,500**

**5. Construction Plans:**

Bowman will provide 30%, 60% and Final Construction Plans. The plans will incorporate comments, concerns, and findings from the drainage report. The Final Construction Plans will include the necessary information for construction based on industry standards. The Final Construction Plans will be sealed and signed by an Arizona Registered Professional Engineer. It is assumed that Traffic Control Plans will be the responsibility of the Contractor. The construction plans will include the following sheets:

- Cover
- Index
- Road Sections
- Road Plan and Profiles
- Drainage Improvements & structures (if applicable)
- Detail Sheets
- Signage & Striping

**FEE: Lump Sum of \$ 65,000**

**6. Construction Cost Estimates:**

Bowman will provide the Town of Duncan with a construction cost estimate. The cost estimate will be based on current rates and past projects from Bowman and ADOT.

**FEE: Lump Sum of \$ 4,000**

**7. Technical Specifications:**

Bowman will prepare technical specifications for the Construction Drawings and bidding process. The documents will serve to direct the contractor on material selection, manufacturers specifications, and design considerations for constructability.

**FEE: Lump Sum of \$ 3,000**

**8. Bid Documents:**

Bowman will produce bid documents that will serve as the contract documents between owner and contractor. The contract documents will be used throughout the construction of the project and will guide the contractor through to completion. Bowman will utilize the 2018 EJCDC.

**FEE: Lump Sum of \$ 6,500**

**9. Bidding Assistance:**

Bowman will provide bidding assistance. The task will include the following:

- Attending the pre-bid meeting.
- Responding to contractor's questions during the bidding process.
- Issuing addendums.

- Attending the bid opening.
- Reviewing bids received for completeness.
- Issue a bidder recommendation.

**FEE: Lump Sum of \$ 10,000**

**10. Engineer of Record:**

Bowman will provide engineer of record services and technical assistance during the construction phase of the project. Bowman assumes the construction timeframe will be 20 weeks and assumes four hours per week will be dedicated to the project during construction. proposes to provide construction oversight and technical assistance as outlined below.

- Attend the project preconstruction meeting.
- Site construction inspection visits.
- Address change order requests.
- Review contractors pay requests.
- Substantial completion verification.
- Punch list creation.
- Final walk through.

**FEE: Lump Sum of \$ 14,500**

## Duncan South

### 11. **Meetings, Coordination & Site Visits:**

Bowman will attend three meetings to discuss the project and gain feedback and insight from City of Safford. The proposed meetings include:

- Project Kick-off Meeting: The kickoff meeting will discuss the improvements on East Avenue and will direct the preliminary layout.
- 30% Review Meeting: The meeting will discuss the extents of the project and the proposed improvements. This milestone will guide the design to completion.
- 60% Review Meeting: The meeting will show the client the layout. The discussion is of minor details to layout. This milestone will not be a redesign but will be based on edits to approved 30% improvements.
- Final Design: This meeting will discuss with the client the preliminary layout and the preliminary cost estimate and design fees for an approved project.

**FEE: Lump Sum of \$ 5,000**

### 12. **Drainage Report:**

Bowman will prepare a drainage report to accompany the Construction Plan submittal. The drainage report will include analysis of the existing flood analysis based on ADOT guidelines for hydrology and hydraulics. The report will guide the design process and size crossings and minimum drainage requirements for drainage and applicable structures if needed.

**FEE: Lump Sum of \$ 6,500**

### 13. **Construction Plans:**

Bowman will provide 30%, 60% and Final Construction Plans. The plans will incorporate comments, concerns, and findings from the drainage report. The Final Construction Plans will include the necessary information for construction based on industry standards. The Final Construction Plans will be sealed and signed by an Arizona Registered Professional Engineer. It is assumed that Traffic Control Plans will be the responsibility of the Contractor. The construction plans will include the following sheets:

- Cover
- Index
- Road Sections
- Road Plan and Profiles
- Drainage Improvements & structures (if applicable)
- Detail Sheets
- Signage & Striping

**FEE: Lump Sum of \$ 80,000**

### 14. **Construction Cost Estimates:**

Bowman will provide the Town of Duncan with a construction cost estimate. The cost estimate will be based on current rates and past projects from Bowman and ADOT.

**FEE: Lump Sum of \$ 4,000**

**15. Technical Specifications:**

Bowman will prepare technical specifications for the Construction Drawings and bidding process. The documents will serve to direct the contractor on material selection, manufacturers specifications, and design considerations for constructability.

**FEE: Lump Sum of \$ 3,000**

**16. Bid Documents:**

Bowman will produce bid documents that will serve as the contract documents between owner and contractor. The contract documents will be used throughout the construction of the project and will guide the contractor through to completion. Bowman will utilize the 2018 EJCDC.

**FEE: Lump Sum of \$ 6,500**

**17. Bidding Assistance:**

Bowman will provide bidding assistance. The task will include the following:

- Attending the pre-bid meeting.
- Responding to contractor's questions during the bidding process.
- Issuing addendums.
- Attending the bid opening.
- Reviewing bids received for completeness.
- Issue a bidder recommendation.

**FEE: Lump Sum of \$ 10,000**

**18. Engineer of Record:**

Bowman will provide engineer of record services and technical assistance during the construction phase of the project. Bowman assumes the construction timeframe will be 25 weeks and assumes four hours per week will be dedicated to the project for a total of 100 hours during construction. This estimate also assumes some weeks may require more time than others, but the estimated time commitment for this task will be 100 hours total. Bowman proposes to provide construction oversight and technical assistance as outlined below.

- Attend the project preconstruction meeting.
- Site construction inspection visits.
- Address change order requests.
- Review contractors pay requests.
- Substantial completion verification.
- Punch list creation.
- Final walk through.

**FEE: Lump Sum of \$ 16,000**

## Hunter Estates

### 19. **Meetings, Coordination & Site Visits:**

Bowman will attend three meetings to discuss the project and gain feedback and insight from City of Safford. The proposed meetings include:

- Project Kick-off Meeting: The kickoff meeting will discuss the improvements on East Avenue and will direct the preliminary layout.
- 30% Review Meeting: The meeting will discuss the extents of the project and the proposed improvements. This milestone will guide the design to completion.
- 60% Review Meeting: The meeting will show the client the layout. The discussion is of minor details to layout. This milestone will not be a redesign but will be based on edits to approved 30% improvements.
- Final Design: This meeting will discuss with the client the preliminary layout and the preliminary cost estimate and design fees for an approved project.

**FEE: Lump Sum of \$ 8,000**

### 20. **Drainage Report:**

Bowman will prepare a drainage report to accompany the Construction Plan submittal. The drainage report will include analysis of the existing flood analysis based on ADOT guidelines for hydrology and hydraulics. The report will guide the design process and size crossings and minimum drainage requirements for drainage and applicable structures if needed.

**FEE: Lump Sum of \$ 15,000**

### 21. **Construction Plans:**

Bowman will provide 30%, 60% and Final Construction Plans. The plans will incorporate comments, concerns, and findings from the drainage report. The Final Construction Plans will include the necessary information for construction based on industry standards. The Final Construction Plans will be sealed and signed by an Arizona Registered Professional Engineer. It is assumed that Traffic Control Plans will be the responsibility of the Contractor. The construction plans will include the following sheets:

- Cover
- Index
- Road Sections
- Road Plan and Profiles
- Drainage Improvements & structures (if applicable)
- Detail Sheets
- Signage & Striping

**FEE: Lump Sum of \$ 145,000**

### 22. **Construction Cost Estimates:**

Bowman will provide the Town of Duncan with a construction cost estimate. The cost estimate will be based on current rates and past projects from Bowman and ADOT.

**FEE: Lump Sum of \$ 5,500**

**23. Technical Specifications:**

Bowman will prepare technical specifications for the Construction Drawings and bidding process. The documents will serve to direct the contractor on material selection, manufacturers specifications, and design considerations for constructability.

**FEE: Lump Sum of \$ 3,000**

**24. Bid Documents:**

Bowman will produce bid documents that will serve as the contract documents between owner and contractor. The contract documents will be used throughout the construction of the project and will guide the contractor through to completion. Bowman will utilize the 2018 EJCDC.

**FEE: Lump Sum of \$ 6,500**

**25. Bidding Assistance:**

Bowman will provide bidding assistance. The task will include the following:

- Attending the pre-bid meeting.
- Responding to contractor's questions during the bidding process.
- Issuing addendums.
- Attending the bid opening.
- Reviewing bids received for completeness.
- Issue a bidder recommendation.

**FEE: Lump Sum of \$ 10,000**

**26. Engineer of Record:**

Bowman will provide engineer of record services and technical assistance during the construction phase of the project. Bowman assumes the construction timeframe will be 25 weeks and assumes four hours per week will be dedicated to the project for a total of 100 hours during construction. This estimate also assumes some weeks may require more time than others, but the estimated time commitment for this task will be 100 hours total. Bowman proposes to provide construction oversight and technical assistance as outlined below.

- Attend the project preconstruction meeting.
- Site construction inspection visits.
- Address change order requests.
- Review contractors pay requests.
- Substantial completion verification.
- Punch list creation.
- Final walk through.

**FEE: Lump Sum of \$ 22,000**

## FEE SUMMARY

Task	Description	Lump Sum Fee
1	Topographic Feature Survey	\$ 60,000
2	Geotechnical Analysis & Report	\$ 45,000
<b>Duncan North</b>		
3	Meetings, Coordination, and Site Visits	\$ 4,500
4	Drainage Report	\$ 6,500
5	Construction Plans	\$ 65,000
6	Construction Cost Estimate	\$ 4,000
7	Technical Specifications	\$ 3,000
8	Bid Documents	\$ 6,500
9	Bidding Assistance	\$ 10,000
10	Engineer of Record Services	\$ 14,500
<b>Sub-Total</b>		<b>\$ 114,000</b>
<b>Duncan South</b>		
11	Meetings, Coordination, and Site Visits	\$ 5,000
12	Drainage Report	\$ 6,500
13	Construction Plans	\$ 80,000
14	Construction Cost Estimate	\$ 4,000
15	Technical Specifications	\$ 3,000
16	Bid Documents	\$ 6,500
17	Bidding Assistance	\$ 10,000
18	Engineer of Record Services	\$ 16,000
<b>Sub-Total</b>		<b>\$ 131,000</b>
<b>Hunter Estates</b>		
19	Meetings, Coordination, and Site Visits	\$ 8,000
20	Drainage Report	\$ 15,000
21	Construction Plans	\$ 145,000
22	Construction Cost Estimate	\$ 5,500
23	Technical Specifications	\$ 3,000
24	Bid Documents	\$ 6,500
25	Bidding Assistance	\$ 10,000
26	Engineer of Record Services	\$ 22,000
<b>Sub-Total</b>		<b>\$ 215,000</b>
<b>Total Lump Sum Fee</b>		<b>\$ 565,000</b>

## EXCLUSIONS

The following services are specifically excluded from the scope of this agreement and may be performed as contract addendums upon request:

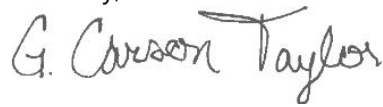
- Potholing/utility locating.
- Right-of-Way Verification
- Construction Staking

# Bowman

- Boundary Survey
- Easement Verification
- Legal Descriptions
- Compaction Testing
- Archeological Services
- Floodplain delineations
- Items not specifically delineated in the Scope.

We look forward to working with the Town of Duncan on this project. Please let me know if you have any questions, or if you would like to discuss.

Sincerely,

A handwritten signature in cursive script that reads "G. Carson Taylor". The signature is written in black ink and is positioned below the word "Sincerely,".

G. Carson Taylor, P.E.  
Engineering Manager



# Town North Phase

Consisting of High St, Main St, Hill St, Gale Ave, Madison St, & Harwell St

Legend



Google Earth

64

1000 ft



# Town South Phase

Consisting of East Ave, Center Ave, South Ave, Acacia Rd, 1st St, 2nd St, 3rd St, 4th St, 5th St, 6th St, & 7th St

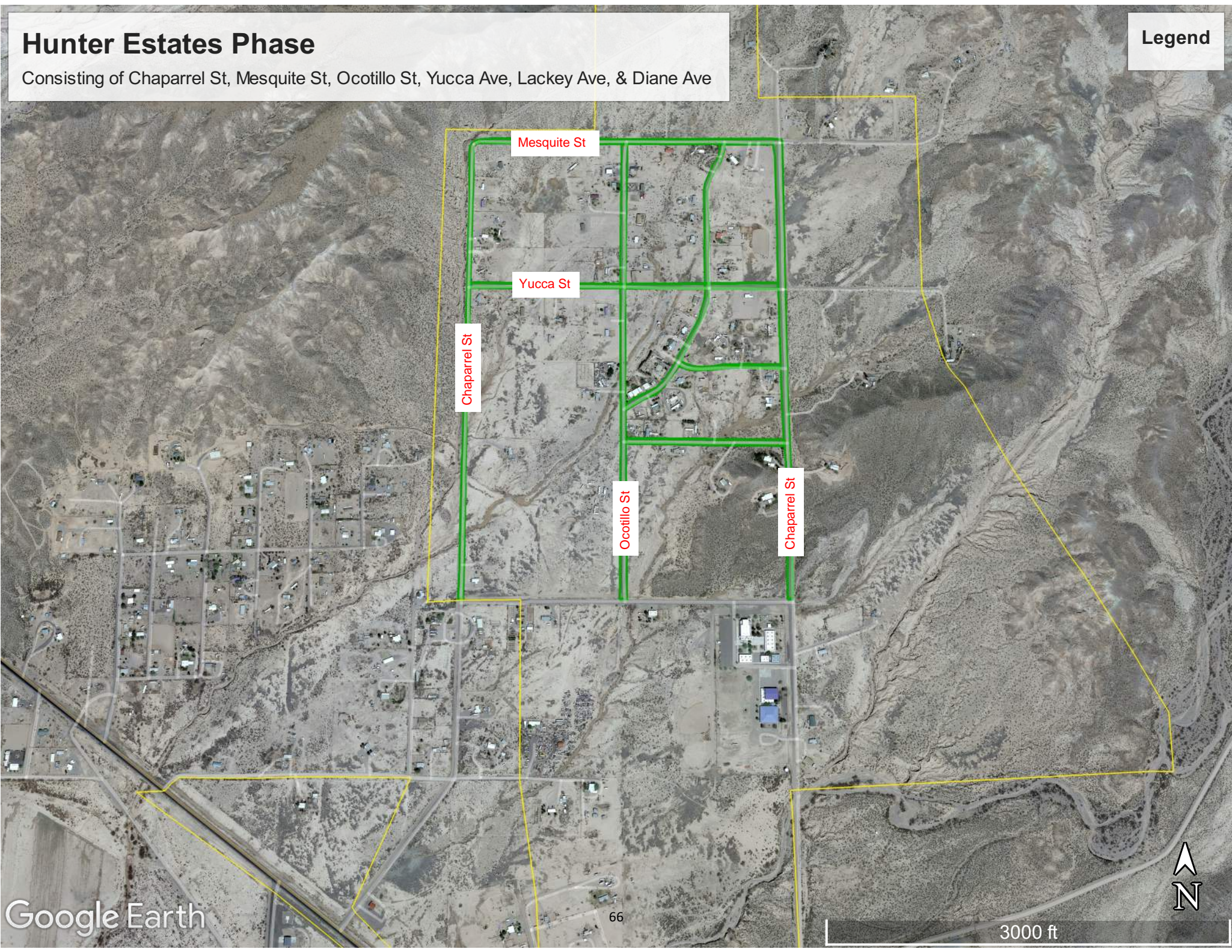
Legend



# Hunter Estates Phase

Consisting of Chaparrel St, Mesquite St, Ocotillo St, Yucca Ave, Lackey Ave, & Diane Ave

Legend



Mesquite St

Yucca St

Chaparrel St

Ocotillo St

Chaparrel St

Google Earth

66

3000 ft



# Arizona State Match Advantage for Rural Transportation (AZ SMART) Fund Application

Each application may address only one Project and one Federal Grant. Additional Projects and/or Federal Grants require a separate application. See the Application Guidelines for important information and detailed instructions for completing this Application. To ensure the Application is Administratively Complete and will be presented to the State Transportation Board, please respond to all questions and submit all requested documents.

**Document Checklist:** the following documents required to be uploaded to complete this application (PDFs required for all uploaded documents):

1. Documentation evidencing the COG/MPO approval to apply to the AZ SMART Fund
  2. Map showing Project location (for infrastructure projects and studies).
  3. Documentation showing the Project cost estimates (scoping document, cost estimation form, etc.).
- NOTE:** Careful attention should be given to developing the cost estimate as the Applicant is responsible for all costs exceeding the amount awarded from the AZ SMART Fund and/or a Federal Grant.

Email \*

JTorres@sanluisaz.gov

## Applicant Information

Please answer all the questions below.

1. Name of Applicant City, Town or County \*

City of San Luis

2. Name of Contact Person for Applicant \*

Jenny Torres

3. By checking the box below, the Contact Person for the Applicant certifies they have read and agree to the **Program Guidelines and Application Instructions** for the AZ SMART Fund Program. \*



I have read and agree to the Program Guidelines and Application Instructions for the AZ SMART Fund Program.

4. Contact's Title \*

Deputy City Manager

5. Contact's Full Mailing Address \*

1090 E. Union Street, PO Box 1170, San Luis, AZ 85349

6. Contact's Office Phone # \*

928-341-8584

7. Contact's Cell Phone # (if applicable)

928-920-4829

## 8. Contact's Email Address \*

JTorres@sanluisaz.gov

## 9. Select the Applicant's COG/MPO. \*

Western Arizona Council of Governments (WACOG) ▼

### Project Information

Please answer all the questions below.

**NOTE regarding ADOT project design administration (PDA) fees:** If requesting ADOT administration of the Project, ADOT PDA fees will apply. These fees are eligible for AZ SMART Funding only when included in an Application for Design and Other Engineering Services or for Match on a federal grant application which will include design. The PDA fees shown below are initial estimates only and may be more or less, depending on the Project. By submitting this application, the Applicant understands that ADOT may bill additional PDA fees and agrees to pay such fees. Any fees not required for the Project will be refunded to the Applicant upon approval of the Project final voucher.

- Certification Accepted (CA) agencies - \$10,000 initial fee
- Non-CA agencies - \$30,000 initial fee

## 10. Select the Project Type. \*

Road

Bridge

Transit

Rail

Other: .....

11. Project Name - enter a brief, intuitive name. \*

Caesar Chavez Blvd Improvement


12. Enter the Project limits as applicable. If an infrastructure Project is infrastructure, provide the name of the road and "From" and "To" Mileposts or Cross Streets. If a non-infrastructure project, enter the geographic area to which the plan or study will relate. \*

Caesar Chavez Blvd from San Luis Plaza Dr./Escondido St. to Avenue E

13. Enter the Project's TIP number, if applicable. If the Project is not in the TIP, enter "NA". \*

SL 12-10C

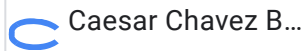
14. Submit written documentation evidencing the COG/MPO approval to submit the Project to the AZ SMART Fund program (PDF format only). \*

 YMPO Letter of S...

15. Project Description - Provide a concise, specific description of the Project, including the type of work to be performed and benefits to be realized. \*

The City of San Luis has experienced a tremendous growth for the past 25 years. Caesar Chavez Blvd. (formerly Juan Sanchez Blvd.) is currently a 2-lane roadway. The project is to widen the street to a 4-lane with raised center median. Roadway will have curbs, gutter, storm drains and 2 retention basins. It will also include 3 intersection traffic signals, one roundabout, continuous bicycle lanes, sidewalks, and streetlights. Fiber conduits will be installed for fiber cables to be installed by service providers. The improvement will provide a safe multi-modal transportation need for the growth of the city. This connectivity will provide a safe access to schools and shopping. The project will enhance traffic circulation, reduce congestion, and provide connectivity between the two Ports of Entry.

16. For infrastructure projects, please upload a map showing the Project location (PDF format only).

 Caesar Chavez B...

17. Is the Project entirely in the Applicant's Right of Way? For non-infrastructure projects, check \*  
"Not applicable."

- Yes
- No
- Not applicable

18. If Project involves ADOT Right of Way, has the Applicant discussed the Project and obtained \*  
the consent of the applicable ADOT District office to proceed with this grant application? If no  
ADOT Right of Way or a non-infrastructure project, check "Not applicable."

- Yes
- No
- Not Applicable

19. If Project involves another jurisdiction's Right of Way, has the Applicant discussed the \*  
Project with applicable jurisdiction and obtained its consent to proceed with this grant  
application? If no other Right of Way or non-infrastructure project, check "Not applicable."

- Yes
- No
- Not applicable



20. Project Schedule - check the boxes to show the State Fiscal Years in which each phase is scheduled to begin. Check only ONE box in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row. **NOTE:** the State Fiscal Year runs from July 1 through June 30. \*

	2023	2024	2025	2026	Not Applicable
Design	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

21. Project Status - check the boxes to indicate the status of each phase. Check only ONE box \*  
in each row. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Scoping/Pre-Design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Right of Way Acquisition	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Environmental	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other (for non-infrastructure projects)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

22. Design Status - for each Stage, check one box to indicate the Project's Design Status. Non-infrastructure projects - check the boxes under Not Applicable for each row.

	Not started	In progress	Completed	Not Applicable
Stage 1, 15% design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stage 2, 30% design	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stage 3, 60% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 4, 95% design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stage 5, 100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

23. Cost Estimate for Scoping/Pre-design - enter in whole dollars (for example, 250,000). Enter \* "0" if not applicable.

0

24. Enter the date of the Scoping/Pre-design estimate. Enter "NA" if not applicable. \*

0

25. Cost Estimate for Design - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

4,059,968

26. Enter the date of the Design estimate. Enter "NA" if not applicable. \*

9/28/2022

27. Cost Estimate for Right of Way - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

500,000

28. Enter the date of the Right of Way estimate. Enter "NA" if not applicable. \*

9/28/2022

29. Cost Estimate for Utilities - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

1,000,000

30. Enter the date of the Utilities estimate. Enter "NA" if not applicable. \*

9/28/2022

31. Cost Estimate for Construction - enter in whole dollars (for example, 250,000). Enter "0" if not applicable. \*

50,749,600

32. Enter the date of the Construction estimate. Enter "NA" if not applicable. \*

9/28/2022

33. Cost Estimate for Other - enter in whole dollars (for example, 250,000) . Enter "0" if not applicable. \*

0

34. Enter the date of the Other estimate. Enter "NA" if not applicable. \*

NA

35. Do the estimates provided reflect costs on a Year of Expenditure basis? Note: Year of Expenditure basis means the costs have been inflated in later years. \*

Yes

No

36. Please indicate the source of the Project Cost Estimates entered above. \*

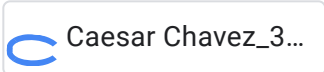
Developed by the Applicant

Developed by an engineering consultant

Other: .....

37. Please upload documentation (PDF format only) showing the Project cost estimates (scoping document, cost estimation form, etc.).

\*



### AZ SMART Fund Request

Please answer all the questions below.

**NOTE: Careful attention should be paid to developing a thorough and complete cost estimate on a year of expenditure basis.** The Applicant will be responsible for all costs which exceed the amount of an AZ SMART Fund or federal grant award. ADOT has developed a Project Cost Estimating Tool which is available on the AZ SMART Fund webpage under Application Materials. This tool is provided as a courtesy only and does not purport to cover all possible costs or scenarios. Applicants are ultimately responsible for determining the Project cost estimate.

Unless the NOFO/NOFA includes the option to be a direct recipient, both CA and non-CA agencies should include initial project development fees for road/bridge/rail projects. For transit projects, an administration fee of 10% of the total project cost will apply.

38. County Applicants with population of 100,000 or less and municipalities with population of 10,000 or less ONLY: Enter the amount requested for Reimbursement of up to 50% of the costs associated with developing and submitting an application for the Federal Grant identified below. **The amount entered below should be no more than 50% of the total estimated costs of developing and submitting the grant - enter in whole dollars (for example, 250,000).**

.....

39. Enter the amount requested from the AZ SMART Fund for Match for the Federal Grant identified in this application - enter in whole dollars (for example, 250,000). If not requesting Match, skip this question.

.....

40. In addition to the Match amount requested from the AZ SMART Fund in the previous question, enter the dollar amount of Matching cash funds to be committed by the Applicant for the Project in the Federal Grant identified in this application. If not requesting Match, skip this question.

.....

41. Enter the percent to the second decimal place (for example, 15.05%) of Matching cash funds which will be provided by the Applicant (**beyond the amount requested from the AZ SMART Fund**) in the Federal Grant application - see Application Guidelines for directions to calculate the percentage. If not requesting Match, skip this question.

.....

42. Enter the amount requested from the AZ SMART Fund for reimbursement of design and other engineering services expenditures that meet federal design standards for Projects eligible for the Federal Grant identified in this application. Enter in whole dollars (for example, 250,000). If not requesting design funds, skip this question.

2,859,968

.....

43. Provide the names of any other entities the Applicant will partner with to deliver the Project. Identify and quantify the contribution of each partner(s) (dollar amount of cash match, type of in-kind services, etc.). If none, enter "NA."

.....

**Federal Grant**

Please answer all the questions below. NOTE: Federal grants eligible under the SMART Fund are federal discretionary grant programs administered by any federal agency for SURFACE TRANSPORTATION PURPOSES.

44. How does the Applicant intend to submit the federal grant application? **Note:** If requesting ADOT to submit, the following time frames apply: \*

A. At least thirty (30) day prior to the application deadline in the NOFO for the applicable federal discretionary grant, the Applicant is required to submit the ADOT Grant Coordination Support Request Form at <https://apps.azdot.gov/files/mvd/mvd-forms-lib/42-0103.pdf>.

B. At least seven (7) days before the NOFO/NOFA deadline, the completed application materials must be provided to the ADOT Grant office for submission.

Applicant or consultant will submit directly

Applicant requests ADOT to submit

Other: .....

45. How does the Applicant intend to administer the Project if awarded a federal grant? \*

Be a direct recipient if allowed in the NOFO

Request ADOT administration (Project development administration fees will apply)

Other: .....



46. Select the Federal Grant for which the Applicant intends to submit the Project - select one grant only. If the desired grant is not listed, select Other and provide the name of the grant and the applicable federal agency. **NOTE:** This list does not include all federal discretionary grants and may contain grants that are not currently available or funded. Applicants are responsible for conducting their own research to identify an appropriate federal grant for their Project. \*

- Active Transportation Infrastructure Investment Program
- Bridge Investment Program
- Defense Community Infrastructure Pilot
- Grants for Charging and Fueling Infrastructure
- Local and Regional Project Assistance (RAISE)
- Multi State Freight Corridor Planning
- National Culvert Removal, Replacement and Restoration Grant Program
- National Infrastructure Project Assistance (MEGA)
- Nationally Significant Freight and Highway Projects (INFRA)
- PROTECT Grant Program
- Reconnecting Communities Pilot Program
- Rural Surface Transportation Grant Program
- Safe Streets and Roads for All Program (SS4A)
- Strategic Innovation for Revenue Collection
- Strengthening Mobility and Revolutionizing Transportation Grant Program
- Wildlife Crossing Safety
- Rail - Consolidated Rail Infrastructure and Safety Improvements Grants
- Rail - Fixed Guideway Capital Investment Grants
- Rail - Restoration and Enhancement Grants
- Rail - Railroad Crossing Elimination Program
- Transit - All Stations Accessibility
- Transit - Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grants Program

- Transit - Buses and Bus Facilities Program
- Transit - Develop Interoperable Standards for Bus Exportable Power Systems (BEPS)
- Transit - Innovative Coordinated Access and Mobility (ICAM) Pilot Program
- Transit - Low-No Emission Vehicle Program
- Transit - Public Transportation Innovation Program
- Transit - State of Good Repair Grants Program
- Transit - Technical Assistance, Standards Development, and Workforce Development Programs
- Other: .....

47. In what Federal Fiscal Year does the Applicant intend to submit an application for the Federal Grant? **NOTE:** the Federal Fiscal Year runs from October 1 through September 30. Applications must be submitted prior to the expiration of the Infrastructure Investment and Jobs Act, currently expiring on September 30, 2026. \*

2023 .....

48. Which phase of the Project will be submitted in the Federal Grant application? \*

- Design
- Right of Way Acquisition
- Construction
- Other: .....

**For State Purposes only**

Adopted at STB meeting on \_\_\_\_\_. Action taken:

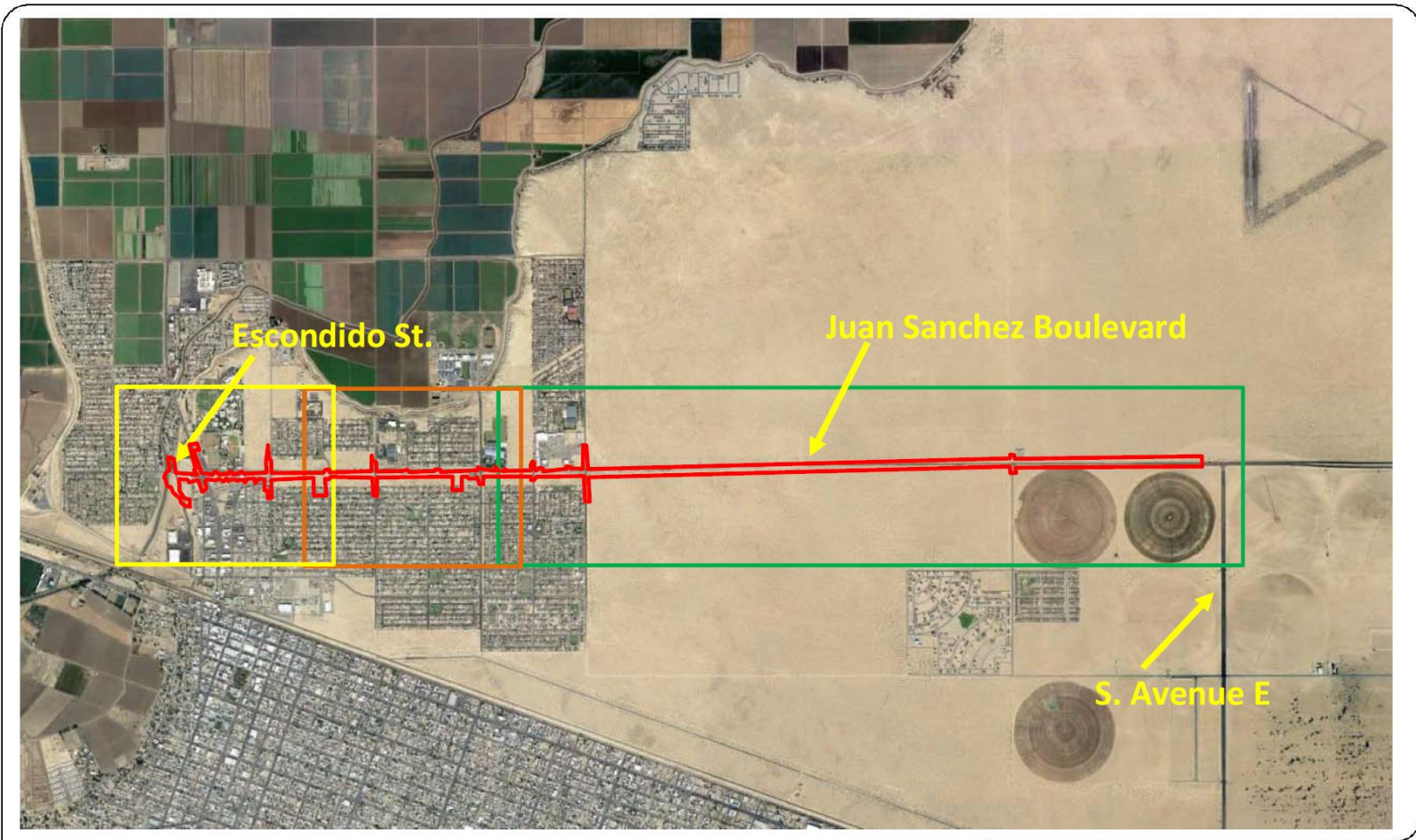
\_\_\_ Approved

\_\_\_ Denied

\_\_\_ Modified as shown in the attached document

This form was created inside of State of Arizona.

Google Forms



**Legend**



Project Area



- Item 1A



- Item 1B



- Item 1C



(not to scale)



Engineering and Environmental Consultants, Inc.  
555 E. River Road, Suite 301 | Tucson, AZ 85704  
Tel 520.321.4625 | Fax: 520.321.0333

**Item 1 - Project Location Map**

**Juan Sanchez Boulevard PISA**

Juan Sanchez Boulevard:  
US 195 to SR95, Escondido St. to Avenue E  
San Luis, Yuma County, Arizona

DES: KC | DR: KC | CK: JB | SHT 1 | OF 4

**Arizona Department of Transportation**  
**Estimated Engineering Construction Cost**

**Itemized Estimate**

**Project Number:** SLS-0(203)T SZ018 03D

**Location:** JUAN SANCHEZ BLVD IMPROVEMENTS FROM US 95 TO SR 195

**Version:** PHASE II COST ESTIMATE

**Date:** September 28, 2022

Item No	Item Description	Unit	Quantity	Unit Price	Amount
<b>Removals</b>					
2020001	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	L.SUM	1	\$65,000.00	\$65,000
2020020	REMOVAL OF CONCRETE CURB	L.FT.	350	\$15.00	\$5,250
2020021	REMOVAL OF CONCRETE CURB AND GUTTER	L.FT.	9,696	\$15.00	\$145,440
2020025	REMOVAL OF CONCRETE SIDEWALKS, DRIVEWAYS AND SLABS	SQ.FT.	59,627	\$5.00	\$298,135
2020029	REMOVAL OF ASPHALTIC CONCRETE PAVEMENT	SQ.YD.	138,307	\$6.00	\$829,842
2020031	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT	SQ.YD.	103	\$50.00	\$5,150
2020034	REMOVAL OF SIGNS	L.SUM	1	\$6,500.00	\$6,500
2020055	REMOVE AND SALVAGE (STREET LIGHTS)	L.SUM	1	\$13,000.00	\$13,000
2020101	REMOVE FENCE	L.FT.	639	\$5.00	\$3,195
				<b>REMOVALS SUBTOTAL</b>	<b>\$1,371,500</b>
<b>Roadway</b>					
2030301	ROADWAY EXCAVATION	CU.YD.	147,707	\$15.00	\$2,215,605
2030401	DRAINAGE EXCAVATION	CU.YD.	29,396	\$16.00	\$470,336
2090005	FURNISH WATER	M.GAL.	148	\$8.00	\$1,184
3030022	AGGREGATE BASE, CLASS 2	CU.YD.	50,333	\$65.00	\$3,271,645
4010028	PORTLAND CEMENT CONCRETE PAVEMENT (FOR BUS BAY)	SQ.YD.	855	\$120.00	\$102,600
4040111	BITUMINOUS TACK COAT	TON	76	\$900.00	\$68,400
4040116	APPLY BITUMINOUS TACK COAT	HOUR	130	\$250.00	\$32,500
4040125	FOG COAT	TON	76	\$1,200.00	\$91,200
4040163	BLOTTER MATERIAL	TON	227	\$45.00	\$10,215
4040230	ASPHALT BINDER (	TON	3,269	\$1,300.00	\$4,249,700
4060006	ASPHALTIC CONCRETE (3/4" MIX)	TON	62,860	\$75.00	\$4,714,500
4060026	MINERAL ADMIXTURE (FOR 3/4" MIX)	TON	629	\$90.00	\$56,610
5011053	PIPE, REINFORCED CONCRETE, CLASS III, 48"	L.FT.	230	\$530.00	\$121,900
5012518	STORM DRAIN PIPE, 18"	L.FT.	1,710	\$150.00	\$256,500
5012524	STORM DRAIN PIPE, 24"	L.FT.	3,779	\$160.00	\$604,640
5012530	STORM DRAIN PIPE, 30"	L.FT.	220	\$180.00	\$39,600
5014118	FLARED END SECTION (18") (C-13.20)	EACH	1	\$2,500.00	\$2,500
5014124	FLARED END SECTION (24") (C-13.20)	EACH	6	\$2,700.00	\$16,200
5014136	FLARED END SECTION (36") (C-13.20)	EACH	3	\$3,000.00	\$9,000
5030604	CONCRETE CATCH BASIN (15.40, TYPE 5)	EACH	29	\$8,000.00	\$232,000
5030606	CONCRETE CATCH BASIN (15.10, TYPE 1, DOUBLE)	EACH	10	\$7,500.00	\$75,000
5050001	MANHOLE (C-18.10) (NO. 1) (FOR PIPES 6" TO 36")	EACH	24	\$12,000.00	\$288,000
5050201	RESET FRAME AND COVER FOR MANHOLE	EACH	32	\$700.00	\$22,400
6016088	HEADWALL (SD-6.30-3)	EACH	1	\$7,500.00	\$7,500
6080101	MISCELLANEOUS WORK (SIGNS)	L.SUM	1	\$65,000.00	\$65,000
7040072	PAVEMENT MARKING (TRANSVERSE) (THERMOPLASTIC) (ALKYD) (0.090")	L.FT.	142,000	\$1.00	\$142,000
7060001	PAVEMENT MARKER, RAISED (REFLECTIVE)	EACH	4,550	\$5.00	\$22,750
7320290	ELECTRICAL CONDUIT (2" ITS/SIGNAL INTERCONNECT)	L.SUM	1	\$200,000.00	\$200,000
7330031	TRAFFIC SIGNAL (4TH AVENUE, 6TH AVENUE, AND 10TH AVENUE)	EACH	3	\$300,000.00	\$900,000
7330031	TRAFFIC SIGNAL (MODIFY SIGNAL AT US 95)	EACH	1	\$325,000.00	\$325,000
7330032	TRAFFIC SIGNAL (MODIFY SIGNAL AT 8TH AVENUE)	EACH	1	\$200,000.00	\$200,000
7330033	TRAFFIC SIGNAL (MODIFY SIGNAL AT AVENUE F)	EACH	1	\$130,000.00	\$130,000
7330550	REMOVE AND SALVAGE TRAFFIC SIGNALS AND LOAD CENTER CABINETS	L.SUM	1	\$65,000.00	\$65,000
7360300	ROADWAY LIGHTING	L.SUM	1	\$750,000.00	\$750,000
8030103	DECOMPOSED GRANITE	SQ.YD.	17,352	\$8.00	\$138,816
8080655	RELOCATE FIRE HYDRANT	EACH	7	\$5,000.00	\$35,000
8080695	CONCRETE PIPE PLUG	EACH	1	\$800.00	\$800
9020004	CHAIN LINK FENCE, TYPE 1 (72")	LF	3,726	\$40.00	\$149,040
9080101	CONCRETE CURB AND GUTTER, TYPE A (MAG DET. 220)	L.FT.	21,708	\$50.00	\$1,085,400
9080103	CONCRETE CURB AND GUTTER, TYPE C (MAG DET. 220)	L.FT.	292	\$50.00	\$14,600
9080108	CONCRETE SINGLE CURB (MAG DET. 222)(TYPE A) (	L.FT.	19,893	\$45.00	\$895,185
9080241	CONCRETE SIDEWALK (MAG DET. 230 & 231)	SQ.FT.	101,124	\$15.00	\$1,516,860
9080295	CONCRETE SIDEWALK RAMP	SQ.FT.	871	\$15.00	\$13,065
9080296	CONCRETE SIDEWALK RAMP (STD C-05.10, TYPE E)	EACH	1	\$4,200.00	\$4,200
9080297	CONCRETE SIDEWALK RAMP (STD C-05.10, TYPE A)	SQ.FT.	5,515	\$15.00	\$82,725

**Arizona Department of Transportation**  
**Estimated Engineering Construction Cost**

**Itemized Estimate**

**Project Number:** SLS-0(203)T SZ018 03D

**Location:** JUAN SANCHEZ BLVD IMPROVEMENTS FROM US 95 TO SR 195

**Version:** PHASE II COST ESTIMATE

**Date:** September 28, 2022

9080298	CONCRETE SIDEWALK RAMP (DETAIL A)	EACH	1	\$4,200.00	\$4,200
9080299	CONCRETE SIDEWALK RAMP (STD C-05.10, TYPE C)	SQ.FT.	558	\$15.00	\$8,370
9080350	CONCRETE DRIVEWAY (MAG DET. 250)	SQ.FT.	2,210	\$20.00	\$44,200
9100008	CONCRETE BARRIER (SD-1.01)	L.FT.	332	\$170.00	\$56,440
9100009	CONCRETE BARRIER (C-10.54)	L.FT.	293	\$160.00	\$46,880
9140153	RETAINING WALL (	SQ.FT.	4,660	\$100.00	\$466,000
9210100	CONCRETE UNIT PAVERS	SQ.YD.	1,538	\$140.00	\$215,320
9240119	MISCELLANEOUS WORK (ADJUST VALVE TO GRADE)	EACH	106	\$550.00	\$58,300
				<b>ROADWAY SUBTOTAL</b>	<b>\$24,594,900</b>

**REMOVALS + ROADWAY SUBTOTAL \$25,966,400**

	MAINTENANCE AND PROTECTION OF TRAFFIC (15%)	COST	15%		\$3,894,960
	QUALITY CONTROL (1%)	COST	1%		\$259,664
	CONSTRUCTION SURVEYING AND LAYOUT (1.5%)	COST	1.5%		\$389,496
	EROSION CONTROL AND POLLUTION PREVENTION (1%)	COST	1%		\$259,664
	MOBILIZATION (10%)	COST	10%		\$2,596,640
	UNIDENTIFIED ITEMS (30%)	COST	30%		\$7,789,920
				<b>SUBTOTAL</b>	<b>\$41,156,700</b>

	AC SMOOTHNESS INCENTIVE	LANE MILE	21	\$8,000.00	\$168,000
	ASPHALTIC CONCRETE MATERIALS QUALITY INCENTIVE	TON	62,860	\$3.00	\$188,580
	CONSTRUCTION ENGINEERING (15%)	COST	15%		\$6,173,505
	COMMUNICATIONS	L.SUM	1	\$5,000.00	\$5,000
	CONSTRUCTION CONTINGENCIES (5%)	COST	5%		\$2,057,835
				<b>SUBTOTAL</b>	<b>\$49,749,600</b>

	UTILITY RELOCATION	L.SUM	1	\$1,000,000.00	\$1,000,000
				<b>SUBTOTAL</b>	<b>\$50,749,600</b>

	ADOT PDA FEE	L.SUM	1	\$30,000.00	\$30,000
	FINAL DESIGN SERVICES (8%)	COST	8%		\$4,059,968

**TOTAL PROJECT COST \$54,839,600**

<b>Summary</b>	
	<b>Section</b>
	<b>Total</b>
<b>Total Project Cost</b>	
	<b>\$54,839,600</b>

## 6. FUTURE MEETINGS

Listed below are the next regularly scheduled meetings of the Priority Planning Advisory Committee (PPAC). Meetings will be held in the ADOT Board Room, however, times, dates, and location may change and will be announced at the time of the distribution of the agenda.

- April 5, 2023 10:00am Wednesday
- May 4, 2023 11:00am Thursday
- May 31, 2023 10:00am Wednesday
- July 5, 2023 10:00am Wednesday
- August 2, 2023 10:00am Wednesday
- August 30, 2023 10:00am Wednesday
- October 4, 2023 10:00am Wednesday
- November 1, 2023 10:00am Wednesday
- November 29, 2023 10:00am Wednesday

## 7. **ADJOURN PRIORITY PLANNING ADVISORY COMMITTEE MEETING**

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### WEB LINKS FOR REFERENCE

*Priority Programming Website:*

<https://azdot.gov/about/boards-and-committees/priority-planning-advisory-committee>

*PPAC Meeting Dates:*

<https://azdot.gov/about/boards-and-committees/priority-planning-advisory-committee/meeting-schedule-ppac>