

**Salt River Pima-Maricopa Indian Community - SRVIC Pave Dirt Roads
PART A - CONTACT AND PROJECT DESCRIPTION
(All Items are Required, Unless Identified as 'Optional')**

Contact Information

1. Agency Name	Salt River Pima-Maricopa Indian Community
2. Name:	Pamela Tracy
3. Phone:	(480) 362-7934
4. E-Mail:	Pamela.Tracy@srvmic-nsn.gov
5. Mailing Address:	SRVIC Public Works Department
	10005 E Osborn Road
	Scottsdale, AZ 85256

Project Description

6. Please provide the Project Title.	SRVIC Pave Dirt Roads
7. Please provide a general description of the project.	The SRVIC will pave 2 miles of dirt roads. The roads are Vista Drive, Highland Avenue, Earl Drive, Westwood Street, Sycamore Street and Palm Lane. Waterline will be installed for 2 miles at 100% local share.
8. Please attach a map showing the location(s) of the roadway(s), alley(s) or shoulder(s) to be paved.	Please attach map with transmittal
9. Please enter the number of segments to be included in the project (See definition of segments below).	6
10. Please review the PM-10 Monitor Locations to verify that the proposed project is in the nonattainment area. Enter 'Yes' or 'No'. Link to PM-10 Monitor Locations Map	Yes

Site Visit Information

11. It is required that the member agency proposing a project to be funded with federal funds has completed a site visit of the project within 60 days prior to the application due date. This is to help ensure familiarity with the project as it relates to eligibility, readiness, environmental issues, right of way/ownership issues, and utility conflicts.

a. Name of Person who completed site visit	Pamela Tracy
b. Date site visit completed	9/15/2017
c. Pictures of the site visit are required.	Please attach pictures with transmittal

Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART A - CONTACT AND PROJECT DESCRIPTION
(All Items are Required, Unless Identified as 'Optional')

SEGMENTS: Each project will include one or more segments of roadway, alley or shoulder to be improved. A segment is defined as either:

- a. A length of roadway, alley or shoulder to be improved with fixed starting and ending limit that has a relatively uniform cross section, or
- b. Discontinuous shoulder improvements along a continuous length of roadway with a fixed starting and ending limit that has a relatively uniform cross section.

The segment may curve or change direction, but must be continuous and have a relatively uniform cross section. **PART B MUST BE SUBMITTED FOR EACH SEGMENT OF THE PROJECT. If a MAG member agency is paving 'Various Locations', these must be defined and noted as separate Segments.**

(OPTIONAL)

If the applicant will be providing a GIS coverage (shapefile or geodatabase), please see the tab labeled "GIS Transmittal Instructions)

[GIS Submittal Instructions](#)

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRVIC Pave Dirt Roads
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 1
1. Segment Location - Include segment beginning and ending limits	Vista Drive - Alma School Road to Extension Road
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.5
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	0
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder within 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRVIC Senior Center, respectively.
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppressants?	Unpaved in fair condition with gravel surface.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Rural local week day traffic taken 9/11/17
8. Current Average Traffic (ADT)	139
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up west of Extension Road at Vista Drive (west of the stop sign).

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed

No

ROW to be acquired

Yes

Owners will donate ROW

No

Condemnation may be required

No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage

Yes

Power Lines & Cables

Yes

Pipelines, Sewer and Water

Yes

Private Structures

No

Other (Describe)

None

14. Please describe any utility conflicts that will need to be addressed.

No conflicts.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Section 2 - Proposed Improvements	Segment 1
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	No
Subdivision Street	No
Alley	No
Shoulders	No
Other (Describe)	
2. Please describe the work to be performed on the segment:	Grade and pave the unpaved roadway.
3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
4. (Optional for shoulder and alley paving, required for road paving) Please describe vertical alignment changes.	None
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	West of Westwood Street, the road may need to shift north to line up with the section east of Westwood Street.
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	35 mph
7. Please describe the type of paving for the segment.	Construct 2" on 6" ABC
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No
Fencing	No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Install 8" waterline for 0.50 mile of this segment (100% local share).
9. Please describe the non paving improvements to be included in the segment	Install 8" PVC waterline from Alma School Road to Extension Road. Local share cost at 100% for this waterline.
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	16

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 2
1. Segment Location - Include segment beginning and ending limits	Highland Avenue - Dobson Road to Longmore Road
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.5
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	0
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRPMIC Senior Center, respectively.
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	Unpaved dirt road, minimal gravel present. Fair condition.
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	Rural local week day traffic taken 9/7/17
8. Current Average Traffic (ADT)	169
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up at Highland Avenue and Dobson Road (on Highland Avenue east of the stop sign).

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed

No

ROW to be acquired

Yes

Owners will donate ROW

No

Condemnation may be required

No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage

Yes

Power Lines & Cables

Yes

Pipelines, Sewer and Water

Yes

Private Structures

No

Other (Describe)

None

14. Please describe any utility conflicts that will need to be addressed.

No conflicts.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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Section 2 - Proposed Improvements

Segment 2

1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road

Yes

Urban Road

No

Subdivision Street

No

Alley

No

Shoulders

No

Other (Describe)

2. Please describe the work to be performed on the segment:

Grade and pave the unpaved roadway.

3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

4. **(Optional for shoulder and alley paving, required for road paving)** Please describe vertical alignment changes.

None.

5. **(Optional for shoulder and alley paving, required for road paving)** Please describe horizontal alignment changes.

The west end of Highland Avenue will need to be shifted north.

6. **(Optional for shoulder and alley paving, required for road paving)** Design speed of the after construction segment.

35

7. Please describe the type of paving for the segment.

Construct 2" on 6" ABC

8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Sidewalks

No

Fencing

No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Install 8" waterline for 0.50 mile of this segment (100% local share).
9. Please describe the non paving improvements to be included in the segment	Install 8" PVC waterline from Dobson Road to Longmore Road. Local share cost at 100% for this waterline.
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	13

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 3
1. Segment Location - Include segment beginning and ending limits	Earll Drive - Westwood Drive to Extension Road
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.25
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	0
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRPMIC Senior Center, respectively.
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	Unpaved gravel road in fair condition.
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	Rural local traffic taken on 9/5/17.
8. Current Average Traffic (ADT)	205
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up at Earll Drive and Extension Road (on Earll Drive west of the stop sign).

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed	No
ROW to be acquired	Yes
Owners will donate ROW	No
Condemnation may be required	No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage	Yes
Power Lines & Cables	Yes
Pipelines, Sewer and Water	Yes
Private Structures	No
Other (Describe)	
None	

14. Please describe any utility conflicts that will need to be addressed.

No conflicts.

**Salt River Pima-Maricopa Indian Community - SRVIC Pave Dirt Roads
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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Section 2 - Proposed Improvements

Segment 3

1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road

Yes

Urban Road

No

Subdivision Street

No

Alley

No

Shoulders

No

Other (Describe)

2. Please describe the work to be performed on the segment:

Grade and pave the unpaved roadway.

3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

4. **(Optional for shoulder and alley paving, required for road paving)** Please describe vertical alignment changes.

None.

5. **(Optional for shoulder and alley paving, required for road paving)** Please describe horizontal alignment changes.

None.

6. **(Optional for shoulder and alley paving, required for road paving)** Design speed of the after construction segment.

35

7. Please describe the type of paving for the segment.

Construct 2" AC on 6" ABC.

8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Sidewalks

No

Fencing

No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Abandon existing 6" waterline; install 8" PVC waterline from Westwood Drive to Extension Road (100% local share).
9. Please describe the non paving improvements to be included in the segment	Install 8" waterline for 0.25 mile of this segment (100% local share).
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	12

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 4			
1. Segment Location - Include segment beginning and ending limits	Westwood Drive - Thomas Road to Earll Drive			
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	<table border="1"> <tr> <td data-bbox="808 814 1580 898"></td> </tr> <tr> <td align="center" data-bbox="808 898 1580 972">0.25</td> </tr> <tr> <td align="center" data-bbox="808 972 1580 1108">0</td> </tr> </table>		0.25	0
0.25				
0				
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal			
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.				
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRPMIC Senior Center, respectively.			
<p align="center">Link to PM1- Monitors Map on the MAG Website</p>				
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppressants?	Unpaved gravel road in fair condition.			
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	Rural local traffic taken on 9/1/17.			
8. Current Average Traffic (ADT)	324			
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up at Thomas Road and Westwood Drive (on Westwood Drive north of the stop sign).			

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed

No

ROW to be acquired

Yes

Owners will donate ROW

No

Condemnation may be required

No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage

No

Power Lines & Cables

Yes

Pipelines, Sewer and Water

Yes

Private Structures

No

Other (Describe)

None

14. Please describe any utility conflicts that will need to be addressed.

No conflicts at this time.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Section 2 - Proposed Improvements	Segment 4
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	Yes
Urban Road	No
Subdivision Street	No
Alley	No
Shoulders	No
Other (Describe)	

2. Please describe the work to be performed on the segment:	Grade and pave the unpaved roadway.
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3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

4. (Optional for shoulder and alley paving, required for road paving) Please describe vertical alignment changes.	None
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5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	The road will need to shift to the west approximately 10-20 feet.
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6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	35
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7. Please describe the type of paving for the segment.	Construct 2" AC on 6" ABC.
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8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Sidewalks	No
Fensing	No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Install 8" PVC waterline from Thomas Road to Earll Drive. Local share cost at 100% for this waterline.
9. Please describe the non paving improvements to be included in the segment	Install 8" waterline for 0.25 mile of this segment (100% local share).
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	11

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 5
1. Segment Location - Include segment beginning and ending limits	Sycamore Street - Palm Lane to Oak Street
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	0.25 0
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRPMIC Senior Center, respectively.
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppressants?	Unpaved gravel road in fair condition.
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	Rural local traffic taken on 8/28/17.
8. Current Average Traffic (ADT)	199
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up south of Oak Street at Sycamore Street (on Sycamore Street south of the stop sign).

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed	No
ROW to be acquired	Yes
Owners will donate ROW	No
Condemnation may be required	No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage	No
Power Lines & Cables	Yes
Pipelines, Sewer and Water	Yes
Private Structures	No
Other (Describe)	
None	

14. Please describe any utility conflicts that will need to be addressed.

No conflicts at this time.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Section 2 - Proposed Improvements

Segment 5

1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road

Yes

Urban Road

No

Subdivision Street

No

Alley

No

Shoulders

No

Other (Describe)

2. Please describe the work to be performed on the segment:

Grade and pave the unpaved roadway.

3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

4. **(Optional for shoulder and alley paving, required for road paving)** Please describe vertical alignment changes.

None

5. **(Optional for shoulder and alley paving, required for road paving)** Please describe horizontal alignment changes.

None

6. **(Optional for shoulder and alley paving, required for road paving)** Design speed of the after construction segment.

35

7. Please describe the type of paving for the segment.

Construct 2" AC on 6" ABC

8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Sidewalks

No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Fensing	No
Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Install 8" PVC waterline from Palm Lane to Oak Street. Local share cost at 100% for this waterline.
9. Please describe the non paving improvements to be included in the segment	Install 8" waterline for 0.25 mile of this segment (100% local share).
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	11

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRVIC Pave Dirt Roads
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Segment Description	Segment 6
1. Segment Location - Include segment beginning and ending limits	Palm Lane - Dobson Road to Sycamore Street
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.25
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	0
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	Yes, monitor # 32 and 33, Salt River High School and SRVIC Senior Center, respectively.
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	Unpaved gravel road in fair condition.
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	Rural local traffic taken on 9/30/17.
8. Current Average Traffic (ADT)	283
9. Please describe methodology used to calculate ADT	Counts taken by single tube traffic counter set up east of Dobson Road on Palm Lane (east of the stop sign).

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

10. Federal law requires that all federally funded projects comply with a federal environmental clearance. For projects that have a minimum ground disturbance, environmental surveys are required and an environmental document will need to be prepared, which typically requires 12 months to complete. In the box to the right, please describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

No known features.

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

11. Current ROW: (Choose All that Apply and select Yes or No)

Agency owns all ROW Needed

No

ROW to be acquired

Yes

Owners will donate ROW

No

Condemnation may be required

No

12. Please describe any right of way issues associated with the segment.

No issues at this time.

13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)

Canals & Drainage

Yes

Power Lines & Cables

Yes

Pipelines, Sewer and Water

Yes

Private Structures

No

Other (Describe)

None

14. Please describe any utility conflicts that will need to be addressed.

No conflicts at this time.

**Salt River Pima-Maricopa Indian Community - SRVIC Pave Dirt Roads
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Section 2 - Proposed Improvements	Segment 6
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	No
Subdivision Street	No
Alley	No
Shoulders	No
Other (Describe)	
2. Please describe the work to be performed on the segment:	Grade and pave the unpaved roadway.
3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
4. (Optional for shoulder and alley paving, required for road paving) Please describe vertical alignment changes.	None
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	The west half of Palm Lane will need to shift north approximately 15 feet.
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	35
7. Please describe the type of paving for the segment.	Construct 2" AC on 6" ABC.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No
Fencing	No

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')**

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances and a bid ready design prior to FHWA approval to encumber federal funding for construction.

Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	Install 8" PVC waterline from Dobson Road to Sycamore Street. Local share cost at 100% for this waterline.
9. Please describe the non paving improvements to be included in the segment	Install 8" waterline for 0.25 mile of this segment (100% local share).
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	12

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PM-10 PAVING PROJECTS COST ESTIMATE WORKSHEET
(All Items are Required, Unless Identified as 'Optional')**

	ITEM DESCRIPTION	UNIT	TOTAL QUAN.	UNIT PRICE	TOTAL COST	Eligible for Federal Funds: Yes or No	FEDERAL SHARE	LOCAL SHARE
PRELIMINARY ENGINEERING	Topographic Survey	LS	1	\$ 3,500.00	\$ 3,500.00	No	\$ -	\$ 3,500.00
	Design Concept Report (DCR)	LS	1	\$ 12,300.00	\$ 12,300.00	No	\$ -	\$ 12,300.00
	Federal Project Environmental Determination	LS	1	\$ 28,000.00	\$ 28,000.00	No	\$ -	\$ 28,000.00
	HAZMAT Assessment	LS	1	\$ 5,800.00	\$ 5,800.00	No	\$ -	\$ 5,800.00
	SUBTOTAL – PRELIMINARY ENGINEERING COSTS				\$ 49,600.00		\$ -	\$ 49,600.00
FINAL DESIGN - Stages II, III, IV and PS&E	Plans, Specifications, Cost Estimates, Bidding	LS	1	\$ 25,700.00	\$ 25,700.00	No	\$ -	\$ 25,700.00
	Geotechnical Report	LS	1	\$ 4,000.00	\$ 4,000.00	No	\$ -	\$ 4,000.00
	Drainage Report	LS	1	\$ 4,000.00	\$ 4,000.00	No	\$ -	\$ 4,000.00
	SWPPP	LS	1	\$ 3,000.00	\$ 3,000.00	No	\$ -	\$ 3,000.00
	SUBTOTAL – FINAL DESIGN COSTS				\$ 36,700.00		\$ -	\$ 36,700.00
RIGHT OF WAY ACQUISITION	Appraisals and Title Reports	LS	1	\$ 30,000.00	\$ 30,000.00	No	\$ -	\$ 30,000.00
	Road Right of Way	LS	1	\$ 1,200,000.00	\$ 1,200,000.00	No	\$ -	\$ 1,200,000.00
	Temporary Construction Easements	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Drainage Easement	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Utility Easements/Right of Way	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Aerial Electrical Easement	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Sign Relocations	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Relocation Expenses	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Site Environmental Assessments	EA	1	\$ -	\$ -	No	\$ -	\$ -
	Building Demolition	EA	1	\$ -	\$ -	No	\$ -	\$ -
	Other Right of Way Expenses		1	\$ -	\$ -	No	\$ -	\$ -
	Other Right of Way Expenses		1	\$ -	\$ -	No	\$ -	\$ -
	Other Right of Way Expenses		1	\$ -	\$ -	No	\$ -	\$ -
	SUBTOTAL – RIGHT OF WAY COSTS				\$ 1,230,000.00		\$ -	\$ 1,230,000.00
UTILITY RELOCATIONS	Relocate 69 kv (+) Poles	EA	1	\$ -	\$ -	No	\$ -	\$ -
	Relocate/Underground 12 kv lines	LF	1	\$ -	\$ -	No	\$ -	\$ -
	Relocate/Underground Irrigation Canal	LF	1	\$ -	\$ -	No	\$ -	\$ -
	SWG Relocations	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Telephone/Cable TV Relocations	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Upgrade Railroad Crossings	LS	1	\$ -	\$ -	No	\$ -	\$ -
	Other Utilities	LS	1	\$ 800,000.00	\$ 800,000.00	No	\$ -	\$ 800,000.00
	Other Utilities	LS	1	\$ -	\$ -	No	\$ -	\$ -
	SUBTOTAL – UTILITY RELOCATION COSTS				\$ 800,000.00		\$ -	\$ 800,000.00
CONSTRUCTION	Contractor Mobilization	LS	1	\$ 100,000.00	\$ 100,000.00	Yes	\$ 94,300.00	\$ 5,700.00
	HAZMAT Abatement	LS	1	\$ -	\$ -	Yes	\$ -	\$ -
	Construction Survey and Layout	LS	1	\$ 20,000.00	\$ 20,000.00	Yes	\$ 18,860.00	\$ 1,140.00
	Temporary Traffic Control	LS	1	\$ 30,000.00	\$ 30,000.00	Yes	\$ 28,290.00	\$ 1,710.00
	Remove Existing Improvements	LS	1	\$ 15,000.00	\$ 15,000.00	Yes	\$ 14,145.00	\$ 855.00
	Remove Curb and Gutter	LF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Remove Pavement	SY	1	\$ -	\$ -	Yes	\$ -	\$ -
	Remove Driveway	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Remove Concrete Sidewalks, Slabs	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	General Excavation	LS	1	\$ 35,000.00	\$ 35,000.00	Yes	\$ 33,005.00	\$ 1,995.00
	Drainage Excavation	LS	1	\$ 5,000.00	\$ 5,000.00	Yes	\$ 4,715.00	\$ 285.00
	Backfill/Borrow Material	LS	1	\$ -	\$ -	Yes	\$ -	\$ -
	AC Pavement including ABC Base	Ton	3,190	\$ 85.00	\$ 271,150.00	Yes	\$ 255,694.45	\$ 15,455.55
	Concrete Pavement NOT including ABC Base	SY	1	\$ -	\$ -	Yes	\$ -	\$ -
	AC Mill and Overlay	SY	1	\$ -	\$ -	Yes	\$ -	\$ -
	Curb and Gutter	LF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Aggregate Base	CY	4,889	\$ 35.00	\$ 171,115.00	Yes	\$ 161,361.45	\$ 9,753.56
	Concrete Driveways	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Colored Concrete	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Concrete Pavers	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Stamped Asphalt	SY	1	\$ -	\$ -	Yes	\$ -	\$ -
	Stamped Concrete	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Concrete Sidewalk	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Pedestrian ADA Ramps	EA	1	\$ -	\$ -	Yes	\$ -	\$ -
	Bus Bay	EA	1	\$ -	\$ -	Yes	\$ -	\$ -
	Bus Shelters	EA	1	\$ -	\$ -	Yes	\$ -	\$ -
	Irrigation Pipeline	LF	200	\$ 80.00	\$ 16,000.00	Yes	\$ 15,088.00	\$ 912.00
	Irrigation Canal relocation	LF	1,000	\$ 10.00	\$ 10,000.00	Yes	\$ 9,430.00	\$ 570.00
	Irrigation Canal Culvert/Bridge Crossing	EA	1	\$ -	\$ -	Yes	\$ -	\$ -
	Decorative Screen Walls	LF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Retaining Wall	SF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Electrical Service Connection	EA	1	\$ -	\$ -	Yes	\$ -	\$ -
	Joint Trench Conduit, including City Spare	LF	1	\$ -	\$ -	Yes	\$ -	\$ -
	Traffic Signal Intertie	LF	1	\$ -	\$ -	Yes	\$ -	\$ -
Traffic Signal	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Temporary Traffic Signal	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Traffic Signage and Markings	LS	1	\$ 30,000.00	\$ 30,000.00	Yes	\$ 28,290.00	\$ 1,710.00	
Street Lighting including conduit and trenching	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Pedestrian Lighting including conduit and trenching	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Handrail	LF	1	\$ -	\$ -	Yes	\$ -	\$ -	
Utility Protection and Adjustments	LS	1	\$ -	\$ -	Yes	\$ -	\$ -	
Adjust Water Valve	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Relocate Fire Hydrant	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Adjusted Manholes	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Drainage Catch basins and Scuppers	EA	1	\$ -	\$ -	Yes	\$ -	\$ -	
Storm Drain 48"	LF	1	\$ -	\$ -	Yes	\$ -	\$ -	
Storm Drain 36"	LF	1	\$ -	\$ -	Yes	\$ -	\$ -	
Storm Drain 24"	LF	1	\$ -	\$ -	Yes	\$ -	\$ -	

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART D - TOTAL PROJECT BUDGET AND TIP PROGRAMMING INCLUDING ALL SEGMENTS
(All Items are Required, Unless Identified as 'Optional')**

Please provide a cost and programming estimate for the total project (e.g. the cost to complete all planned segment improvements). The design for the project should be programmed at least 1 year, preferably 2 years, prior to construction. Utilities and right of way should be programmed at least 1 year prior to construction, but may occur in the same year as construction depending on utility and right of way concerns that are identified in the segment description(s) in Part B(s).

Section 1 - Total Project Budget

Cost Estimate for the Project Including ALL Segments	Cost	(Optional) Additional Notes
1. PE and Final Design	86,300.00	
2. Right of way	1,230,000.00	
3. Utilities	800,000.00	New 8" waterline for all segments at 100% local share.
4. Construction	1,026,163.13	
5. Total Cost w/o ADOT Review Fee	3,142,463.13	
6. ADOT Review Fee	30,000.00	Required. Please see ADOT Fee Sheet for additional information.
7. Total Cost with ADOT Review Fee	3,172,463.13	

Agency Programming

8. Please describe the programming of the project in the agency's own CIP/TIP.	The right-of-way process is currently underway. The projects are currently programmed in the SRPMIC TTIP for design in FY2018-2020 and construction FY2020-2022.
--	--

Requested MAG TIP Programming	Year (Choose One)	Short Work Description (E.g. Pave Road)	Local Funding Source	Local Cost	CMAQ Cost	Total Cost	Local Share
9. Design (Optional)	2020	Design Pave Dirt Roads Project	Tribal or BIA TTP	86,300	\$ -	\$ 86,300	100.0%
10. Right of way (Optional)	2019	Right of way acquisition for Pave Dirt Roads Project	Tribal or BIA TTP	1,230,000	\$ -	\$ 1,230,000	100.0%
11. Utilities (Optional)		Waterline Construction	Tribal	800,000	\$ -	\$ 800,000	100.0%
12. Construction	2022	Construction of Pave Dirt Roads Project with ADOT review fee.	Tribal or BIA TTP	88,491	967,672	\$ 1,056,163	8.4%
				\$ 2,204,791	\$ 967,672	\$ 3,172,463	

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads PART E - SIGNATURE AND CHECKLIST

As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.

Signature:

Name: Bryan Meyers

Title: Community Manager, Salt River Pima-Maricopa Indian Community

Date:

Checklist - OPTIONAL

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed.

PART A - Contact, Project Description and Site Visit Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6, 7, 9 and 10 are complete	Yes
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	Yes
Site Visit Information, fields 11a and 11b	Yes
Site Visit Information, fields 11c Pictures attached.	Yes
PART B - Segment Description and Proposed Improvements Fields	Complete?
The number of complete Part B Segments match the number of segments listed in Part A, Field 9.	Yes
Segment Description, Section 1	
Fields 1 - 2 are complete	Yes
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 4 attach PDF file in the electronic submittal.	Yes
Fields 5 – 14 are complete	Yes
Proposed Improvements, Section 2	
Fields 1 – 2 are complete	Yes
Field 3 attach PDF file in the electronic submittal.	Yes
Fields 4 – 6 REQUIRED for Road and Street Segments and are complete.	Yes
Fields 4 – 6 OPTIONAL for shoulder and alley segments, please check box if complete.	Yes
Fields 7 – 10 are complete	Yes
PART C - Total Project Budget and TIP Programming Including All Segment Fields	
A cost estimate for PE has been developed (Rows 3-6)	Yes
A cost estimate for Final Design has been developed (Rows 8-11)	Yes
A cost estimate for Right of way has been developed (Rows 13-25)	Yes
A cost estimate for Utilities has been developed (Rows 27-34)	No
A cost estimate for Utilities has been developed (Rows 36-129)	Yes

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART E - SIGNATURE AND CHECKLIST**

As the jurisdiction's manager/administrator or designated representative, I certify that the information contained in this application is accurate and complete and that the local funds for this project will be included in the sponsoring MAG member agency's local current CIP/TIP or budget document if the project is selected for federal funding.

Signature:

Bryan Meyers (acting CM)

Name: Bryan Meyers

Title: Community Manager, Salt River Pima-Maricopa Indian Community

Date: 9/22/2017

Checklist - OPTIONAL

This check list is optional, but is included to facilitate applicant review and verification that all required fields in the form have been completed.

PART A - Contact, Project Description and Site Visit Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6, 7, 9 and 10 are complete	Yes
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	Yes
Site Visit Information, fields 11a and 11b	Yes
Site Visit Information, fields 11c Pictures attached.	Yes
PART B - Segment Description and Proposed Improvements Fields	Complete?
The number of complete Part B Segments match the number of segments listed in Part A, Field 9.	Yes
Segment Description, Section 1	
Fields 1 - 2 are complete	Yes
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 4 attach PDF file in the electronic submittal.	Yes
Fields 5 – 14 are complete	Yes
Proposed Improvements, Section 2	
Fields 1 – 2 are complete	Yes
Field 3 attach PDF file in the electronic submittal.	Yes
Fields 4 – 6 REQUIRED for Road and Street Segments and are complete.	Yes
Fields 4 – 6 OPTIONAL for shoulder and alley segments, please check box if complete.	Yes
Fields 7 – 10 are complete	Yes
PART C - Total Project Budget and TIP Programming Including All Segment Fields	
A cost estimate for PE has been developed (Rows 3-6)	Yes
A cost estimate for Final Design has been developed (Rows 8-11)	Yes
A cost estimate for Right of way has been developed (Rows 13-25)	Yes
A cost estimate for Utilities has been developed (Rows 27-34)	No
A cost estimate for Utilities has been developed (Rows 36-129)	Yes

**Salt River Pima-Maricopa Indian Community - SRPMIC Pave Dirt Roads
PART E - SIGNATURE AND CHECKLIST**

PART D - Total Project Budget and TIP Programming Including All Segment Fields	Complete?
Requested MAG TIP Programming	
Field 8 - Agency CIP programming is completed	Yes
Fields 9 – Design Programming OPTIONAL	Yes
Fields 10 – Right of way Programming OPTIONAL	Yes
Fields 11 – Utilities Programming OPTIONAL	Yes
Fields 12 – Construction Programming	Yes
PART E - Signature Page Fields	Complete?
Form is signed	Yes
Name, title and date fields are completed.	Yes

PM-10 Paving Application from Salt River Pima-Maricopa Indian Community for 'SRPMIC Pave Dirt Roads'

Salt River Pima-Maricopa Indian Community

Pave Dirt Roads

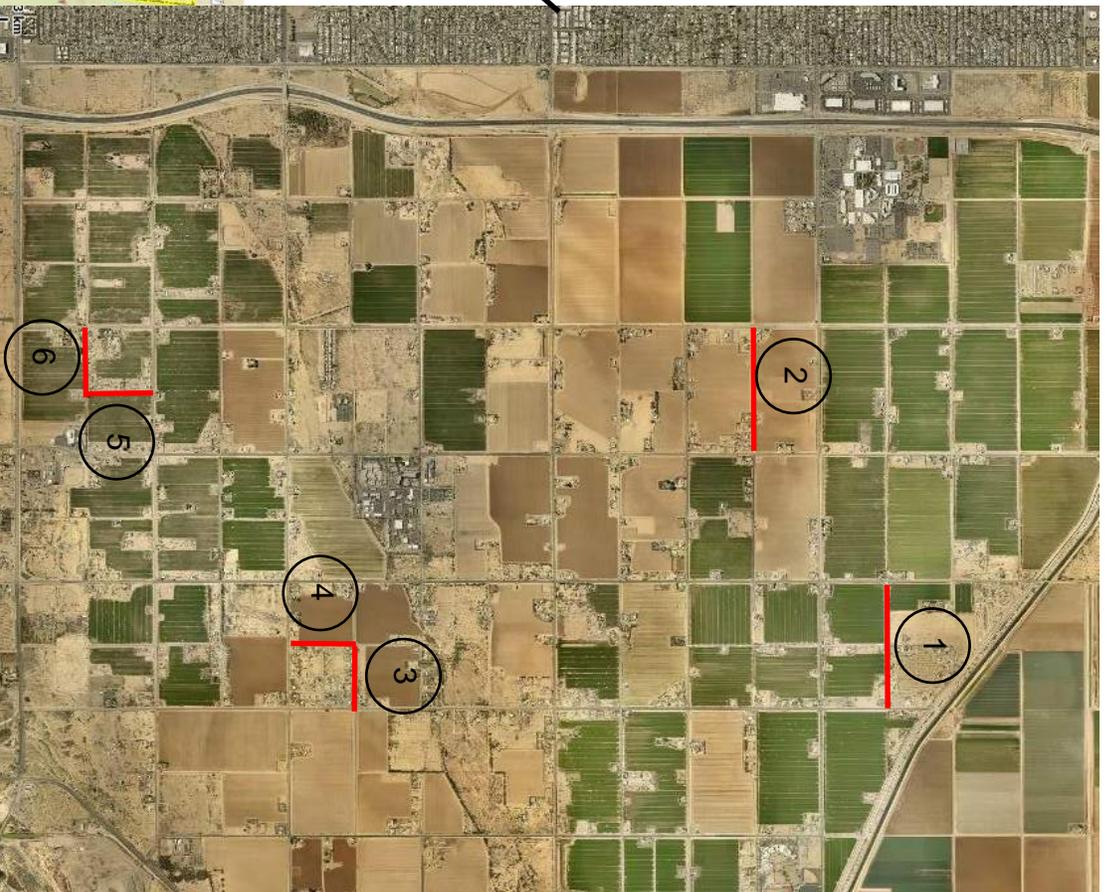
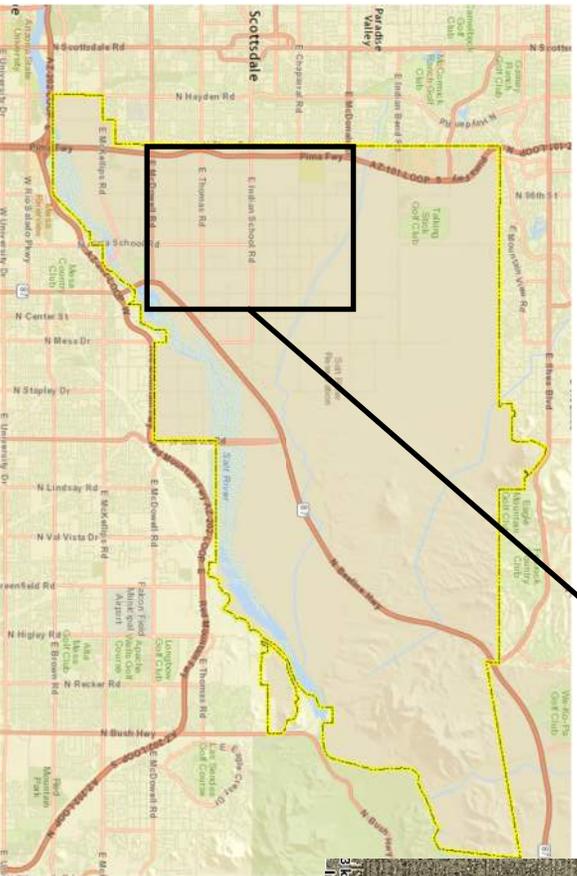
Project Vicinity Map



NTS



Segment



Dobson Road

Sycamore Street

Longmore Road

Alma School Road

Westwood Street

Extension Road

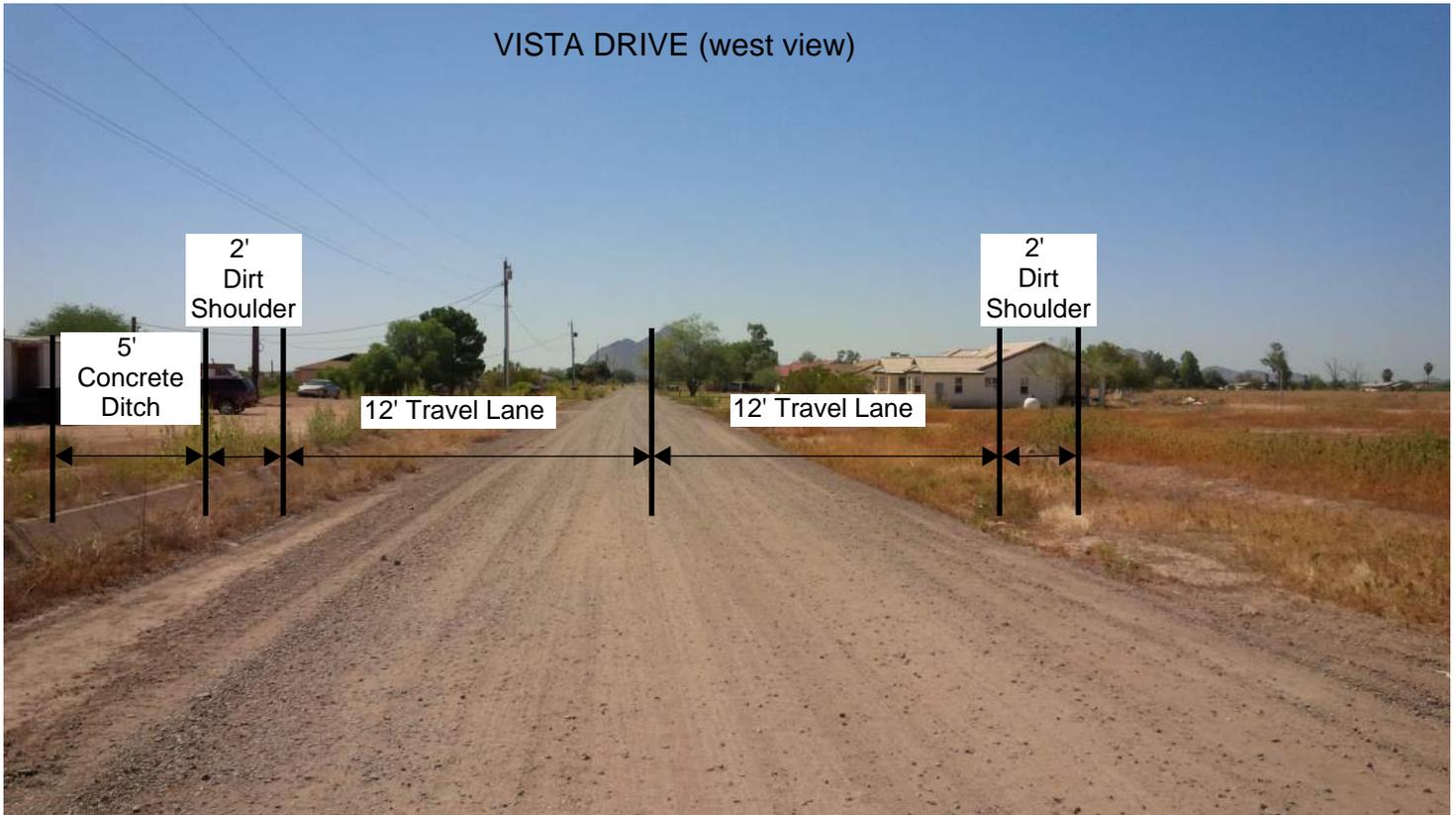
Country Club Drive

Vista Drive
Chaparral
Highland Ave-
Indian School
Earl Drive
Thomas Road
Oak Street
Palm Lane
McDowell

SEGMENT 1

VISTA DRIVE

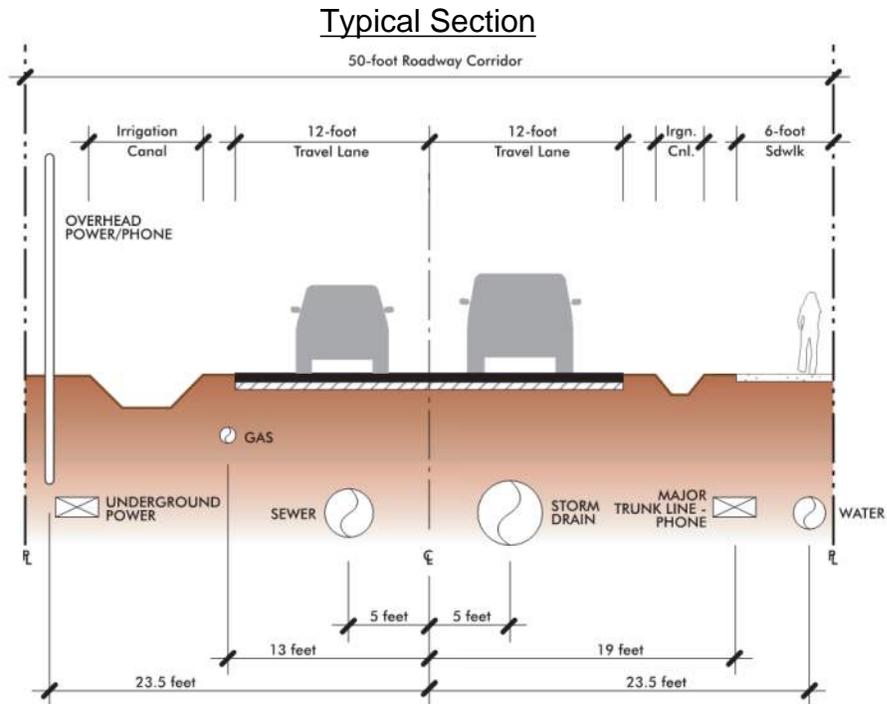
ALMA SCHOOL ROAD TO EXTENSION ROAD



SEGMENT 1

VISTA DRIVE

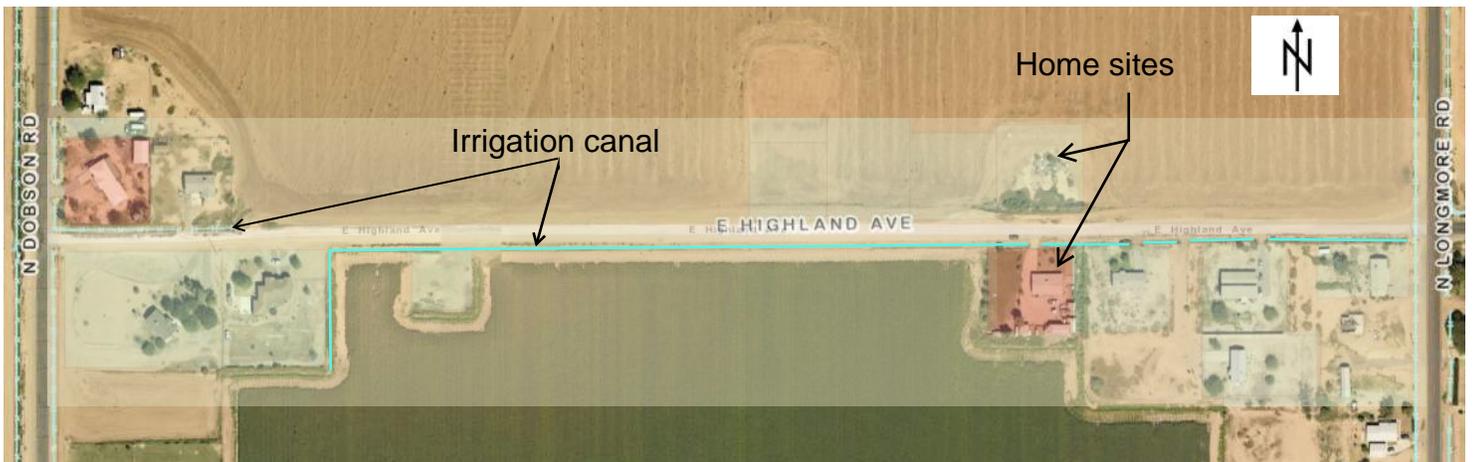
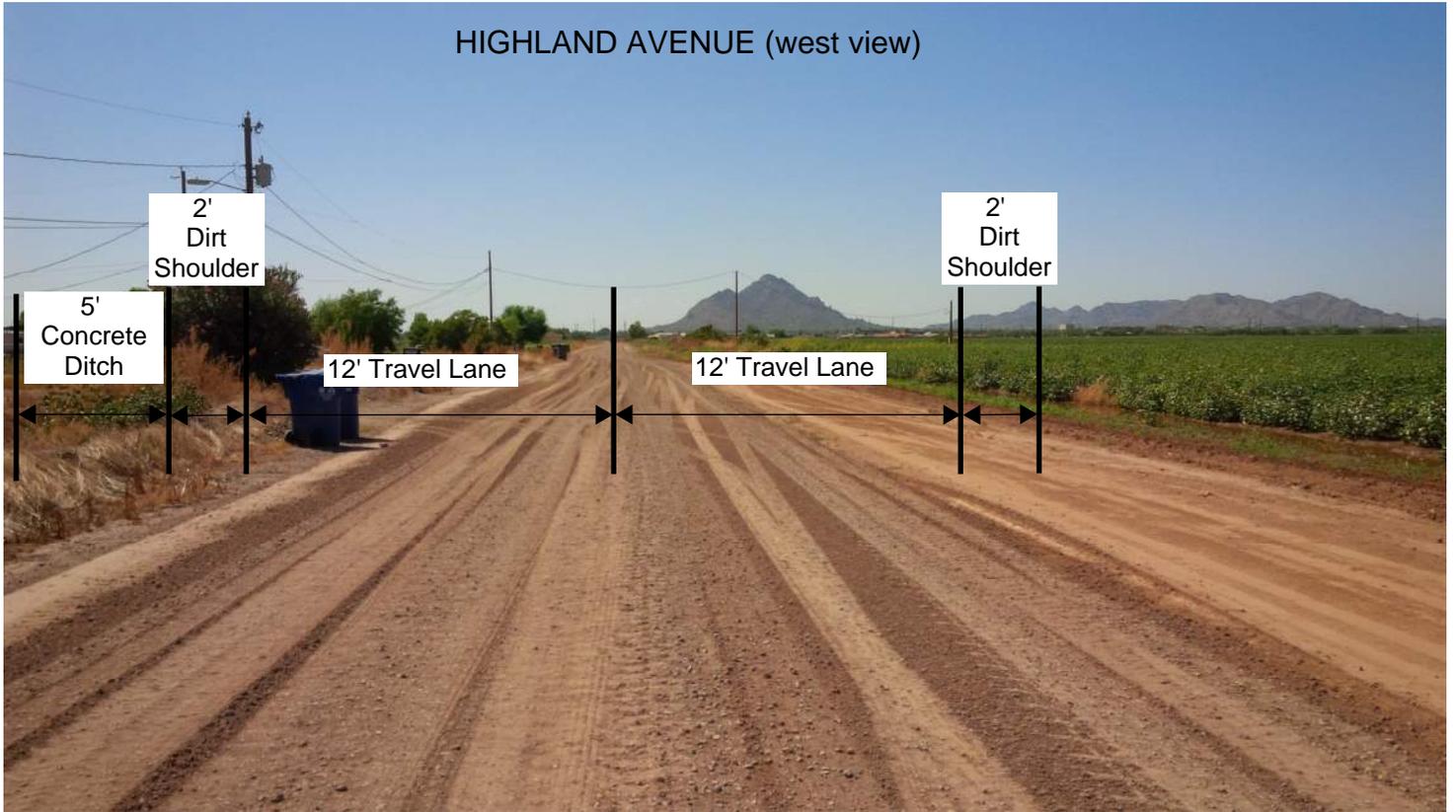
ALMA SCHOOL ROAD TO EXTENSION ROAD



SEGMENT 2

HIGHLAND AVENUE

DOBSON ROAD TO LONGMORE ROAD

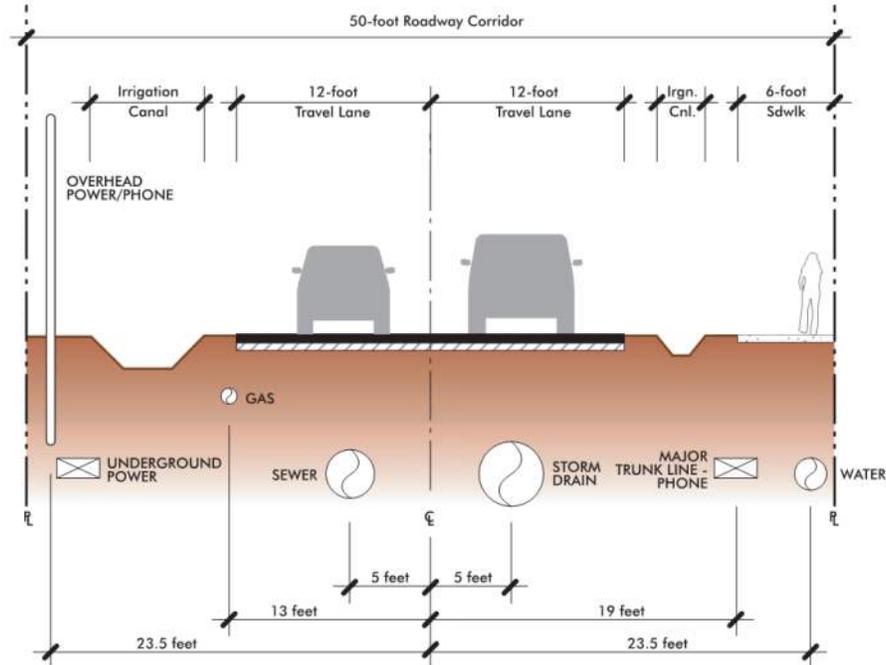


SEGMENT 2

HIGHLAND AVENUE

DOBSON ROAD TO LONGMORE ROAD

Typical Section



Highland Avenue (west view)



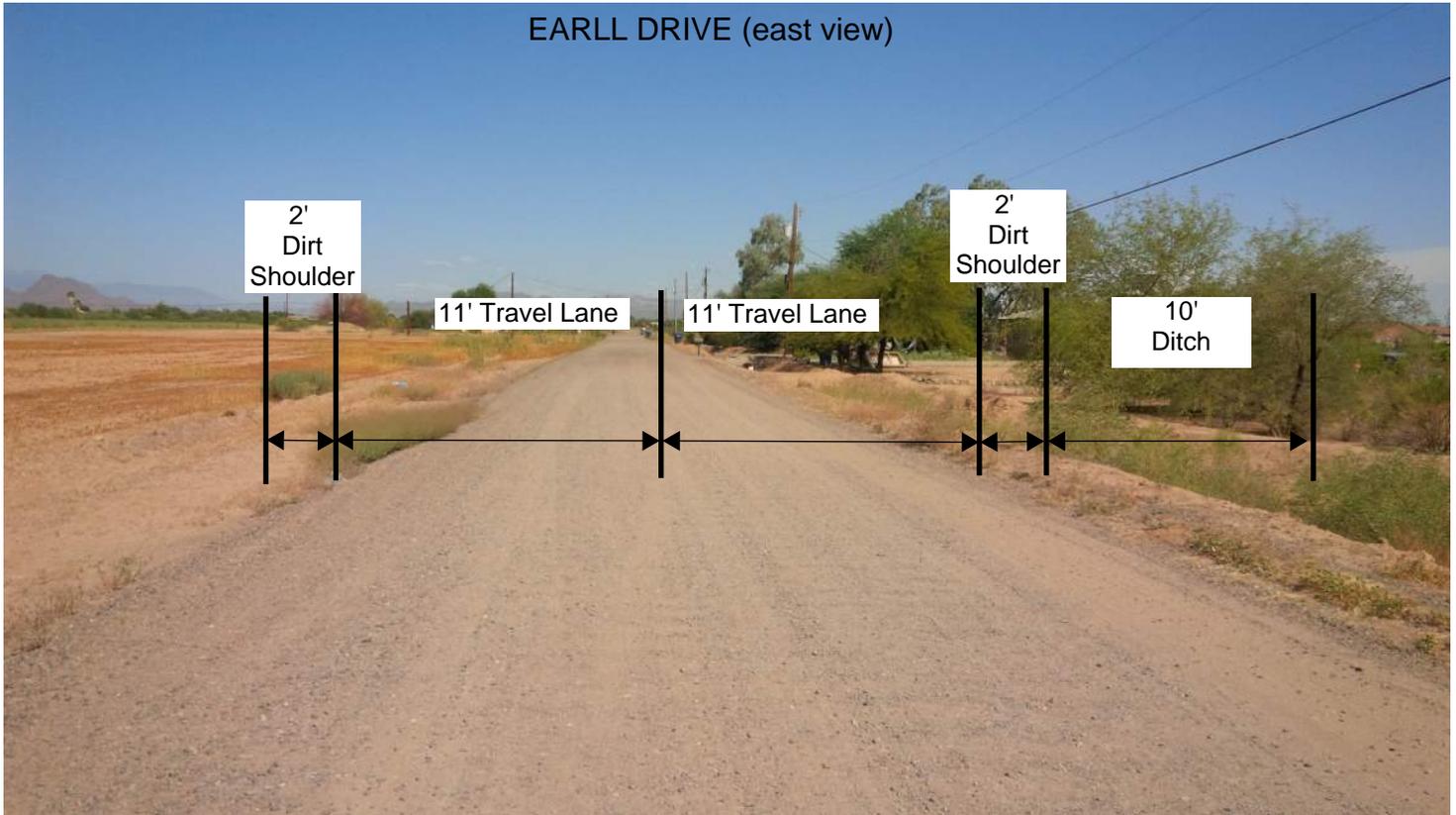
Highland Avenue (east view)



SEGMENT 3

EARLL DRIVE

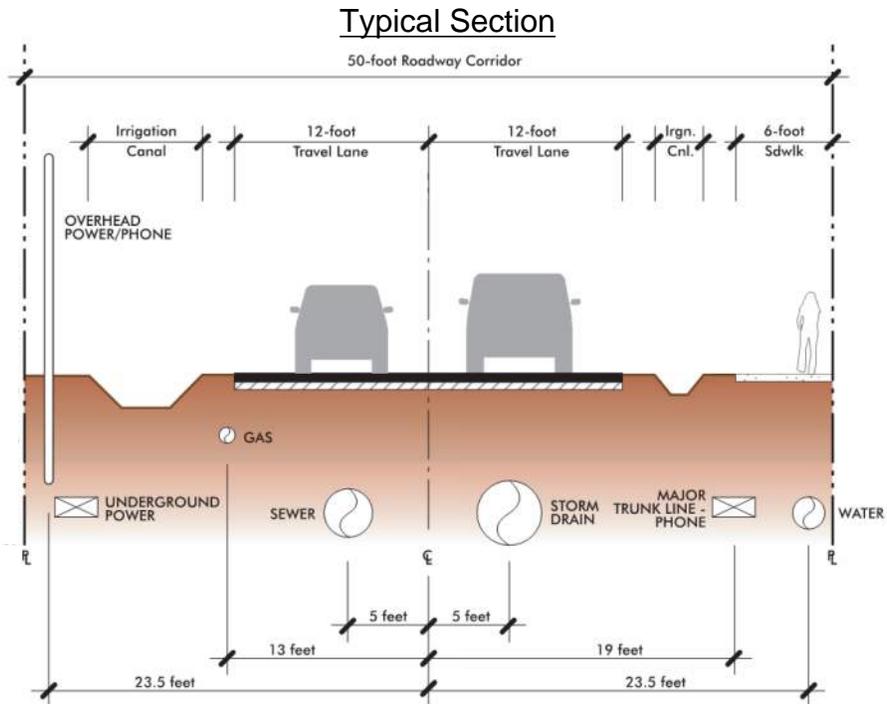
WESTWOOD DRIVE TO EXTENSION ROAD



SEGMENT 3

EARLL DRIVE

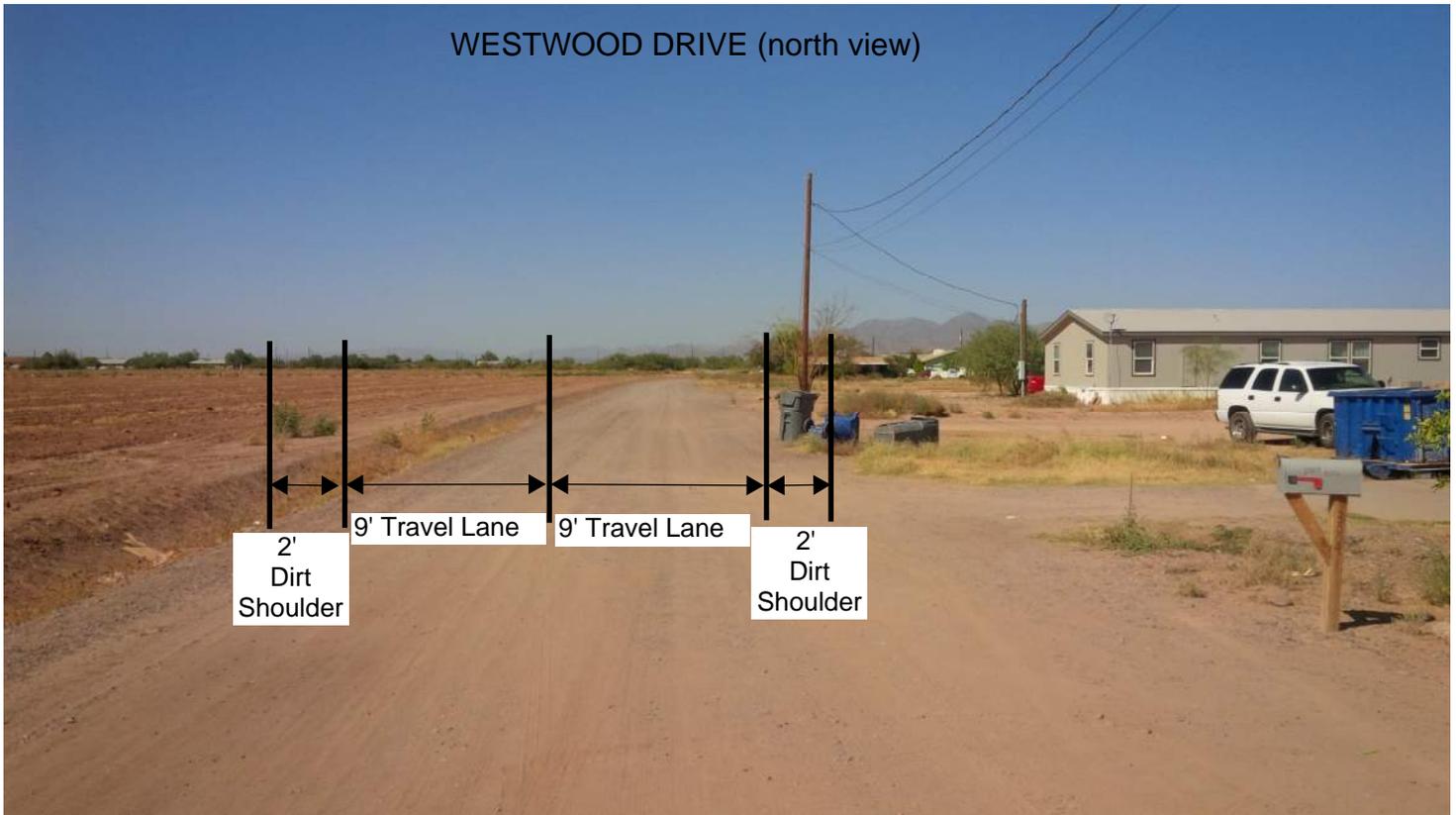
WESTWOOD DRIVE TO EXTENSION ROAD



SEGMENT 4

WESTWOOD DRIVE

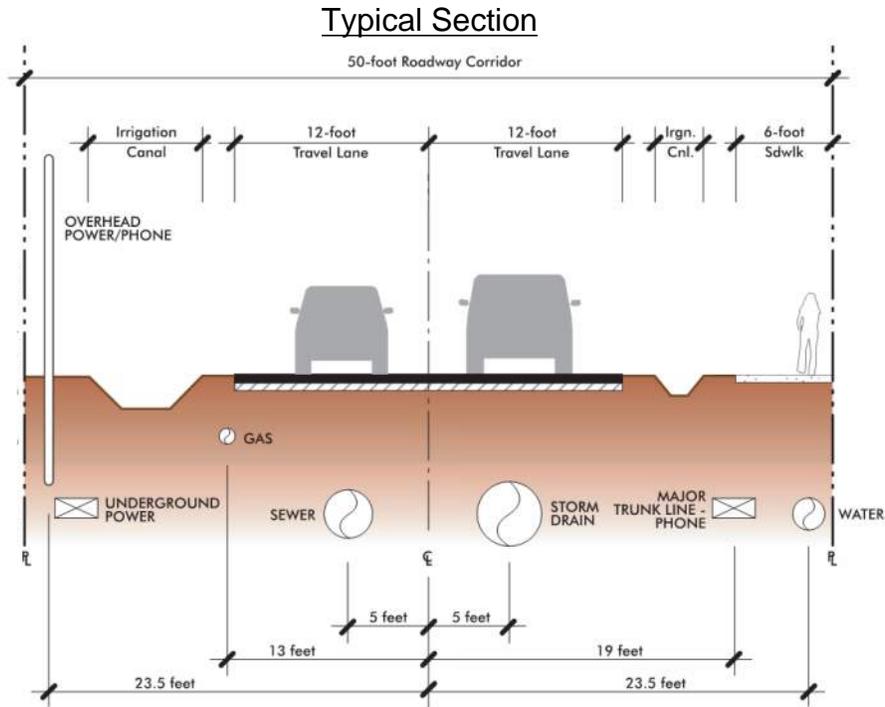
THOMAS ROAD TO EARLL DRIVE



SEGMENT 4

WESTWOOD DRIVE

THOMAS ROAD TO EARLL DRIVE



Westwood Street (south view)



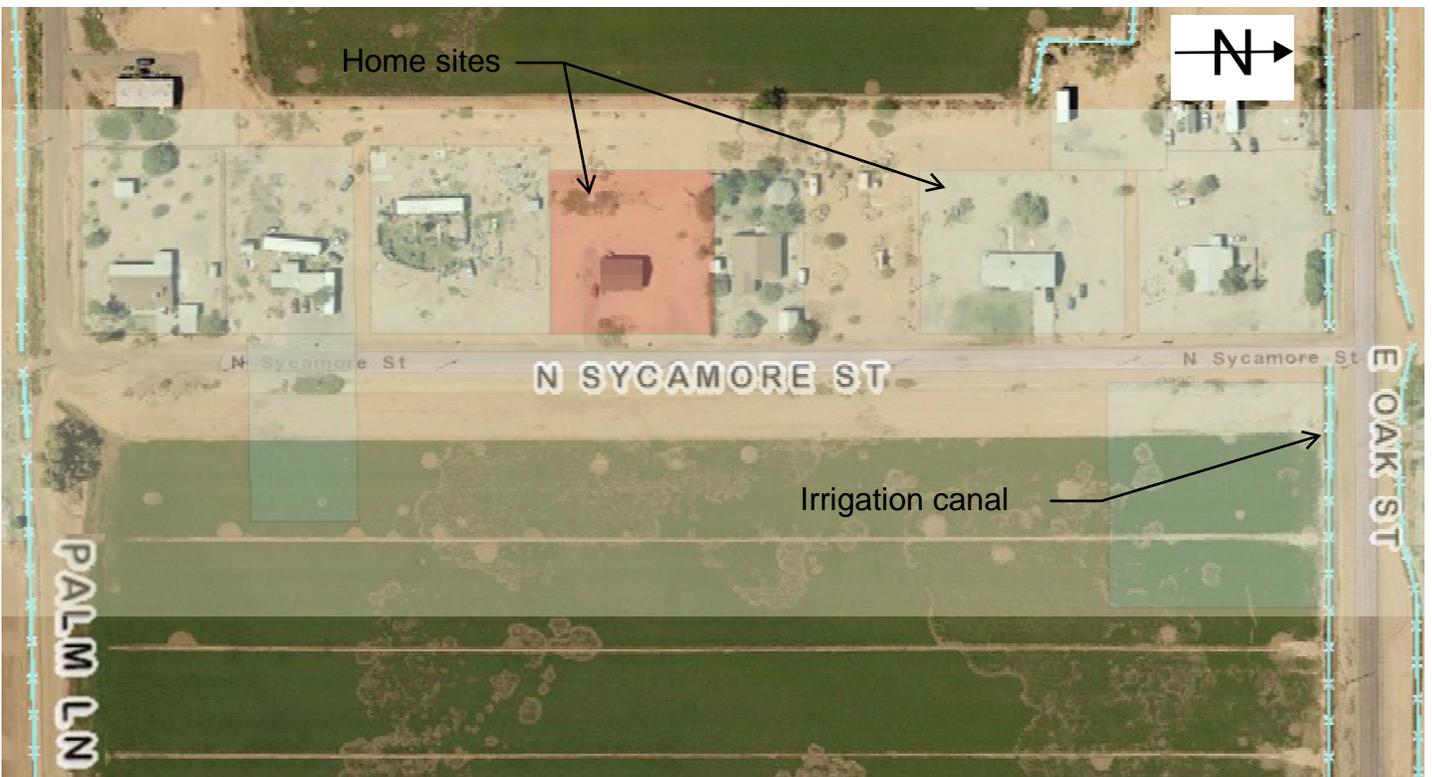
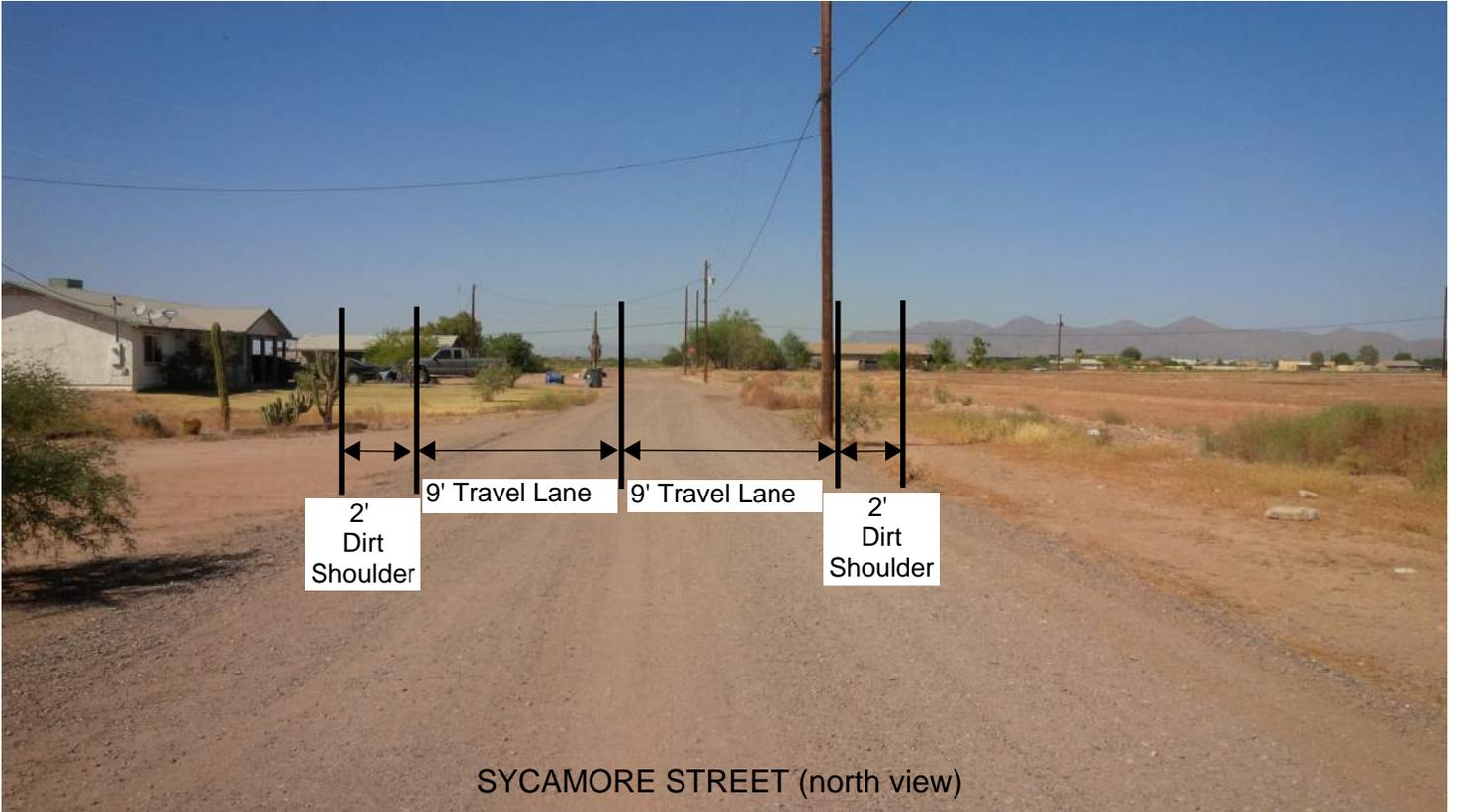
Westwood Street (north view)



SEGMENT 5

SYCAMORE STREET

PALM LANE TO OAK STREET

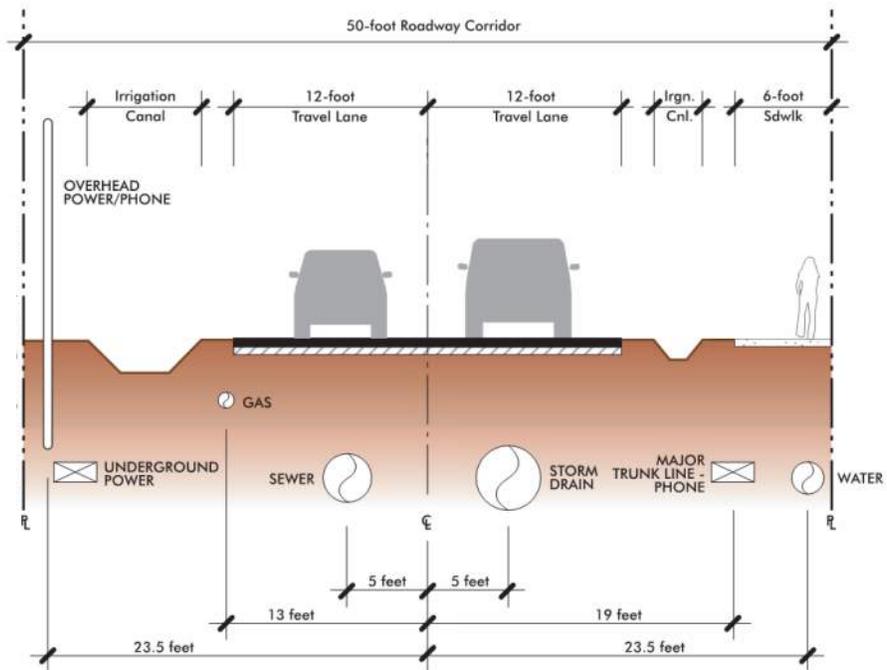


SEGMENT 5

SYCAMORE STREET

PALM LANE TO OAK STREET

Typical Section



Sycamore Street (south view)

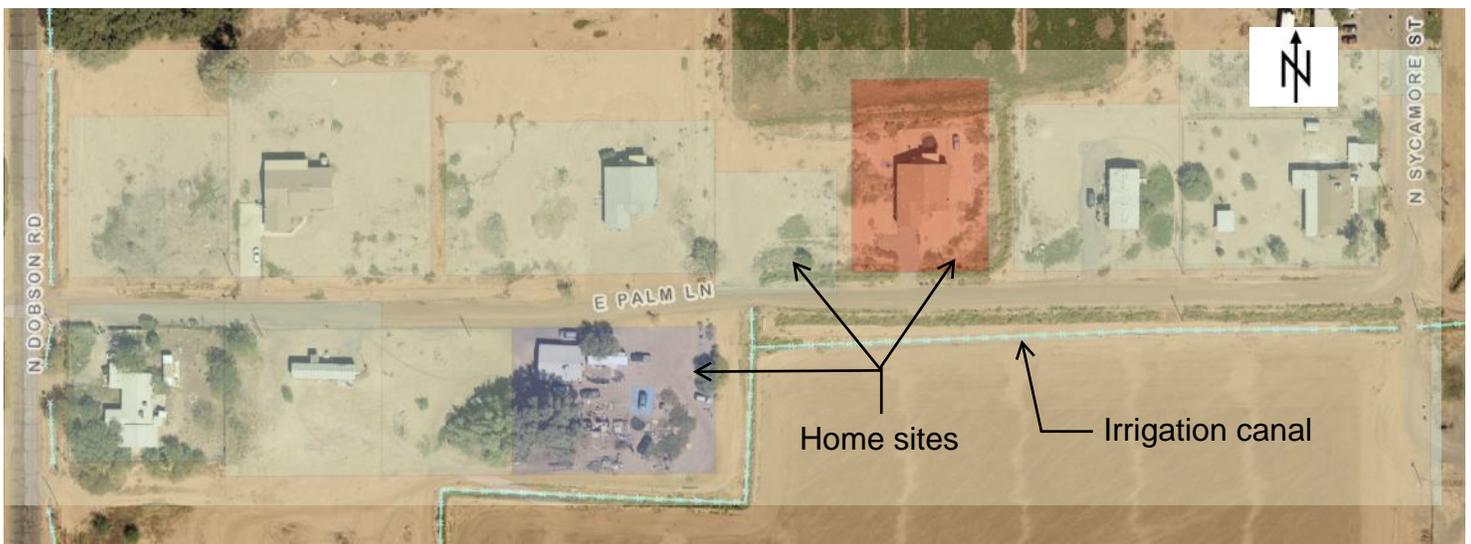
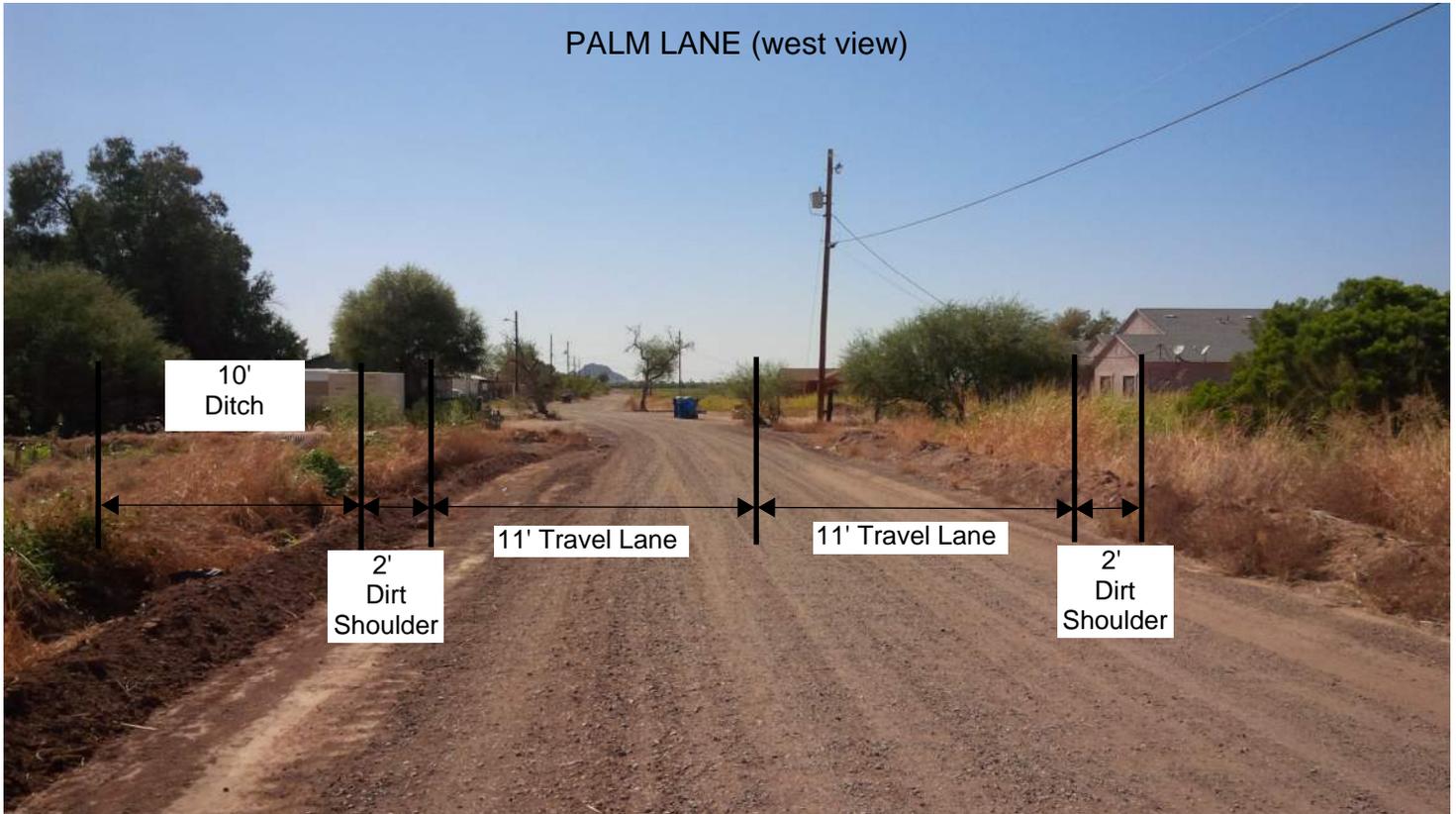


Sycamore Street (north view)

SEGMENT 6

PALM LANE

DOBSON ROAD TO SYCAMORE STREET

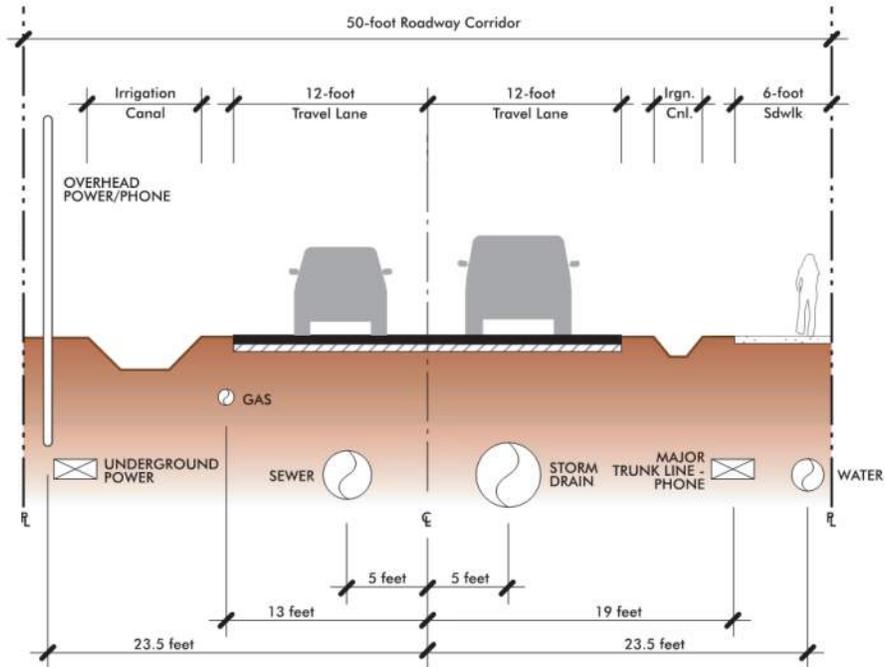


SEGMENT 6

PALM LANE

DOBSON ROAD TO SYCAMORE STREET

Typical Section



Palm Lane (west view)



Palm Lane (east view)

