

**Phoenix - 2020 CMAQ Alley Dust Proofing
PART A - CONTACT AND PROJECT DESCRIPTION
(All Items are Required, Unless Identified as 'Optional')**

Contact Information

1. Agency Name	Phoenix
2. Name:	Rubben Lolly, P.E.
3. Phone:	602-495-2048
4. E-Mail:	rubben.lolly@phoenix.gov
5. Mailing Address:	City Hall
	200 W. Washington Street, 5th Floor
	Phoenix, AZ 85003

Project Description

6. Please provide the Project Title.	2020 CMAQ Alley Dust Proofing
7. Please provide a general description of the project.	This project will dust proof approximately 26.1 miles of unstabilized alleys within the City of Phoenix using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material.
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).	28
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	William Peterson, P.E./ Rubben Lolly, P.E.
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b. Date site visit completed	Jun-2015
c. Pictures of the site visit are required.	Please attach pictures with transmittal

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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 Phoenix for '2020 CMAQ Alley Dust Proofing'

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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	Quarter Section 31-24
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.5
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).	
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?	3.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

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PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
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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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

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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.

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

Agency owns all ROW Needed

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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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	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

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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.

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Sidewalks

No

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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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Segment Description	Segment 2
1. Segment Location - Include segment beginning and ending limits	Quarter Section 32-21
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.3
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).	
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?	4.4 miles, site ID 40132001
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

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PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
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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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

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

Agency owns all ROW Needed

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

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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	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

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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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Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

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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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Segment Description	Segment 3
1. Segment Location - Include segment beginning and ending limits	Quarter Section 29-24
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).	
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?	2.7 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

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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.

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

Agency owns all ROW Needed

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

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

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

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Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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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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Segment Description	Segment 4
1. Segment Location - Include segment beginning and ending limits	Quarter Section 34-20
2. Length and Curb Miles	
a. Length (Miles) of the segment	2.9
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).	
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?	4.8 miles, site ID 40132001
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 4
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 5
1. Segment Location - Include segment beginning and ending limits	Quarter Section 35-24
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.4
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).	
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?	5.1 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 5
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 6
1. Segment Location - Include segment beginning and ending limits	Quarter Section 37-23
2. Length and Curb Miles	
a. Length (Miles) of the segment	2.1
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).	
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?	6.7 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 6
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 7
1. Segment Location - Include segment beginning and ending limits	Quarter Section 37-24
2. Length and Curb Miles	
a. Length (Miles) of the segment	2.4
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).	
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?	6.1 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 7
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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Segment Description	Segment 8
1. Segment Location - Include segment beginning and ending limits	Quarter Section 37-26
2. Length and Curb Miles	
a. Length (Miles) of the segment	1
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).	
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?	5.8 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 8
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 9
1. Segment Location - Include segment beginning and ending limits	Quarter Section 42-23
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.3
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).	
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?	8.6 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 9												
<p>1. What is the type of paving project? (Choose all that Apply and Select Yes or No)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Rural Road</td> <td style="width: 50%; text-align: center;">No</td> </tr> <tr> <td>Urban Road</td> <td style="text-align: center;">No</td> </tr> <tr> <td>Subdivision Street</td> <td style="text-align: center;">No</td> </tr> <tr> <td>Alley</td> <td style="text-align: center;">Yes</td> </tr> <tr> <td>Shoulders</td> <td style="text-align: center;">No</td> </tr> <tr> <td>Other (Describe)</td> <td style="text-align: center;">None</td> </tr> </table>		Rural Road	No	Urban Road	No	Subdivision Street	No	Alley	Yes	Shoulders	No	Other (Describe)	None
Rural Road	No												
Urban Road	No												
Subdivision Street	No												
Alley	Yes												
Shoulders	No												
Other (Describe)	None												
<p>2. Please describe the work to be performed on the segment:</p>	<p>The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.</p>												
<p>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.</p>													
<p>4. (Optional for shoulder and alley paving, required for road paving) Please describe vertical alignment changes.</p>													
<p>5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.</p>													
<p>6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.</p>													
<p>7. Please describe the type of paving for the segment.</p>	<p>3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.</p>												
<p>8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)</p>													

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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Segment Description	Segment 10
1. Segment Location - Include segment beginning and ending limits	Quarter Section 42-24
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.1
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).	
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?	8.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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

Agency owns all ROW Needed

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 10
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 11
1. Segment Location - Include segment beginning and ending limits	Quarter Section 33-29
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.1
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).	
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?	3.7 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 11
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 12
1. Segment Location - Include segment beginning and ending limits	Quarter Section 31-33
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.9
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).	
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?	3.6 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 12
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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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.	
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5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
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6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
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7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
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8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 13
1. Segment Location - Include segment beginning and ending limits	Quarter Section 31-35
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.9
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).	
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?	4.2 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 13
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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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.	
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5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
--	--

6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
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7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
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8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 14
1. Segment Location - Include segment beginning and ending limits	Quarter Section 32-32
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.2
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).	
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?	3.7 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 14
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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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.	
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5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
--	--

6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
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7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
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8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 15
1. Segment Location - Include segment beginning and ending limits	Quarter Section 32-33
2. Length and Curb Miles	
a. Length (Miles) of the segment	2
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).	
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?	4.0 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 15
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 16
1. Segment Location - Include segment beginning and ending limits	Quarter Section 32-34
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.2
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).	
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?	4.3 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 16
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 17
1. Segment Location - Include segment beginning and ending limits	Quarter Section 32-35
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.2
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).	
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?	4.6 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

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Section 2 - Proposed Improvements	Segment 17
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 18
1. Segment Location - Include segment beginning and ending limits	Quarter Section 33-35
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.3
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).	
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?	5.0 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 18
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
---	---

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.	
--	--

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

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

7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
--	--

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 19
1. Segment Location - Include segment beginning and ending limits	Quarter Section 33-36
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.2
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).	
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?	5.3 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 19
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 20
1. Segment Location - Include segment beginning and ending limits	Quarter Section 34-35
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.2
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).	
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?	5.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 20
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 21
1. Segment Location - Include segment beginning and ending limits	Quarter Section 35-34
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.2
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).	
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?	5.5 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 21
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None
2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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.	
5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 22
1. Segment Location - Include segment beginning and ending limits	Quarter Section 35-37
2. Length and Curb Miles	
a. Length (Miles) of the segment	1
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).	
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?	6.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 22
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 23
1. Segment Location - Include segment beginning and ending limits	Quarter Section 36-31
2. Length and Curb Miles	
a. Length (Miles) of the segment	1
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).	
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?	5.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 23
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 24
1. Segment Location - Include segment beginning and ending limits	Quarter Section 36-34
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).	
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?	5.9 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 24
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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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.	
--	--

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

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

7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
--	--

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 25
1. Segment Location - Include segment beginning and ending limits	Quarter Section 36-37
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.1
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).	
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?	6.8 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 25
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 26
1. Segment Location - Include segment beginning and ending limits	Quarter Section 37-33
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.1
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).	
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?	6.2 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 26
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

2. Please describe the work to be performed on the segment:	The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.
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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.	
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5. (Optional for shoulder and alley paving, required for road paving) Please describe horizontal alignment changes.	
--	--

6. (Optional for shoulder and alley paving, required for road paving) Design speed of the after construction segment.	
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7. Please describe the type of paving for the segment.	3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.
--	--

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 27
1. Segment Location - Include segment beginning and ending limits	Quarter Section 37-34
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.2
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).	
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?	6.4 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 27
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
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 28
1. Segment Location - Include segment beginning and ending limits	Quarter Section 38-37
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.9
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).	
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?	7.6 miles, site ID 40131004
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?	Alleys are dirt with a traveled width of eleven feet that will be dust proofed.
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	Traffic consists of trash pick-up, maintenance vehicles, and passenger vehicles.
8. Current Average Traffic (ADT)	Approx. 10 VPD
9. Please describe methodology used to calculate ADT	Estimated ADT based on City's previous experience.

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

There are no known cultural, historical or biological resources, hazardous materials or other environmental issues that could affect work in this area. If environment concerns do arise during design, the segment will be removed from the project.

Phoenix - 2020 CMAQ Alley Dust Proofing
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

Yes

ROW to be acquired

No

Owners will donate ROW

No

Condemnation may be required

No

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

None

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

Canals & Drainage

No

Power Lines & Cables

No

Pipelines, Sewer and Water

No

Private Structures

No

Other (Describe)

None

None

No

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

There are no known utility conflicts. Due to the minimal ground disturbance associated with this type of work and staying within the existing traveled alleyway, utilities are not typically affected. Manholes may occasionally need to be adjusted to grade.

Phoenix - 2020 CMAQ Alley Dust Proofing
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 28
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road	No
Urban Road	No
Subdivision Street	No
Alley	Yes
Shoulders	No
Other (Describe)	None

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

The alley segments will be dust proofed using a 3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips to existing dirt alleys. Clearing, grubbing and subgrade preparation will be required for application of the material. Work will be done within the existing alleyway and ground disturbance will be minimal.

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.

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

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

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

3/8" Fractured Aggregate Surface Treatment (FAST) which provides a single application of rubberized asphalt and precoated chips.

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

Phoenix - 2020 CMAQ Alley Dust Proofing
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.

Sidewalks

No

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

**Phoenix - 2020 CMAQ Alley Dust Proofing
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	\$ 15,000.00	\$ 15,000.00	No	\$ -	\$ 15,000.00
	Design Concept Report (DCR)	LS	1	\$ 15,000.00	\$ 15,000.00	No	\$ -	\$ 15,000.00
	Federal Project Environmental Determination	LS	1	\$ 15,000.00	\$ 15,000.00	No	\$ -	\$ 15,000.00
	HAZMAT Assessment	LS	1	\$ 15,000.00	\$ 15,000.00	No	\$ -	\$ 15,000.00
	SUBTOTAL - PRELIMINARY ENGINEERING COSTS				\$ 60,000.00		\$ -	\$ 60,000.00
FINAL DESIGN - Stages II, III, IV and PS&E	Plans, Specifications, Cost Estimates, Bidding	LS	1	\$ 4,000.00	\$ 4,000.00	No	\$ -	\$ 4,000.00
	Geotechnical Report	LS	1		\$ -	No	\$ -	\$ -
	Drainage Report	LS	1		\$ -	No	\$ -	\$ -
	SWPPP	LS	1		\$ -	No	\$ -	\$ -
	SUBTOTAL - FINAL DESIGN COSTS				\$ 4,000.00		\$ -	\$ 4,000.00
RIGHT OF WAY ACQUISITION	Appraisals and Title Reports	LS	1		\$ -	No	\$ -	\$ -
	Road Right of Way	LS	1		\$ -	No	\$ -	\$ -
	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	LS	1	\$ 3,000.00	\$ 3,000.00	No	\$ -	\$ 3,000.00
	Other Right of Way Expenses		1		\$ -	No	\$ -	\$ -
Other Right of Way Expenses		1		\$ -	No	\$ -	\$ -	
	SUBTOTAL - RIGHT OF WAY COSTS				\$ 3,000.00		\$ -	\$ 3,000.00
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	\$ 3,000.00	\$ 3,000.00	No	\$ -	\$ 3,000.00
	Other Utilities	LS	1		\$ -	No	\$ -	\$ -
	SUBTOTAL - UTILITY RELOCATION COSTS				\$ 3,000.00		\$ -	\$ 3,000.00
CONSTRUCTION	Contractor Mobilization	LS	1		\$ -	Yes	\$ -	\$ -
	HAZMAT Abatement	LS	1		\$ -	Yes	\$ -	\$ -
	Construction Survey and Layout	LS	1		\$ -	Yes	\$ -	\$ -
	Temporary Traffic Control	LS	1		\$ -	Yes	\$ -	\$ -
	Remove Existing Improvements	LS	1		\$ -	Yes	\$ -	\$ -
	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		\$ -	Yes	\$ -	\$ -
	Drainage Excavation	LS	1		\$ -	Yes	\$ -	\$ -
	Backfill/Borrow Material	LS	1		\$ -	Yes	\$ -	\$ -
	AC Pavement including ABC Base	Ton	1		\$ -	Yes	\$ -	\$ -
	Concrete Pavement including ABC Base	SY	1		\$ -	Yes	\$ -	\$ -
	AC Mill and Overlay	SY	1		\$ -	Yes	\$ -	\$ -
	Curb and Gutter	LF	1		\$ -	Yes	\$ -	\$ -
	Aggregate Base	CY	1		\$ -	Yes	\$ -	\$ -
	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	1		\$ -	Yes	\$ -	\$ -
	Irrigation Canal relocation	LF	1		\$ -	Yes	\$ -	\$ -
	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		\$ -	Yes	\$ -	\$ -
	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	50	\$ 517.00	\$ 25,850.00	Yes	\$ 24,376.55	\$ 1,473.45	
Drainage Catch basins and Scuppers	EA	1		\$ -	Yes	\$ -	\$ -	

**Phoenix - 2020 CMAQ Alley Dust Proofing
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
	Storm Drain 48"	LF	1		\$ -	Yes	\$ -	\$ -
	Storm Drain 36"	LF	1		\$ -	Yes	\$ -	\$ -
	Storm Drain 24"	LF	1		\$ -	Yes	\$ -	\$ -
	Storm Drain 18"	LF	1		\$ -	Yes	\$ -	\$ -
	New Waterline 8"	LF	1		\$ -	Yes	\$ -	\$ -
	New Waterline 12"	LF	1		\$ -	Yes	\$ -	\$ -
	New Waterline 16"	LF	1		\$ -	Yes	\$ -	\$ -
	New Sanitary Sewer 8"	LF	1		\$ -	Yes	\$ -	\$ -
	New Sanitary Sewer 12"	LF	1		\$ -	Yes	\$ -	\$ -
	Trees (36" box)	EA	1		\$ -	Yes	\$ -	\$ -
	Tree Grates	EA	1		\$ -	Yes	\$ -	\$ -
	Trees (24" box)	EA	1		\$ -	Yes	\$ -	\$ -
	Shrubs (5 gallon)	EA	1		\$ -	Yes	\$ -	\$ -
	Shrubs (1 gallon)	EA	1		\$ -	Yes	\$ -	\$ -
	Cactus (5 gallon)	EA	1		\$ -	Yes	\$ -	\$ -
	Decomposed Granite	SY	1		\$ -	Yes	\$ -	\$ -
	Topsoil	SY	1		\$ -	Yes	\$ -	\$ -
	Seeding	Acre	1		\$ -	Yes	\$ -	\$ -
	Sod	SY	1		\$ -	Yes	\$ -	\$ -
	Boulders	EA	1		\$ -	Yes	\$ -	\$ -
	Irrigation System - Drip	LS	1		\$ -	Yes	\$ -	\$ -
	Irrigation System - Turf	LS	1		\$ -	Yes	\$ -	\$ -
	Irrigation Booster Pump	EA	1		\$ -	Yes	\$ -	\$ -
	Landscape Header Curb	LF	1		\$ -	Yes	\$ -	\$ -
	Landscape Establishment	LS	1		\$ -	Yes	\$ -	\$ -
	Benches/Seatwalls	EA	1		\$ -	Yes	\$ -	\$ -
	Bike Racks	EA	1		\$ -	Yes	\$ -	\$ -
	Trash Receptacles	EA	1		\$ -	Yes	\$ -	\$ -
	Drinking Fountains	EA	1		\$ -	Yes	\$ -	\$ -
	Subgrade Preparation	SY	1		\$ -	Yes	\$ -	\$ -
	Erosion Control	LS	1		\$ -	Yes	\$ -	\$ -
	Utility Improvements	LS	1		\$ -	Yes	\$ -	\$ -
	Misc. Work	LS	1		\$ -	Yes	\$ -	\$ -
			1		\$ -	Yes	\$ -	\$ -
			1		\$ -	Yes	\$ -	\$ -
			1		\$ -	Yes	\$ -	\$ -
	Dust Palliative	LS	1		\$ -	Yes	\$ -	\$ -
	Maintenance Traffic	LS	1	\$ 14,300.00	\$ 14,300.00	Yes	\$ 13,484.90	\$ 815.10
	Clearing, Grubbing (MAG201) and Subgrade Preparation (MAG301)	SY	183,815	\$ 1.48	\$ 272,046.20	Yes	\$ 256,539.57	\$ 15,506.63
	Replace Unuitable Subgrade Materials	CY	248	\$ 36.83	\$ 9,133.84	Yes	\$ 8,613.21	\$ 520.63
	Haul off Deleterious Material and Degraded Asphalt Millings	Ton	351	\$ 24.95	\$ 8,757.45	Yes	\$ 8,258.28	\$ 499.17
	Uniformed, Off-Duty Police Officers	LS	1	\$ 59,400.00	\$ 59,400.00	Yes	\$ 56,014.20	\$ 3,385.80
	Power Broom (for Dust Control & Prevention per Supplementary Conditions.)	Hrs	30	\$ 117.63	\$ 3,528.90	Yes	\$ 3,327.75	\$ 201.15
	Weed Control Pre-emerge	SY	183,815	\$ 0.11	\$ 20,219.65	Yes	\$ 19,067.13	\$ 1,152.52
	Weed Control Post-emerge	SY	183,815	\$ 0.11	\$ 20,219.65	Yes	\$ 19,067.13	\$ 1,152.52
	Single Application of MC-800TR & Precoated Chips	SY	168,508	\$ 4.47	\$ 753,230.76	Yes	\$ 710,296.61	\$ 42,934.15
			1		\$ -	Yes	\$ -	\$ -
			1		\$ -	Yes	\$ -	\$ -
	Contingency	LS	1		\$ -	Yes	\$ -	\$ -
	SUBTOTAL - CONSTRUCTION COST				\$ 1,186,686.45		\$ 1,119,045.32	\$ 67,641.13
	CONTINGENCY			10%	\$ 118,668.65	Yes	\$ 111,904.53	\$ 6,764.11
	CONSTRUCTION ADMINISTRATION (Assumes Certification Accepted Agencies have same costs as ADOT - 15%)			15%	\$ 178,002.97	Yes	\$ 167,856.80	\$ 10,146.17
	SUBTOTAL - CONSTRUCTION COST				\$ 1,483,358.06		\$ 1,398,806.65	\$ 84,551.41
SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS	PRELIMINARY ENGINEERING				\$ 60,000.00	NA	\$ -	\$ 60,000.00
	FINAL DESIGN - Stages II, III, IV and PS&E				\$ 4,000.00	NA	\$ -	\$ 4,000.00
	RIGHT OF WAY ACQUISITION				\$ 3,000.00	NA	\$ -	\$ 3,000.00
	UTILITY RELOCATIONS				\$ 3,000.00	NA	\$ -	\$ 3,000.00
	CONSTRUCTION (Including Construction Administration)				\$ 1,483,358.06	NA	\$ 1,398,806.65	\$ 84,551.41
	SUBTOTAL - PROJECT COST				\$ 1,553,358.06	NA	\$ 1,398,806.65	\$ 154,551.41
	ADOT REVIEW FEES (\$10,000 for Certification Accepted Agency, Otherwise \$30,000)				\$ 10,000.00	No	\$ -	\$ 10,000.00
PROJECT TOALS (Including ADOT Review Fees)				\$ 1,563,358.06	NA	\$ 1,398,806.65	\$ 164,551.41	

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing
PART C - 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	64,000.00	
2. Right of way	3,000.00	
3. Utilities	3,000.00	
4. Construction	1,483,358.06	
5. Total Cost w/o ADOT Review Fee	1,553,358.06	
6. ADOT Review Fee	10,000.00	Required. Please see ADOT Fee Sheet for additional information.
7. Total Cost with ADOT Review Fee	1,563,358.06	

Agency Programming

8. Please describe the programming of the project in the agency's own CIP/TIP.	2020 CMAQ Alley Dust Proofing
--	-------------------------------

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)	2019	PE & Final Design	Capital Construction Funding (CCF)	64,000	\$ -	\$ 64,000	100.0%
10. Right of way (Optional)			Capital Construction Funding (CCF)	3,000	\$ -	\$ 3,000	100.0%
11. Utilities (Optional)			Capital Construction Funding (CCF)	3,000	\$ -	\$ 3,000	100.0%
12. Construction	2020	2020 CMAQ Alley Dust Proofing	Capital Construction Funding (CCF)	85,500	1,414,500	\$ 1,500,000	5.7%
				\$ 155,500	\$ 1,414,500	\$ 1,570,000	

PM-10 Paving Application from Phoenix for '2020 CMAQ Alley Dust Proofing'

Phoenix - 2020 CMAQ Alley Dust Proofing PART D - 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: Ray Dovalina, P.E.

Title: Street Transportation Director

Date: September 16, 2015

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.	
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.	
Fields 4 – 6 REQUIRED for Road and Street Segments and are complete.	
Fields 4 – 6 OPTIONAL for shoulder and alley segments, please check box if complete.	
Fields 7 – 10 are complete	Yes
PART C - Total Project Budget and TIP Programming Including All Segment Fields	Yes
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)	Yes
A cost estimate for Utilities has been developed (Rows 36-129)	Yes
PART D - Total Project Budget and TIP Programming Including All Segment Fields	Complete?

Phoenix - 2020 CMAQ Alley Dust Proofing PART D - SIGNATURE AND CHECKLIST	
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 Phoenix for '2020 CMAQ Alley Dust Proofing'

ADOT Review Fees for Certification Accepted Agencies/1

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Urban Project Management	Project Manager	\$ 60	60	\$ 3,600
Urban Project Management	Project Coordinator	\$ 60	20	\$ 1,200
SUBTOTAL			180	\$ 9,800
STAFF GRAND TOTAL				\$ 10,000

ADOT Review Fees for Non Certification Accepted Agencies/1

ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Contracts and Specs	Contracts and Specs	\$ 60	200	\$ 12,000
District	District	\$ 55	18	\$ 990
Engineering Consulting Section	Engineering Consulting Section	\$ 40	24	\$ 960
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Materials	Geotech Design	\$ 50	15	\$ 750
Materials	Geotech Field Investigation	\$ 50	5	\$ 250
Right of Way	Plans	\$ 50	40	\$ 2,000
Roadway Group	Roadway Design	\$ 55	40	\$ 2,200
Roadway Group	Roadway Review	\$ 70	5	\$ 350
Traffic	Traffic Design	\$ 55	45	\$ 2,475
Urban Project Management	Project Manager	\$ 60	40	\$ 2,400
Urban Project Management	Project Coordinator	\$ 60	10	\$ 600
SUBTOTAL			542	\$ 29,975
STAFF GRAND TOTAL				\$ 30,000

Notes:

1. Based on material provided by ADOT in July, 2015. All functions, rates, hours and costs are as listed in the material provided by
2. Charges to agencies will be based on work performed by ADOT. Costs accrued will vary depending on project characteristics and

Map ID	Site ID	Name	Address	City	County	Agency
1	40134011	Buckeye	26449 West 100th Drive	Buckeye	Maricopa	Maricopa County AQD
2	40134010	Dysart	16825 North Dysart Road	Surprise	Maricopa	Maricopa County AQD
3	40132001	Glendale	6001 West Olive Avenue	Glendale	Maricopa	Maricopa County AQD
4	40134009	West 43rd Avenue	3940 West Broadway Road	Phoenix	Maricopa	Maricopa County AQD
5	40130019	West Phoenix	3847 West Earll	Phoenix	Maricopa	Maricopa County AQD
6	40139812	Durango Complex	2702 RC Ester Brook Boulevard	Phoenix	Maricopa	Maricopa County AQD
7	40133010	Greenwood	1128 North 27th Avenue	Phoenix	Maricopa	Maricopa County AQD
8	40139997	JLG Supersite	4530 North 17th Avenue	Phoenix	Maricopa	ADEQ
9	40134003	South Phoenix	33 West Tamarisk Avenue	Phoenix	Maricopa	Maricopa County AQD
10	40131004	North Phoenix	601 East Butler Drive	Phoenix	Maricopa	Maricopa County AQD
11	40133002	Central Phoenix	1645 East Roosevelt Street	Phoenix	Maricopa	Maricopa County AQD
12	40133003	South Scottsdale	2857 North Miller Road	Scottsdale	Maricopa	Maricopa County AQD
13	40134004	West Chandler	275 South Ellis	Chandler	Maricopa	Maricopa County AQD
14	40131003	Mesa	310 South Brooks	Mesa	Maricopa	Maricopa County AQD
15	40134006	Higley	15400 South Higley Road	Gilbert	Maricopa	Maricopa County AQD
16	40213009	Combs School	301 East Combs Road	Queen Creek	Pinal	Pinal County AQCD
17	40213002	Apache Junction Fire Station	3955 East Superstition Boulevard	Apache Junction	Pinal	Pinal County AQCD
18	40134016	Zuni Hills	10851 W Williams Road	Sun City	Maricopa	Maricopa County AQD
19	40134005	Tempe	1515 S College Avenue	Tempe	Maricopa	Maricopa County AQD
20	40210001	Casa Grande Downtown	401 N. Marshall Street	Casa Grande	Pinal	Pinal County AQCD
21	40213004	Coolidge Maintenance Yard	212 E. Broadway	Coolidge	Pinal	Pinal County AQCD
22	402113013	Cowtown Road	37580 W. Maricopa-Casa Grande Highway	Maricopa	Pinal	Pinal County AQCD
23	402113014	Eloy County Complex	801 N. Main Street	Eloy	Pinal	Pinal County AQCD
24	402113010	(City of) Maricopa County Complex	44625 W. Garvey Road	Maricopa	Pinal	Pinal County AQCD
25	402113007	Pinal Air Park	Water Well #2, Pinal Air Park Road	Marana	Pinal	Pinal County AQCD
26	402113011	Pinal County Housing Complex	970 N. Eleven Mile Corner Road	Casa Grande	Pinal	Pinal County AQCD
27	40213008	Stanfield County Complex	36697 W. Papago Drive	Stanfield	Pinal	Pinal County AQCD
28	40217004	Casa Blanca	Casa Blanca/Preschool Road	Bapchule	Pinal	Gila River Indian Community
29	40217001	Sacaton	35 Pima Street	Sacaton	Pinal	Gila River Indian Community
30	40137003	St Johns	4208 W. Pecos Road	Laveen	Maricopa	Gila River Indian Community
31	40217030	Ak Chin	47685 W. Eco-Museum Road	Maricopa	Pinal	Ak Chin Indian Community

Q33-21 W THUNDERBIRD RD FRN N

W THUNDERBIRD RD FRN N

W THUNDERBIRD RD FRN S

N 33RD AVE

N 31ST DR

W SHARON AVE

W VOLTAIRE AVE

W EUGIE AVE

N 31ST DR

W JOAN DE ARC AVE

Q32-21

W JOAN DE ARC AVE

N 34TH DR

N 33RD DR

W WILLOW AVE

N 31ST DR

W PERSHING AVE

W SURREY AVE

W PERSHING AVE

W WOOD DR

N 34TH AVE

N 31ST DR

Q31-21

- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-21
Alley (Miles) 1.32



City of Phoenix

Street Transportation Department
 Street Maintenance Division

Q33-21

W THUNDERBIRD RD FRN N

W THUNDERBIRD RD FRN N

W THUNDERBIRD RD FRN S

N 33RD AVE

N 31ST DR

W SHARON AVE

W VOLTAIRE AVE

W EUGIE AVE

N 31ST DR

W JOAN DE ARC AVE

Q32-21

W JOAN DE ARC AVE

2

1

1

2

N 33RD DR

3

W WILLOW AVE

N 31ST DR

W PERSHING AVE

N 34TH DR

3

W SURREY AVE

1

3

W WOOD DR

N 31ST DR

4

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6

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5

6

5

N 34TH AVE

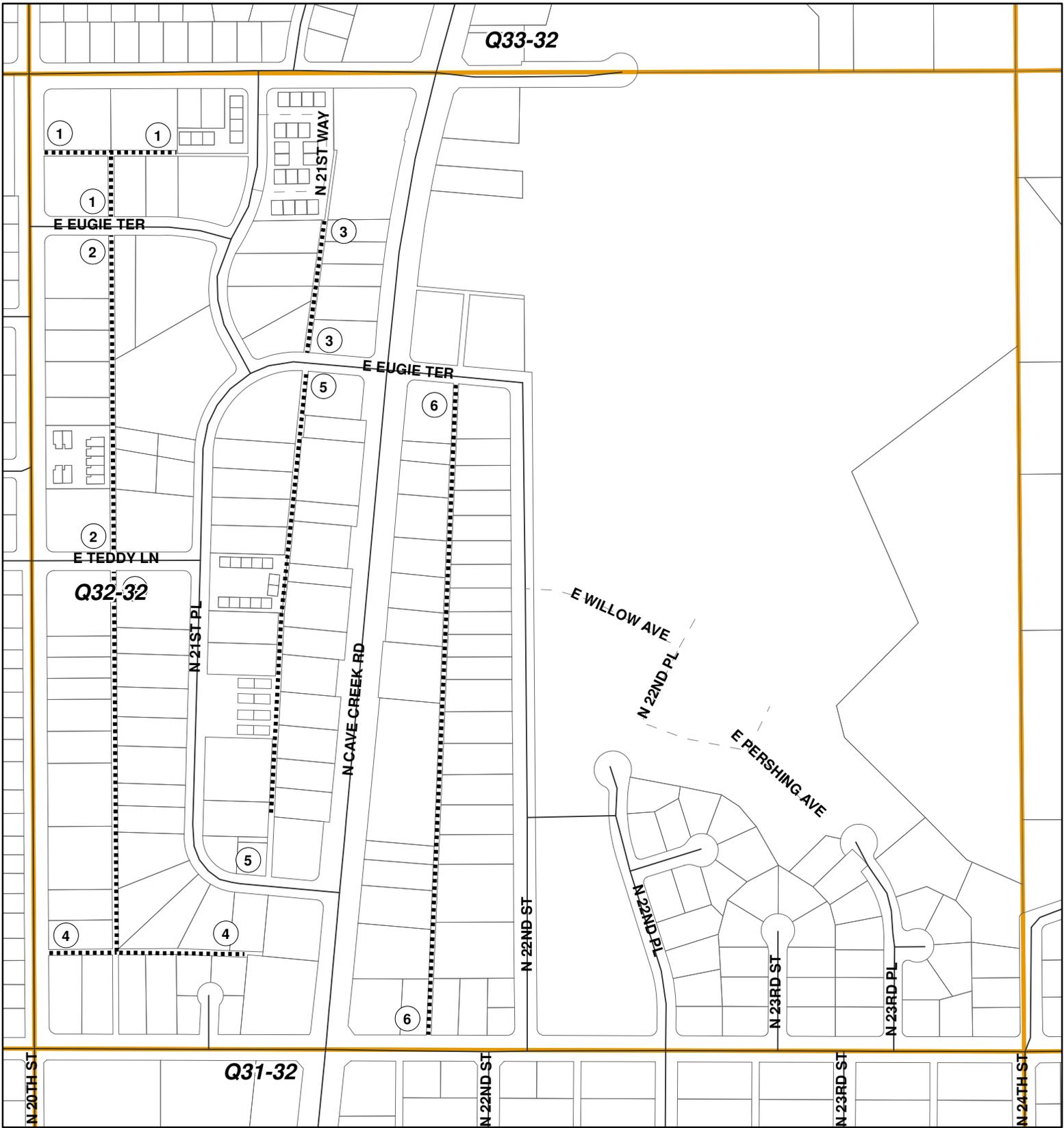
Q31-21

- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-21
Alley (Miles) 1.32



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-32
Alley (Miles) 1.18



City of Phoenix

Street Transportation Department
Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

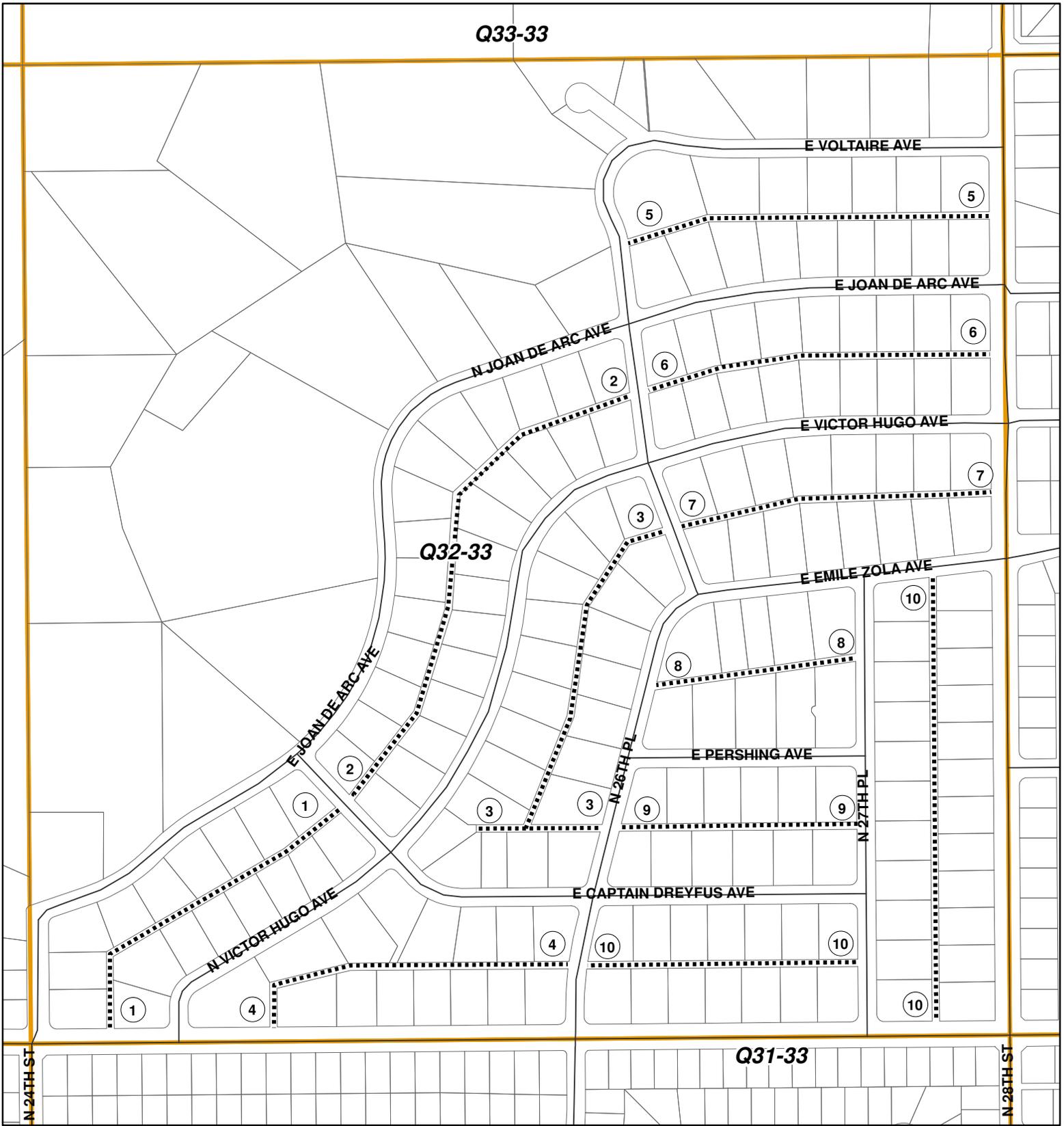
Quarter Section 32-32
Alley (Miles) 1.18



City of Phoenix

Street Transportation Department
 Street Maintenance Division

Q33-33



Quarter Section 32-33
Alley (Miles) 1.97



City of Phoenix

Street Transportation Department
 Street Maintenance Division



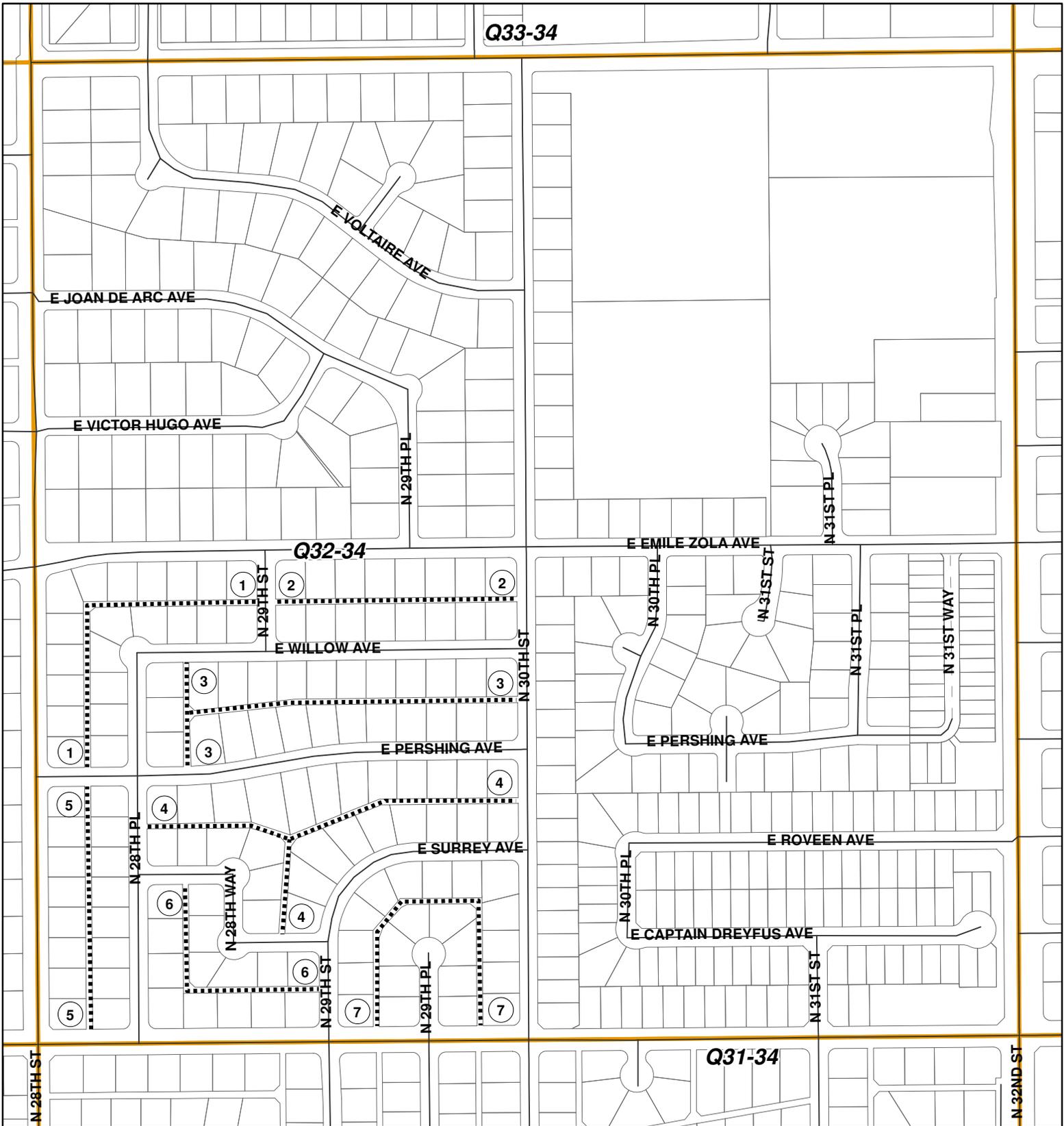
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-33
Alley (Miles) 1.97



City of Phoenix

Street Transportation Department
Street Maintenance Division



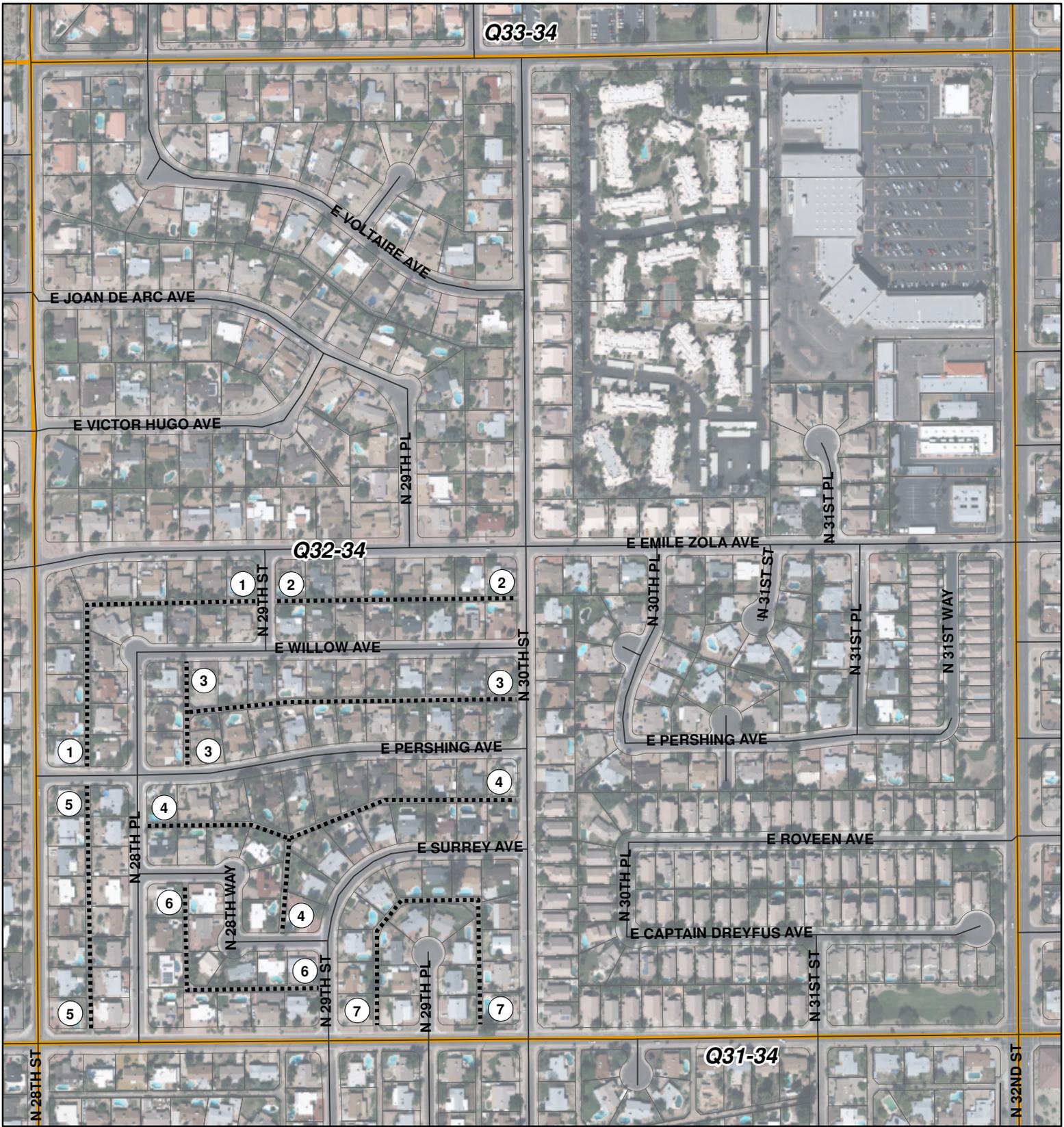
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-34
Alley (Miles) 1.07



City of Phoenix

Street Transportation Department
Street Maintenance Division



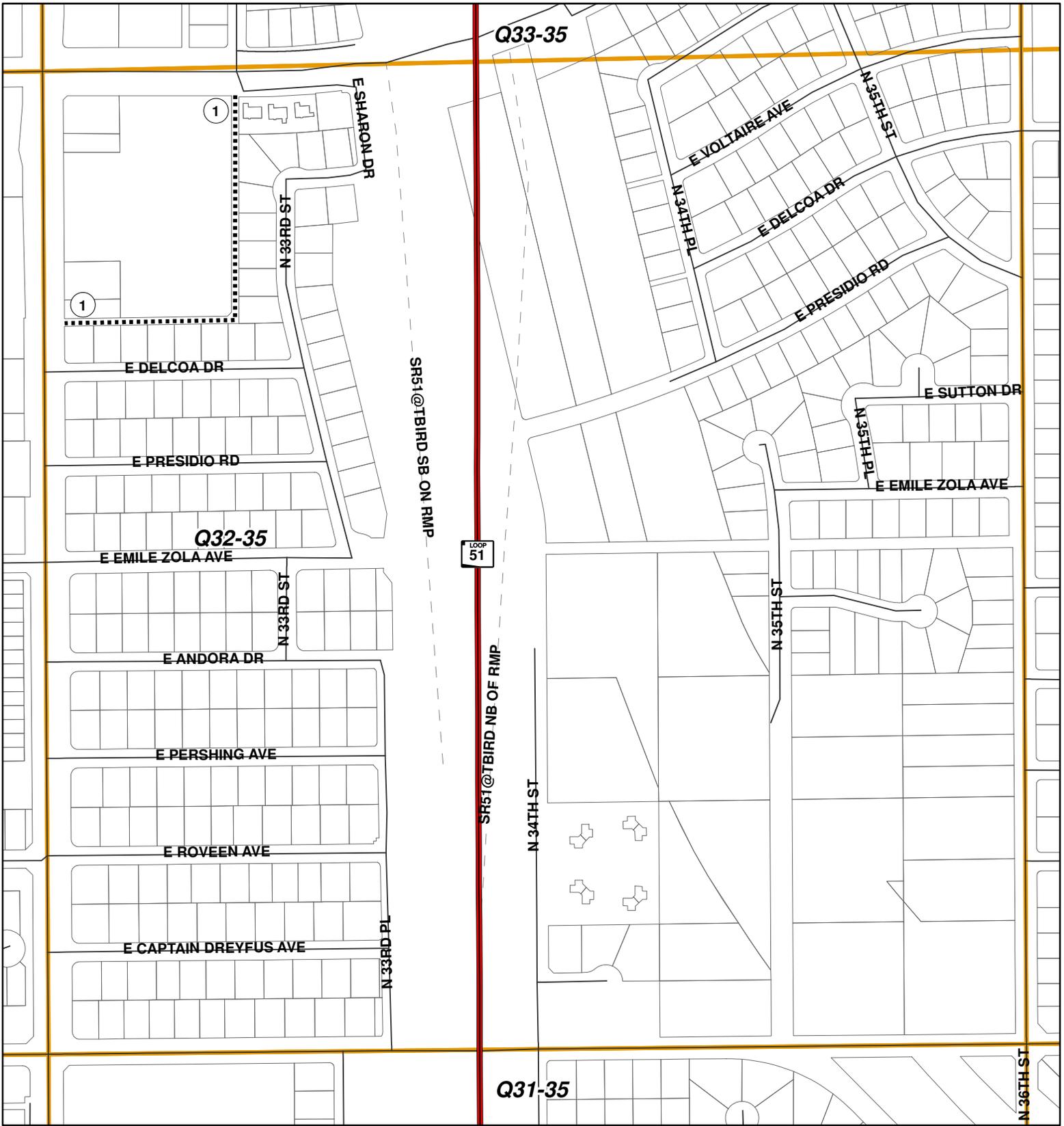
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-34
Alley (Miles) 1.07



City of Phoenix

Street Transportation Department
Street Maintenance Division



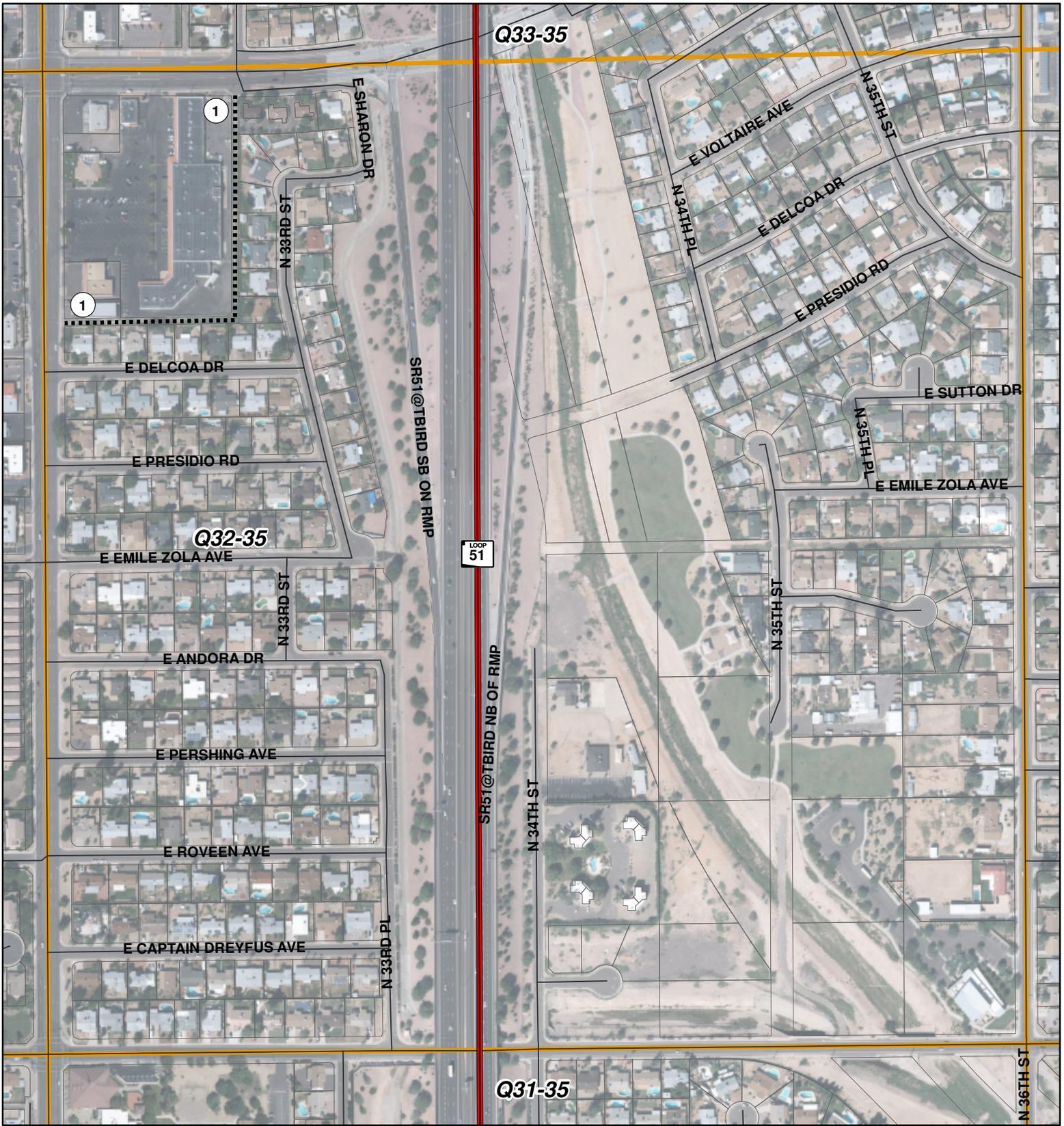
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-35
Alley (Miles) 0.20



City of Phoenix

Street Transportation Department
 Street Maintenance Division



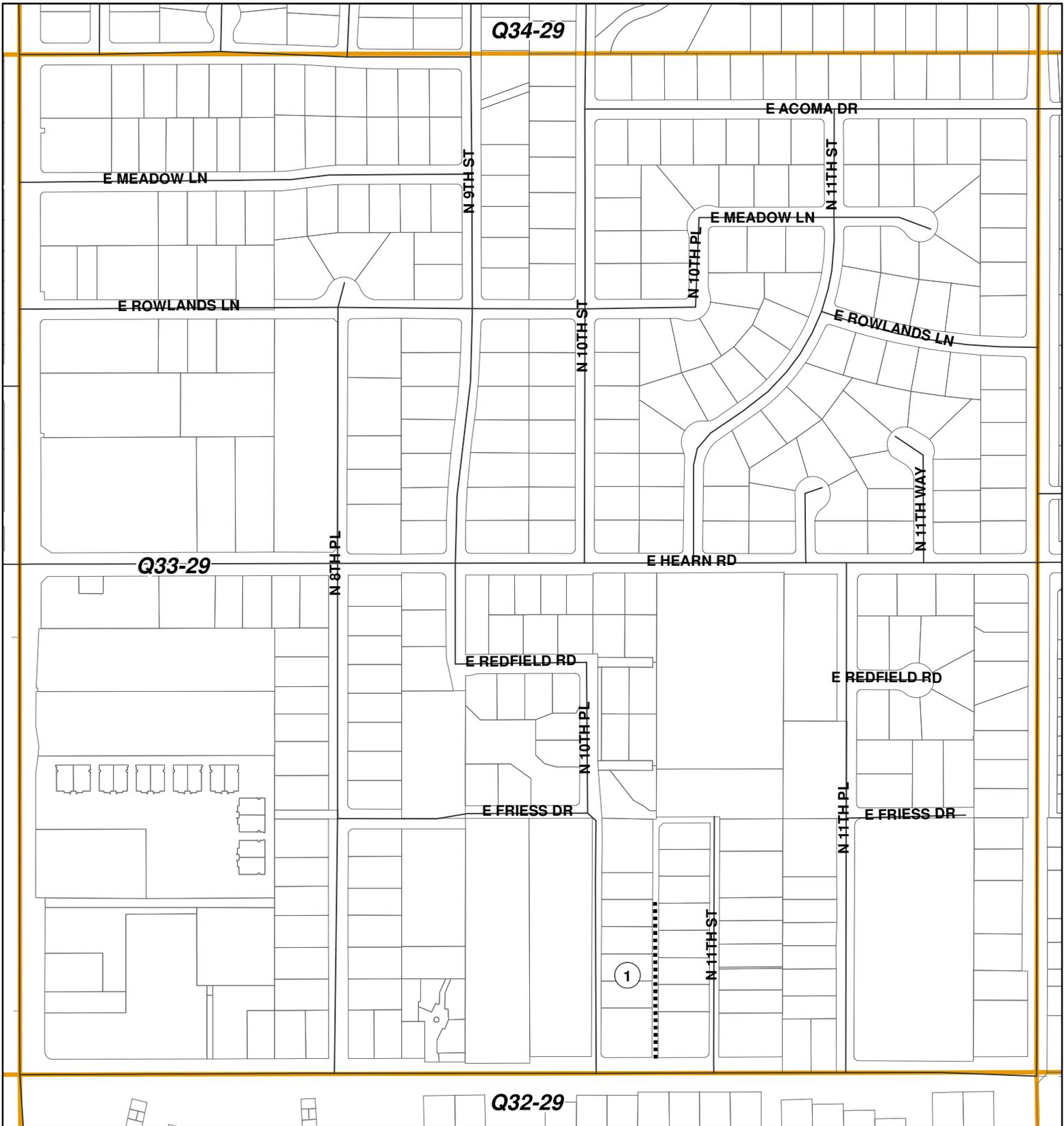
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-35
Alley (Miles) 0.20



City of Phoenix

Street Transportation Department
 Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-29
Alley (Miles) 0.08



City of Phoenix

Street Transportation Department
 Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-29
Alley (Miles) 0.08



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



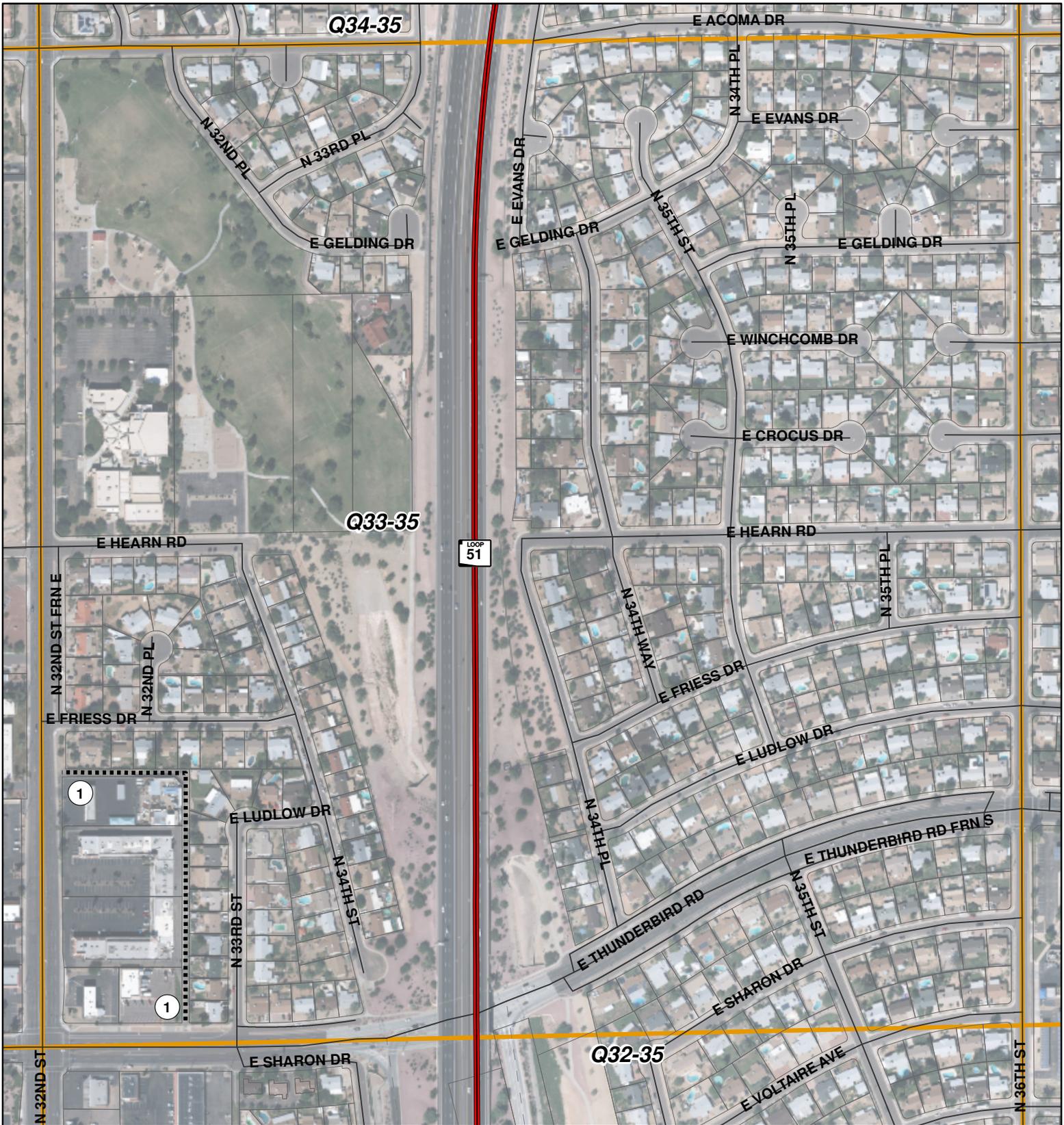
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-35
Alley (Miles) 0.19



City of Phoenix

Street Transportation Department
 Street Maintenance Division



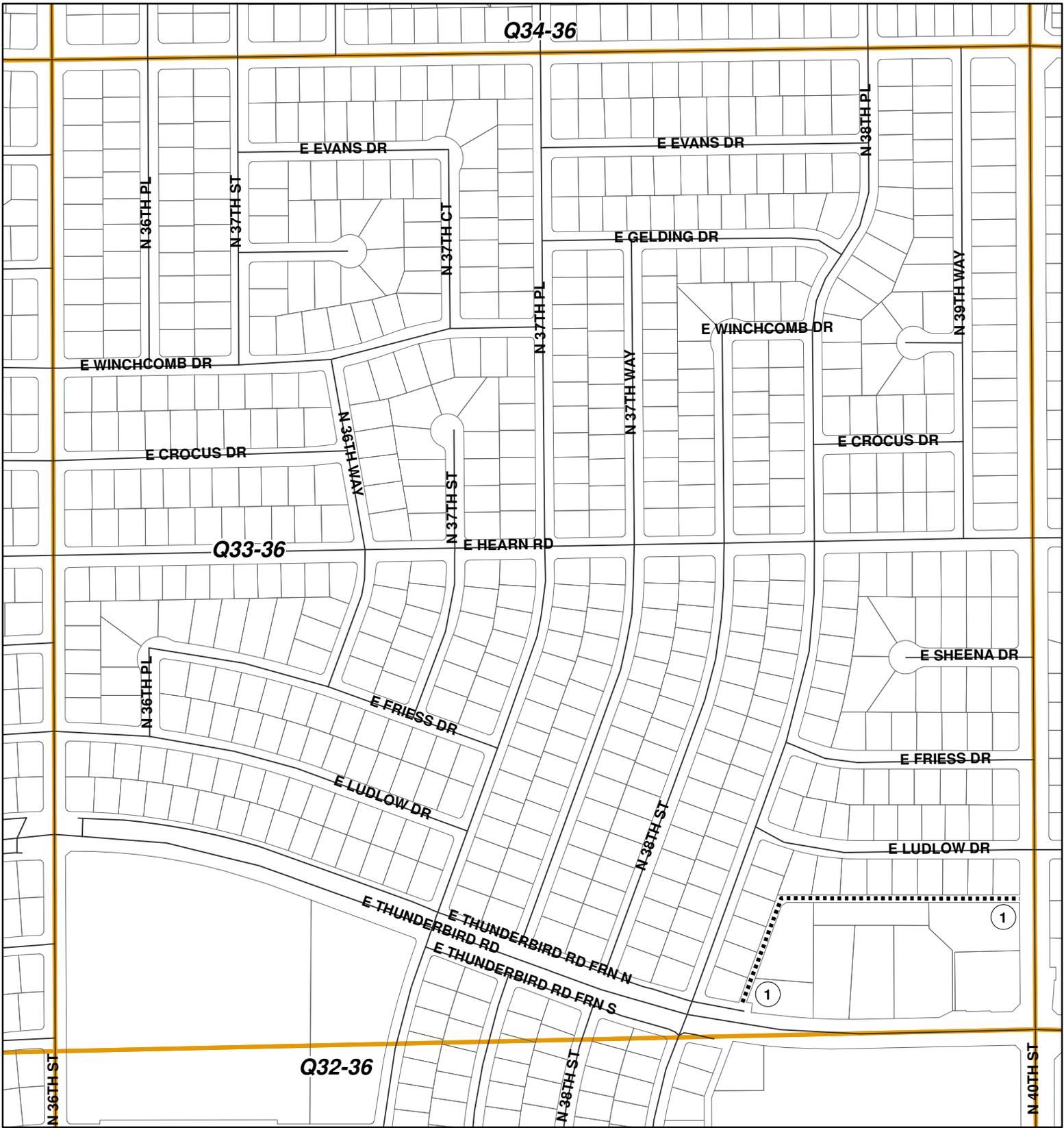
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-35
Alley (Miles) 0.19



City of Phoenix

Street Transportation Department
 Street Maintenance Division



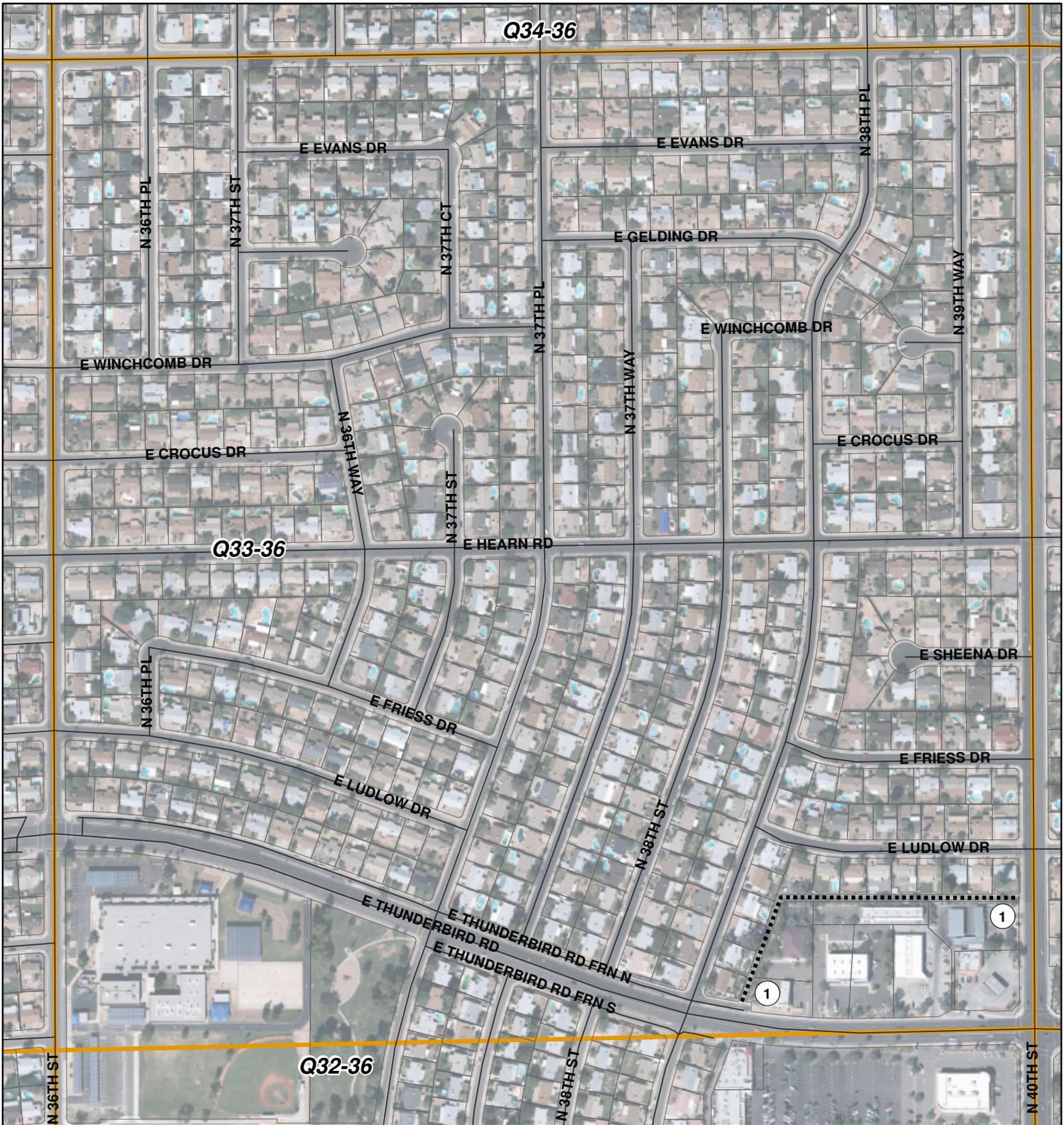
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-36
Alley (Miles) 0.18



City of Phoenix

Street Transportation Department
Street Maintenance Division

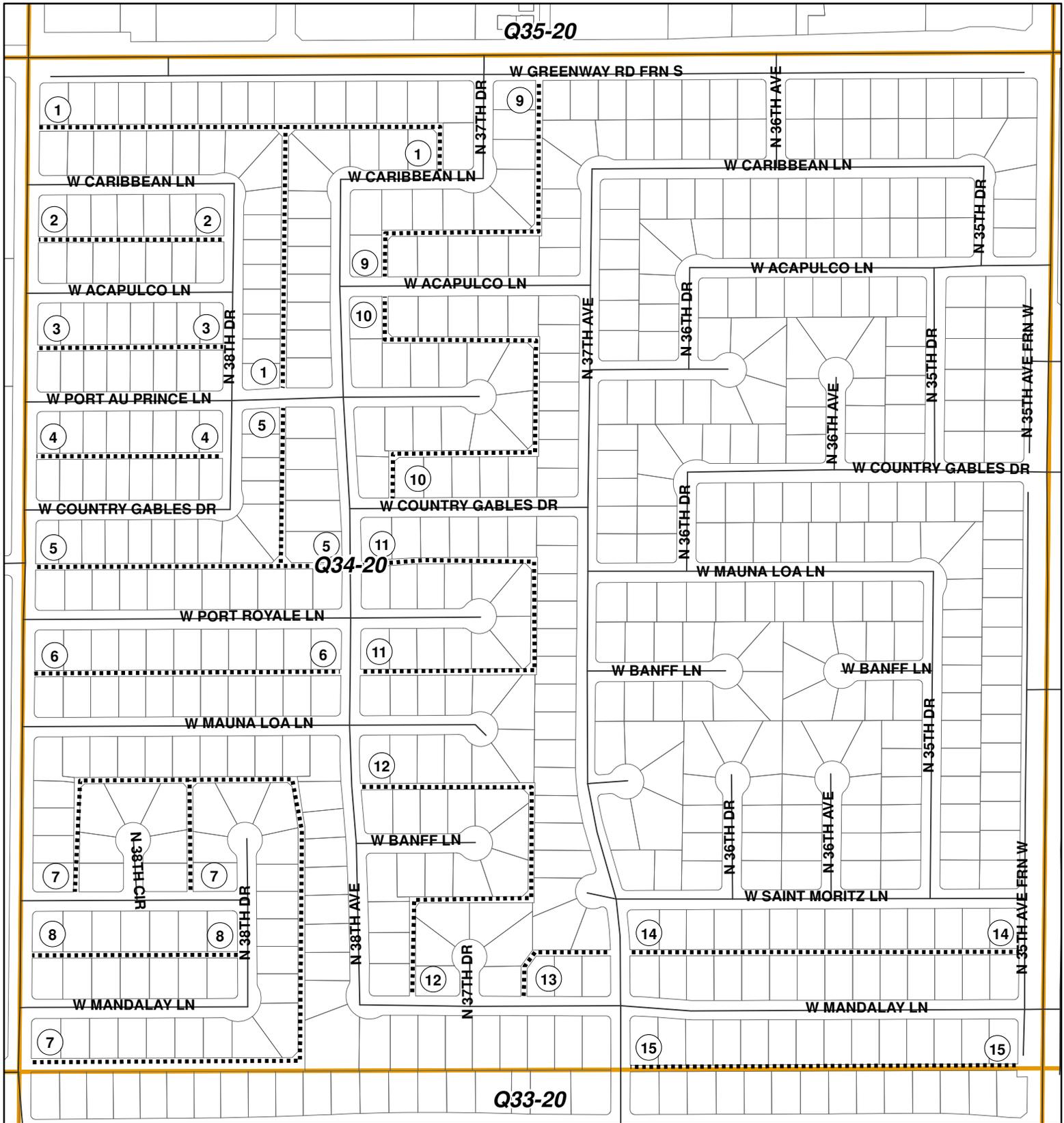


- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-36
Alley (Miles) 0.18



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



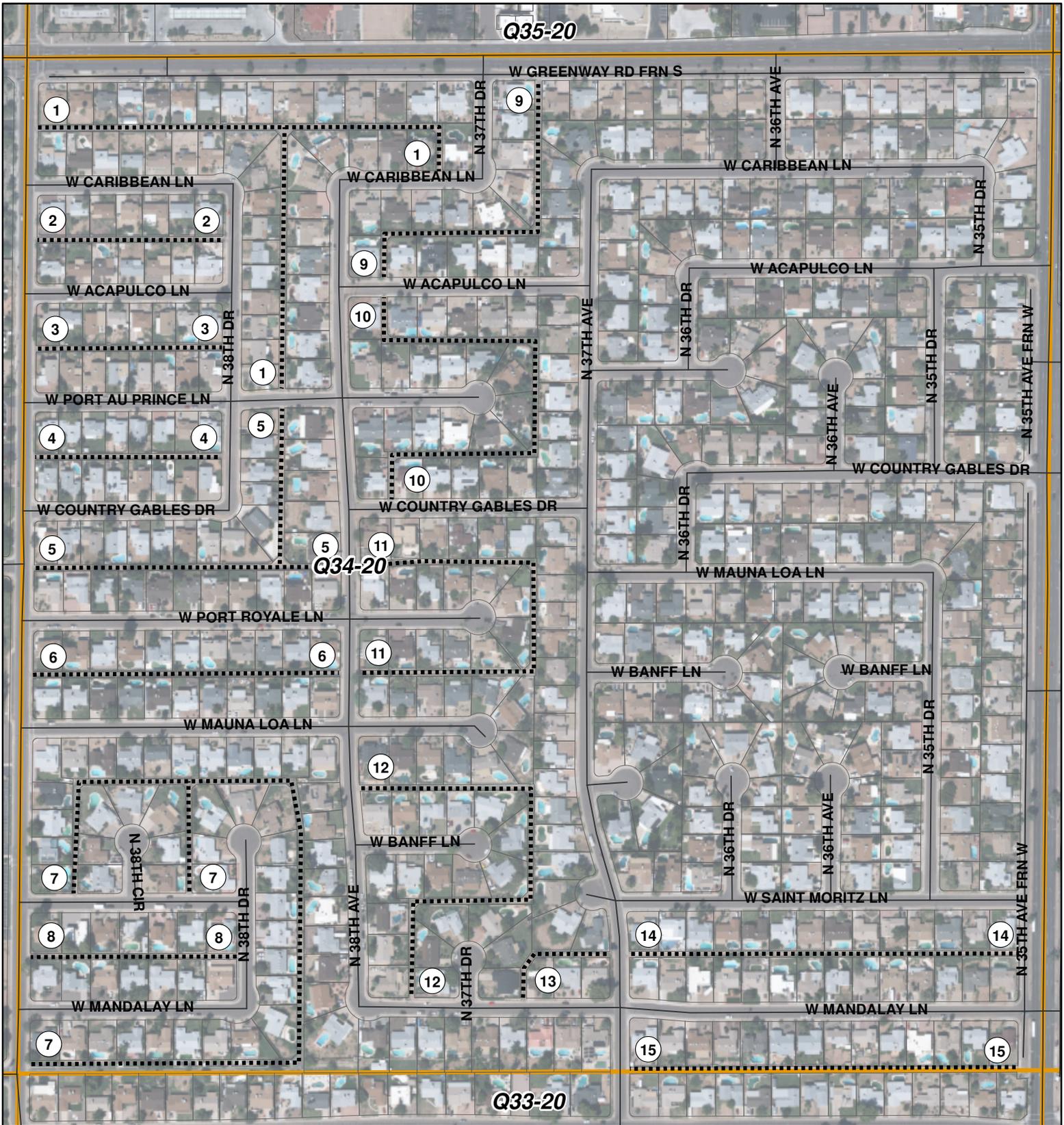
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 34-20
Alley (Miles) 2.89



City of Phoenix

Street Transportation Department
 Street Maintenance Division



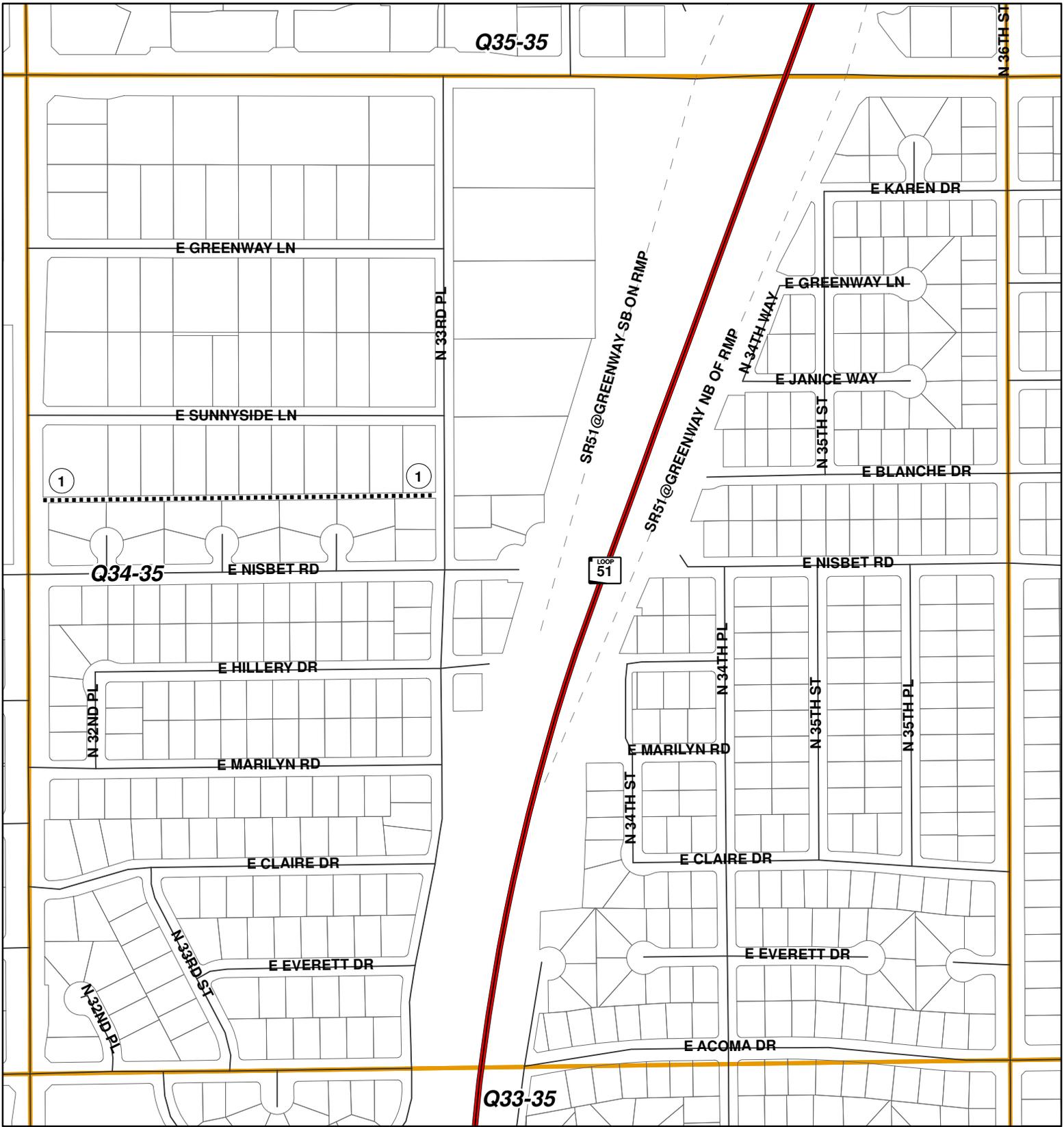
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 34-20
Alley (Miles) 2.89



City of Phoenix

Street Transportation Department
Street Maintenance Division



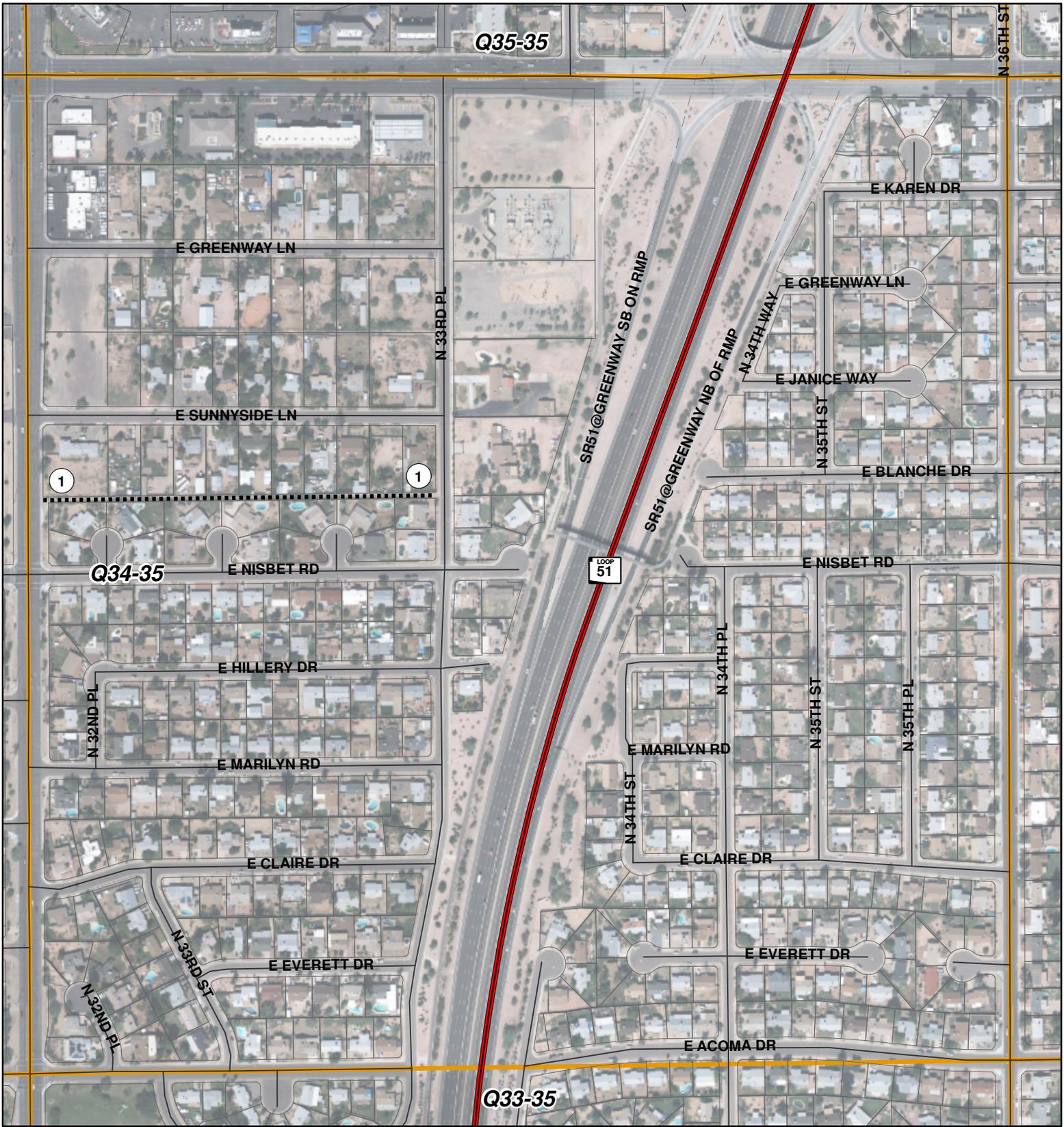
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 34-35
Alley (Miles) 0.20



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- Alleys
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- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 34-35
Alley (Miles) 0.20



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- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-24
Alley (Miles) 0.36



City of Phoenix

Street Transportation Department
 Street Maintenance Division



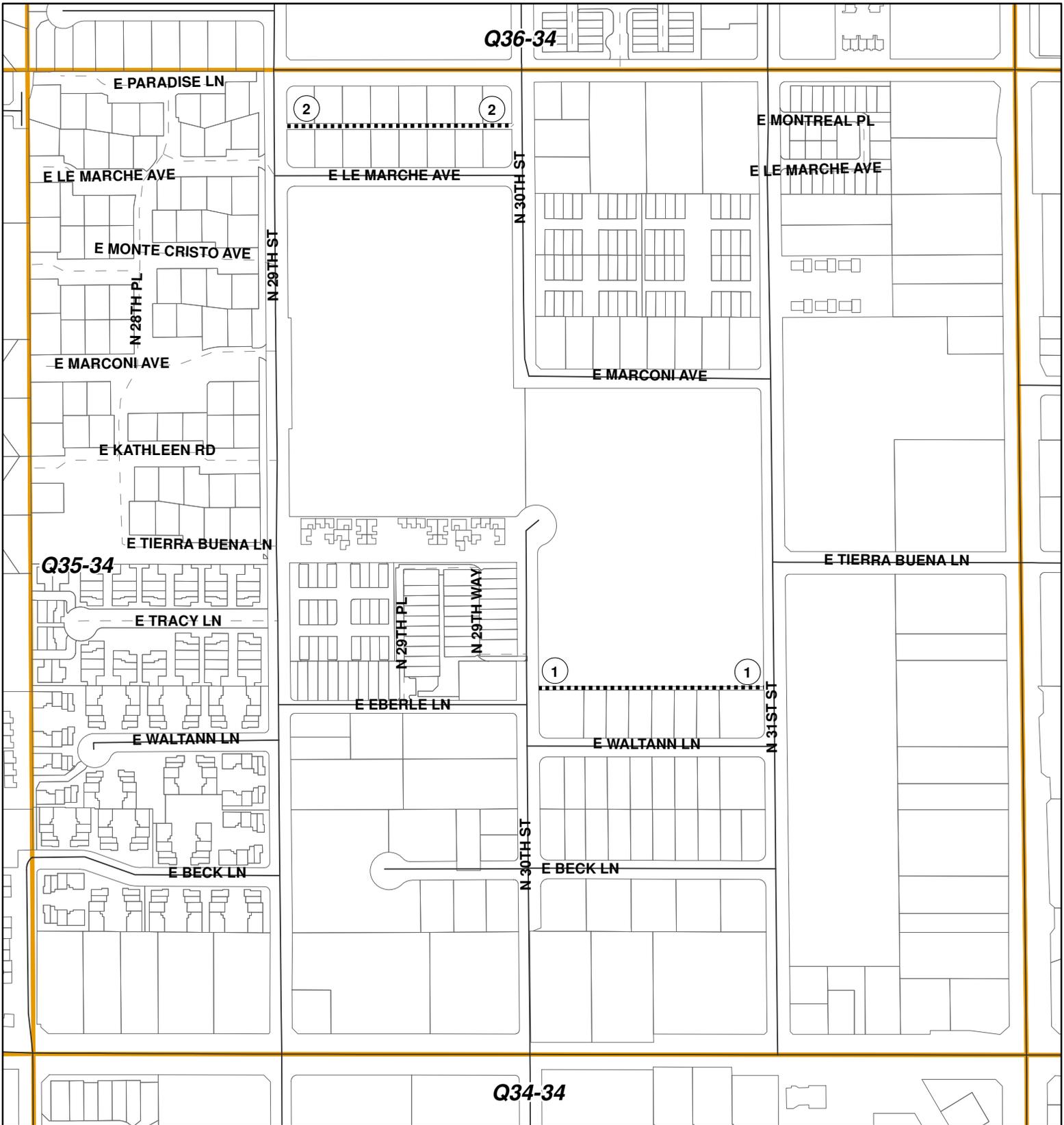
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-24
Alley (Miles) 0.36



City of Phoenix

Street Transportation Department
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- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-34
Alley (Miles) 0.23



City of Phoenix

Street Transportation Department
 Street Maintenance Division



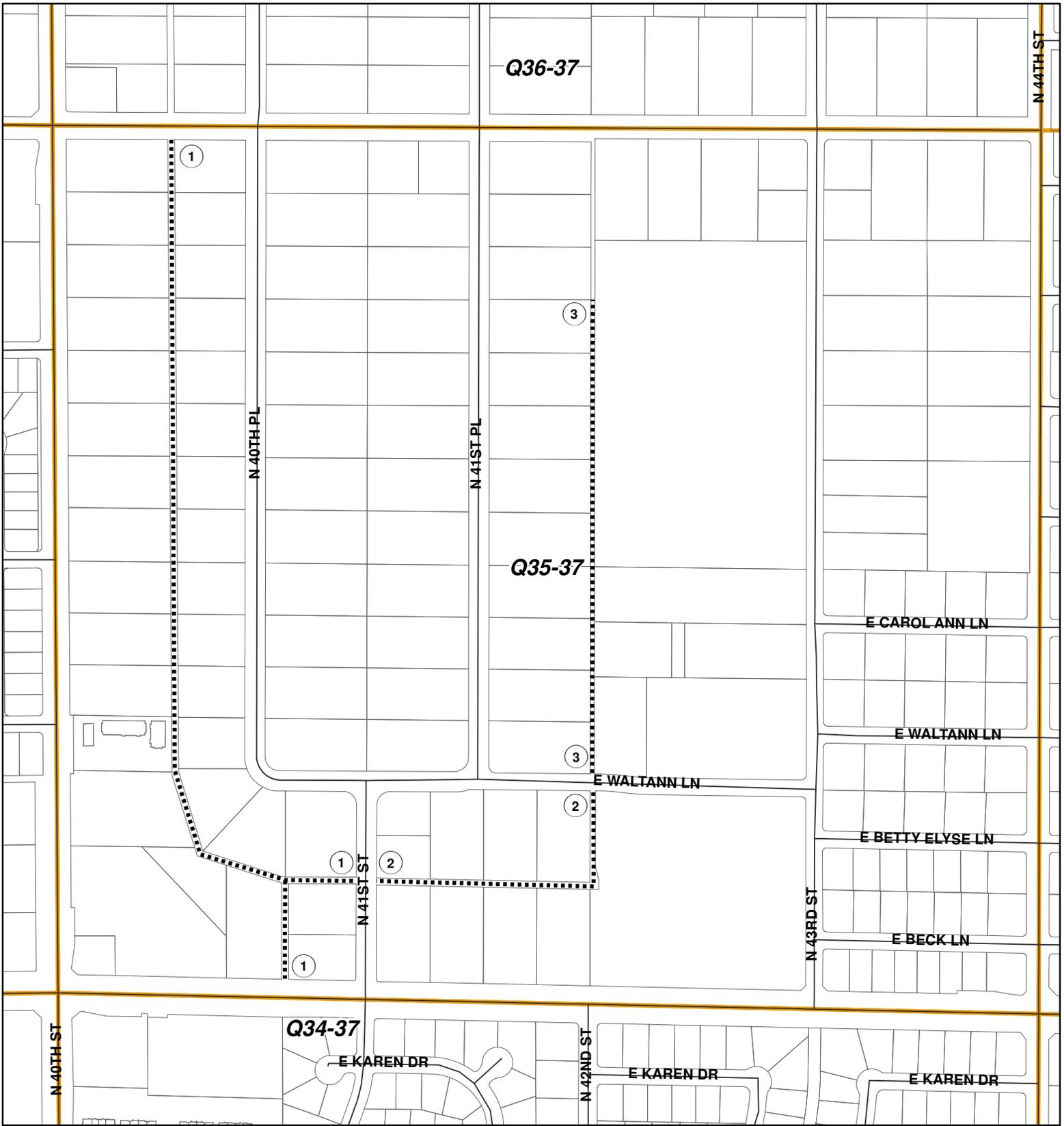
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-34
Alley (Miles) 0.23



City of Phoenix

Street Transportation Department
 Street Maintenance Division



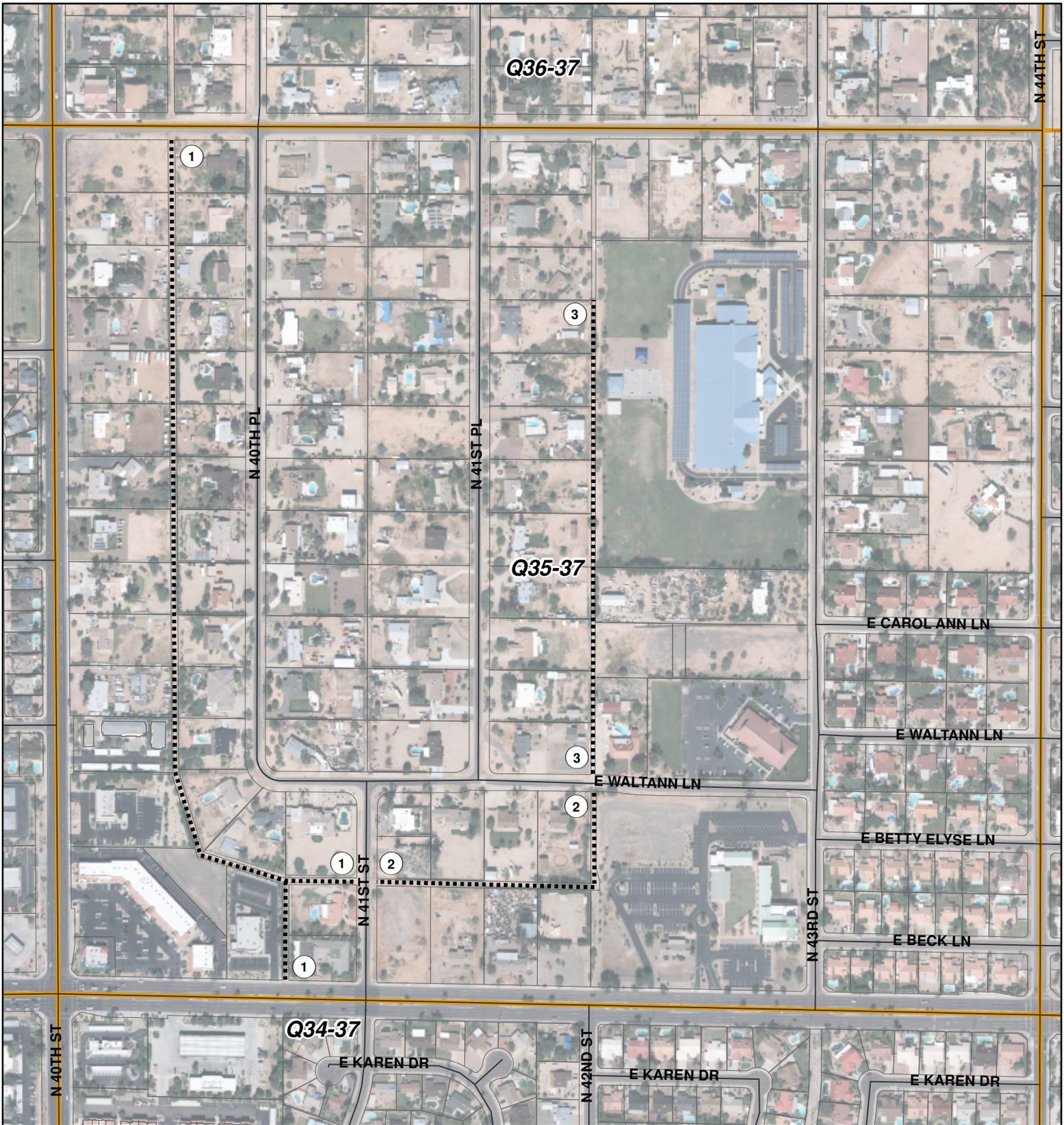
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-37
Alley (Miles) 0.99



City of Phoenix

Street Transportation Department
Street Maintenance Division



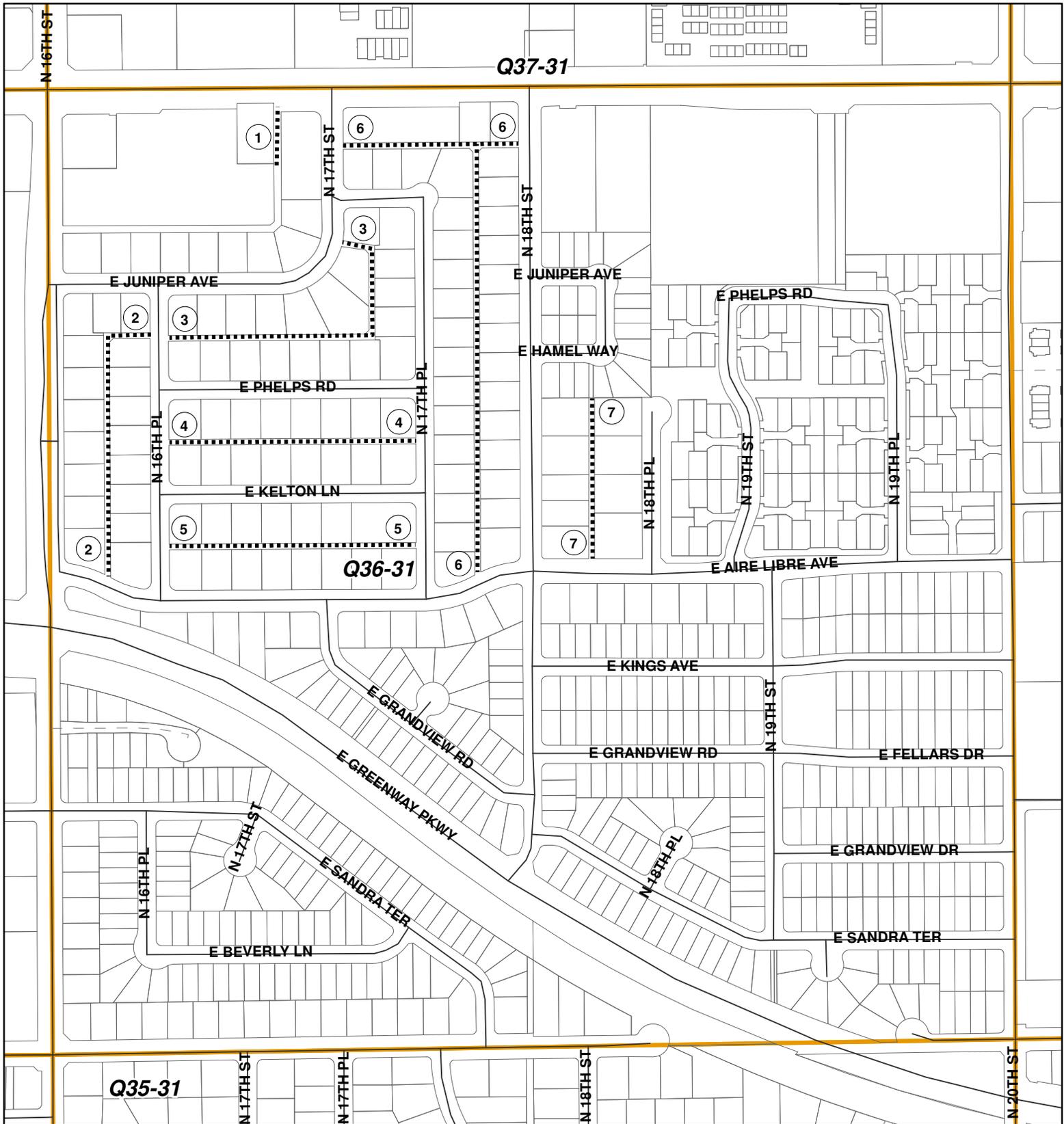
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 35-37
Alley (Miles) 0.99



City of Phoenix

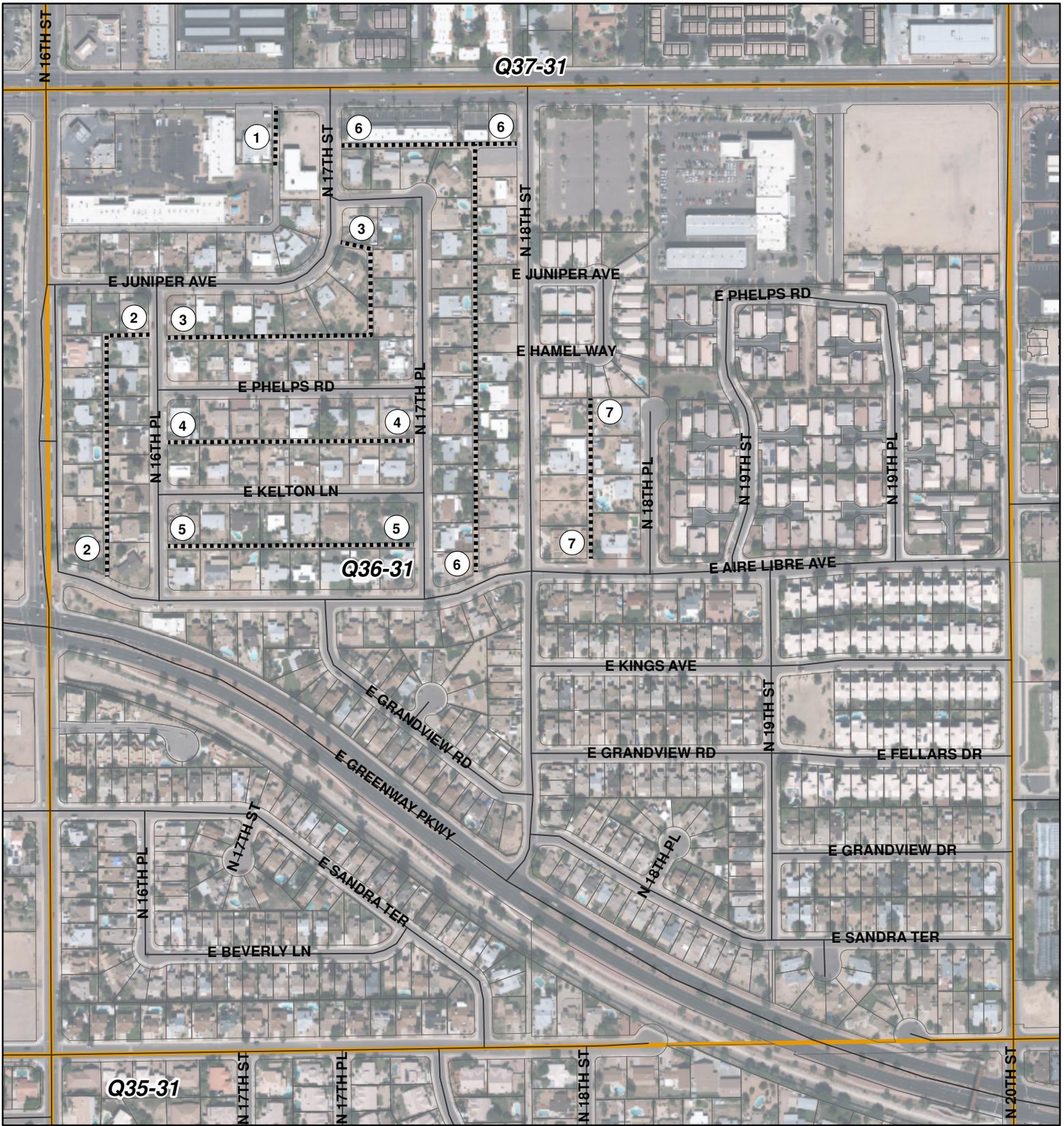
Street Transportation Department
Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 36-31
Alley (Miles) 0.99





- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

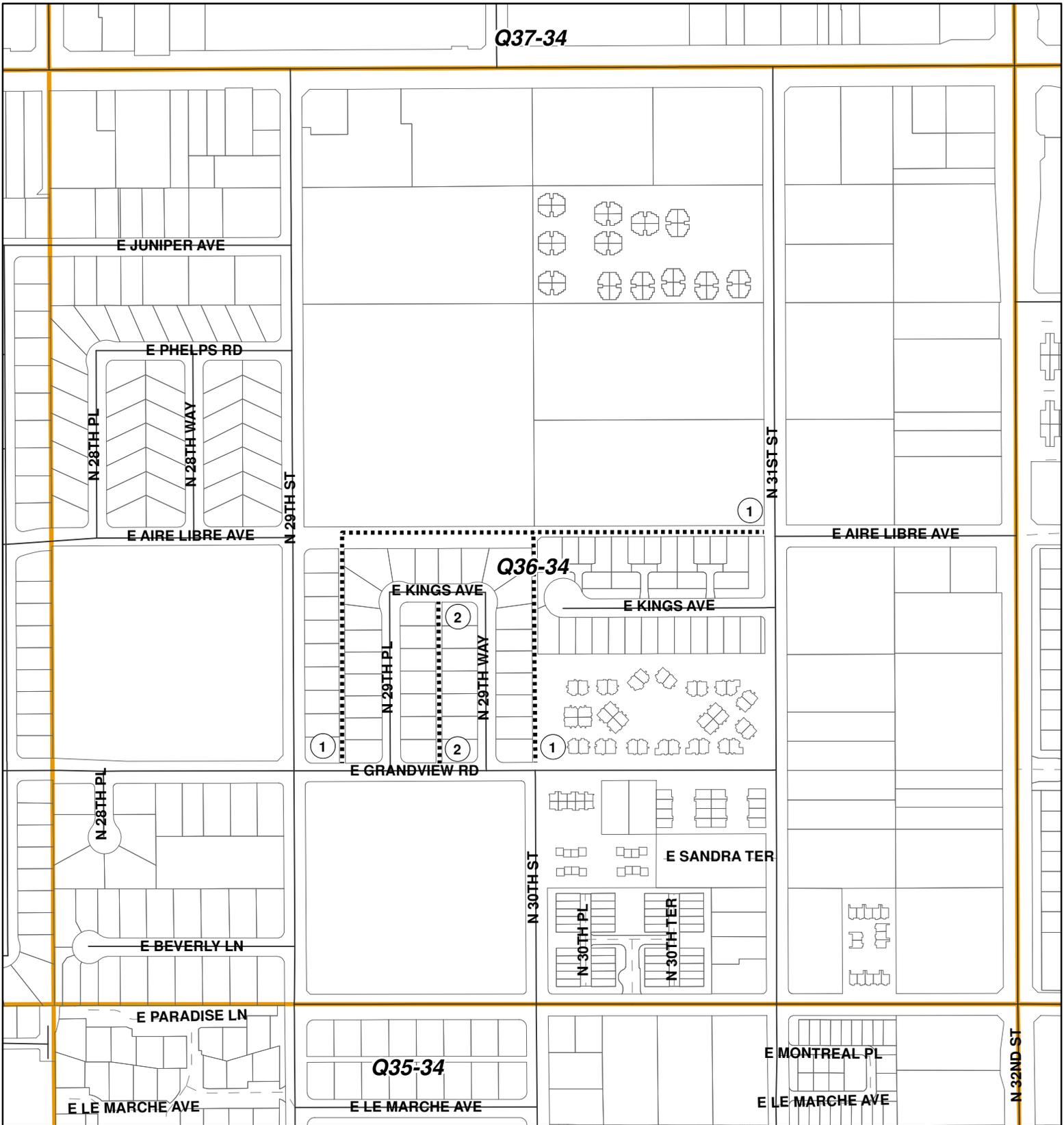
Quarter Section 36-31
Alley (Miles) 0.99



City of Phoenix

Street Transportation Department
Street Maintenance Division

Q37-34



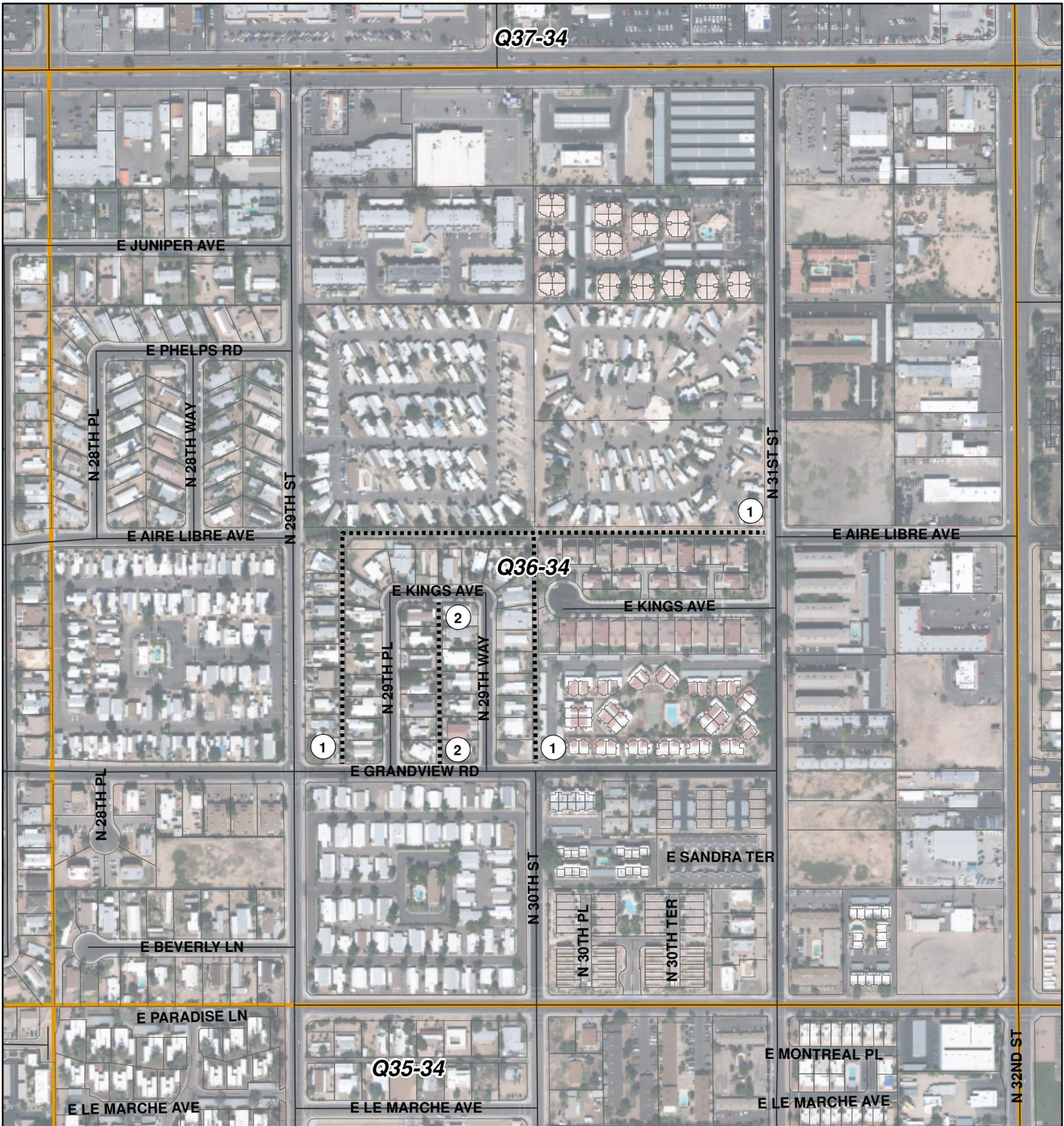
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 36-34
Alley (Miles) 0.54



City of Phoenix

Street Transportation Department
 Street Maintenance Division



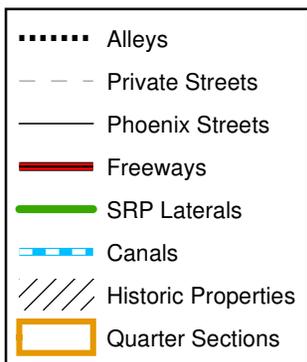
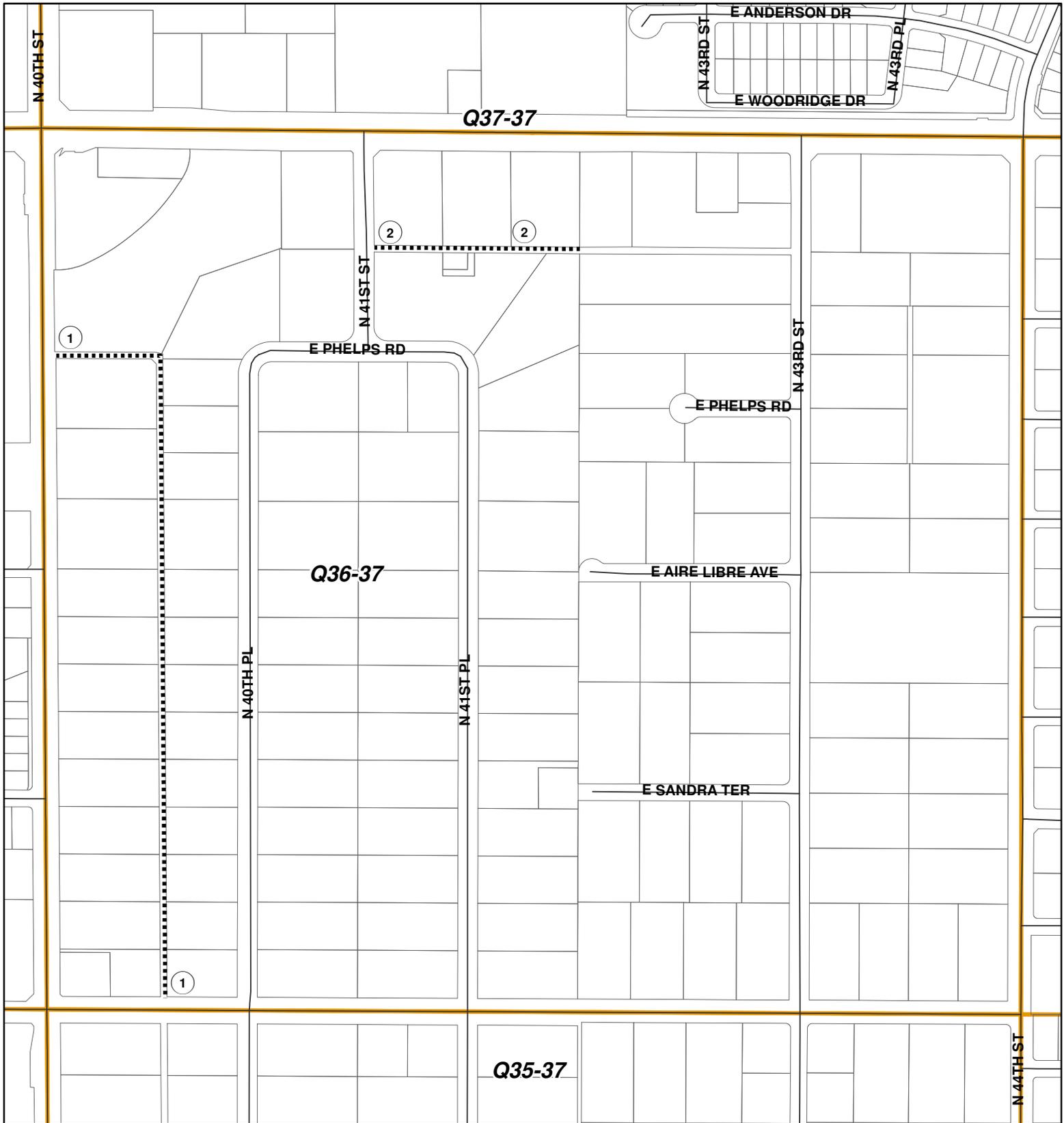
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 36-34
Alley (Miles) 0.54



City of Phoenix

Street Transportation Department
Street Maintenance Division

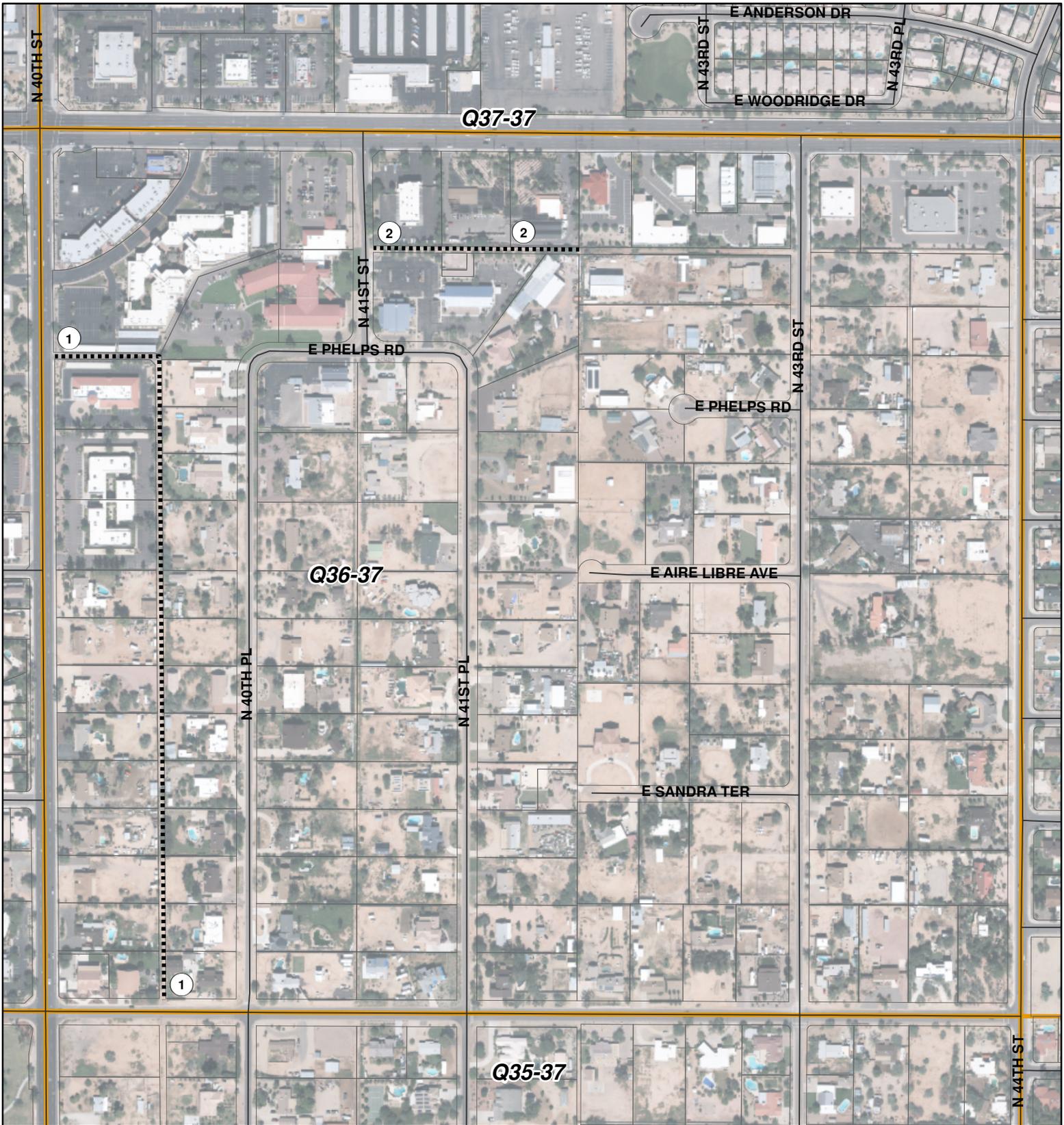


Quarter Section 36-37
Alley (Miles) 0.54



City of Phoenix

Street Transportation Department
 Street Maintenance Division



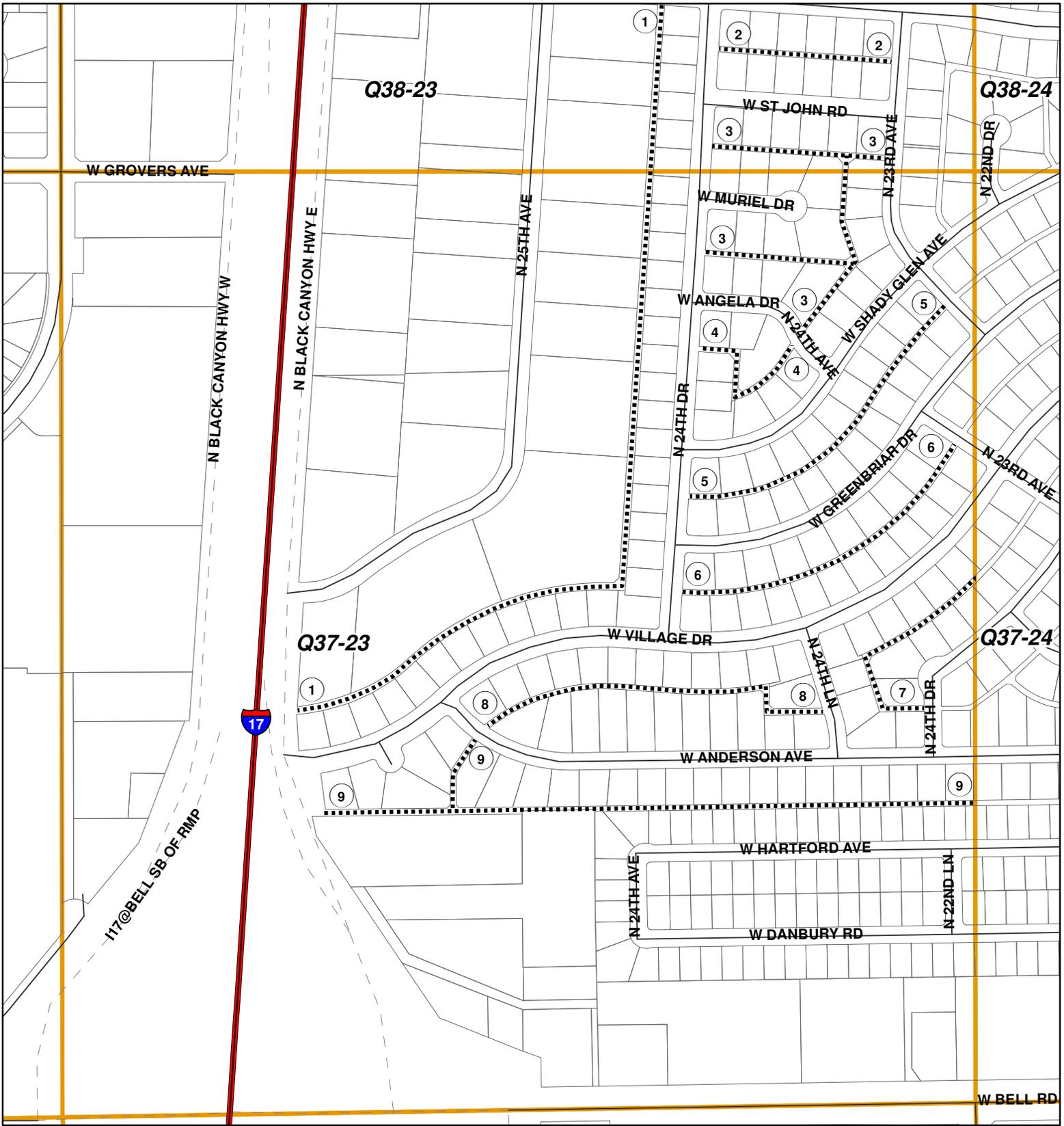
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 36-37
Alley (Miles) 0.54



City of Phoenix

Street Transportation Department
Street Maintenance Division



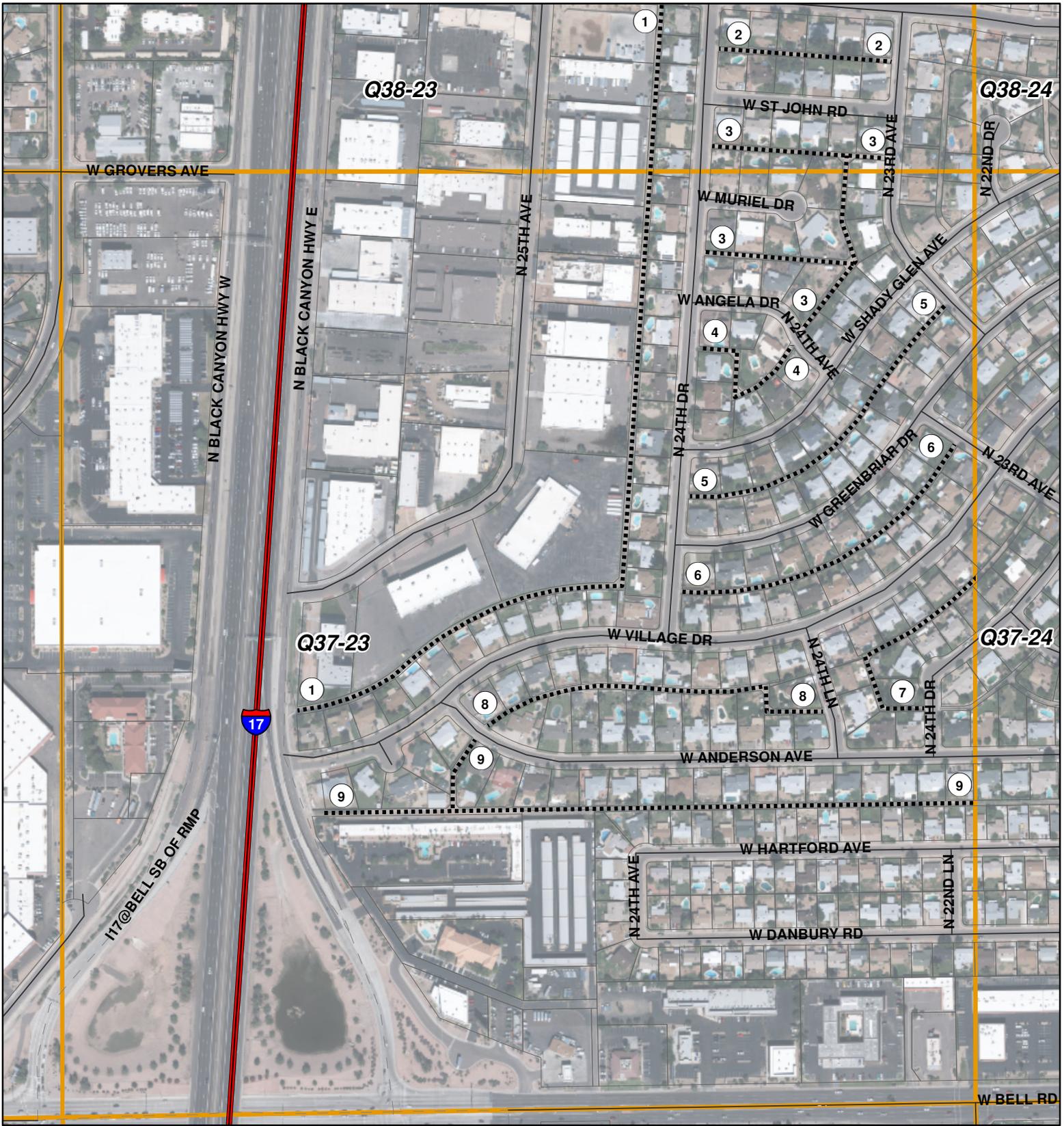
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-23
Alley (Miles) 2.13



City of Phoenix

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- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-23
Alley (Miles) 2.13



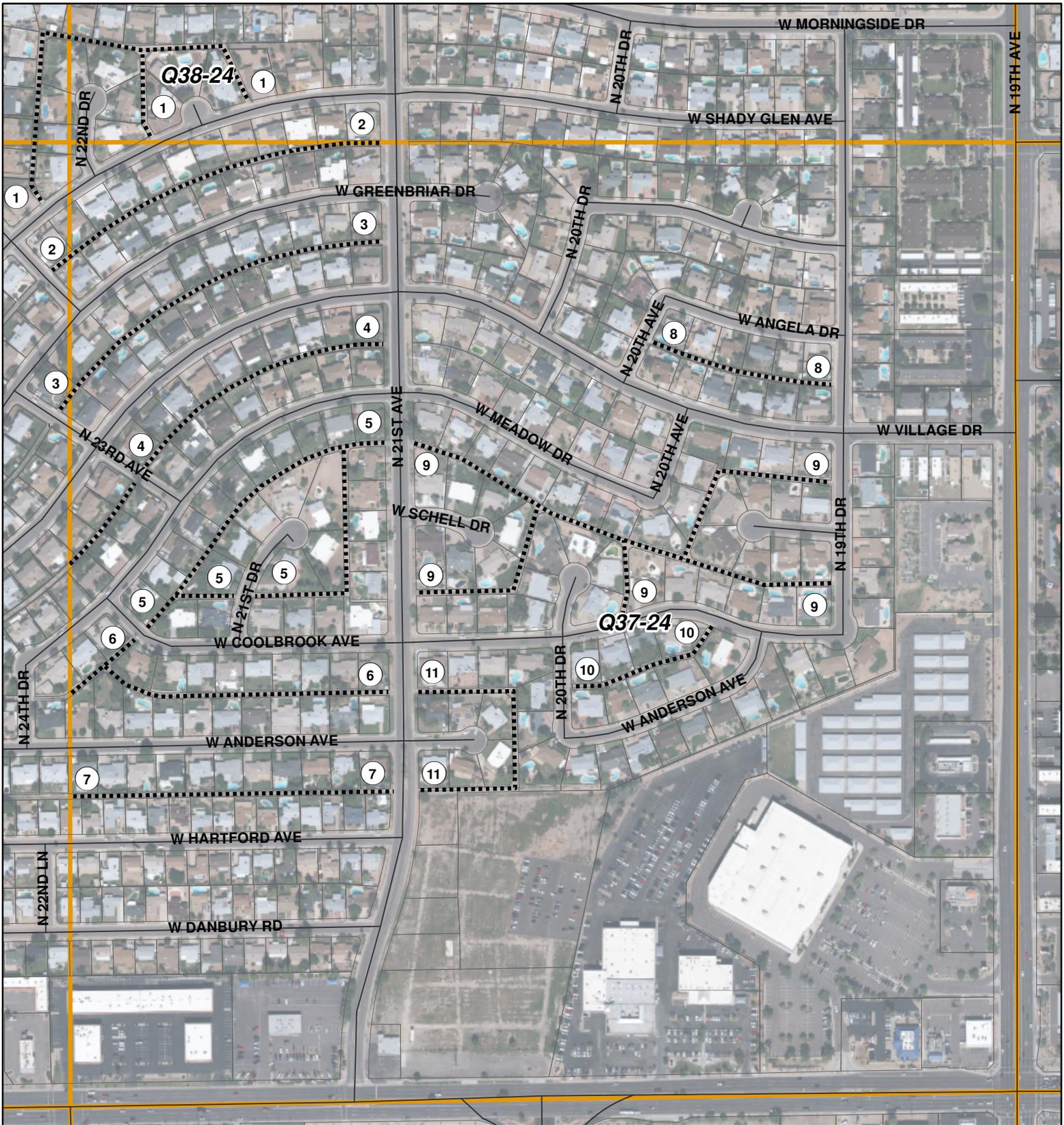
City of Phoenix
 Street Transportation Department
 Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-24
Alley (Miles) 2.34





- Alleys
- - - Private Streets
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- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-24
Alley (Miles) 2.34



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- Alleys
- - - Private Streets
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- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-26
Alley (Miles) 1.00



City of Phoenix

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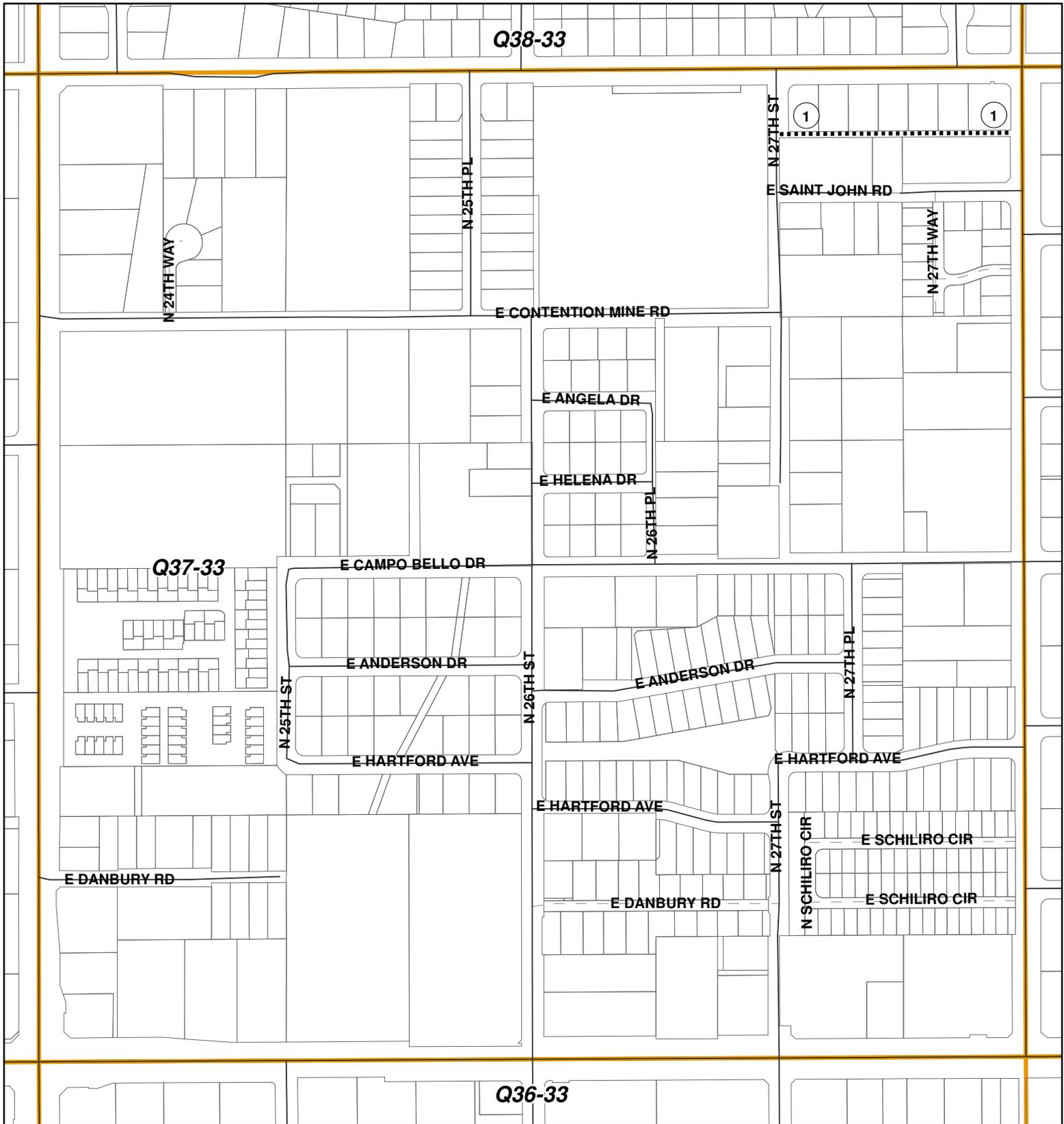
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
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- /// Historic Properties
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Quarter Section 37-26
Alley (Miles) 1.00



City of Phoenix

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- Alleys
- - - Private Streets
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- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-33
Alley (Miles) 0.12



City of Phoenix

Street Transportation Department
Street Maintenance Division



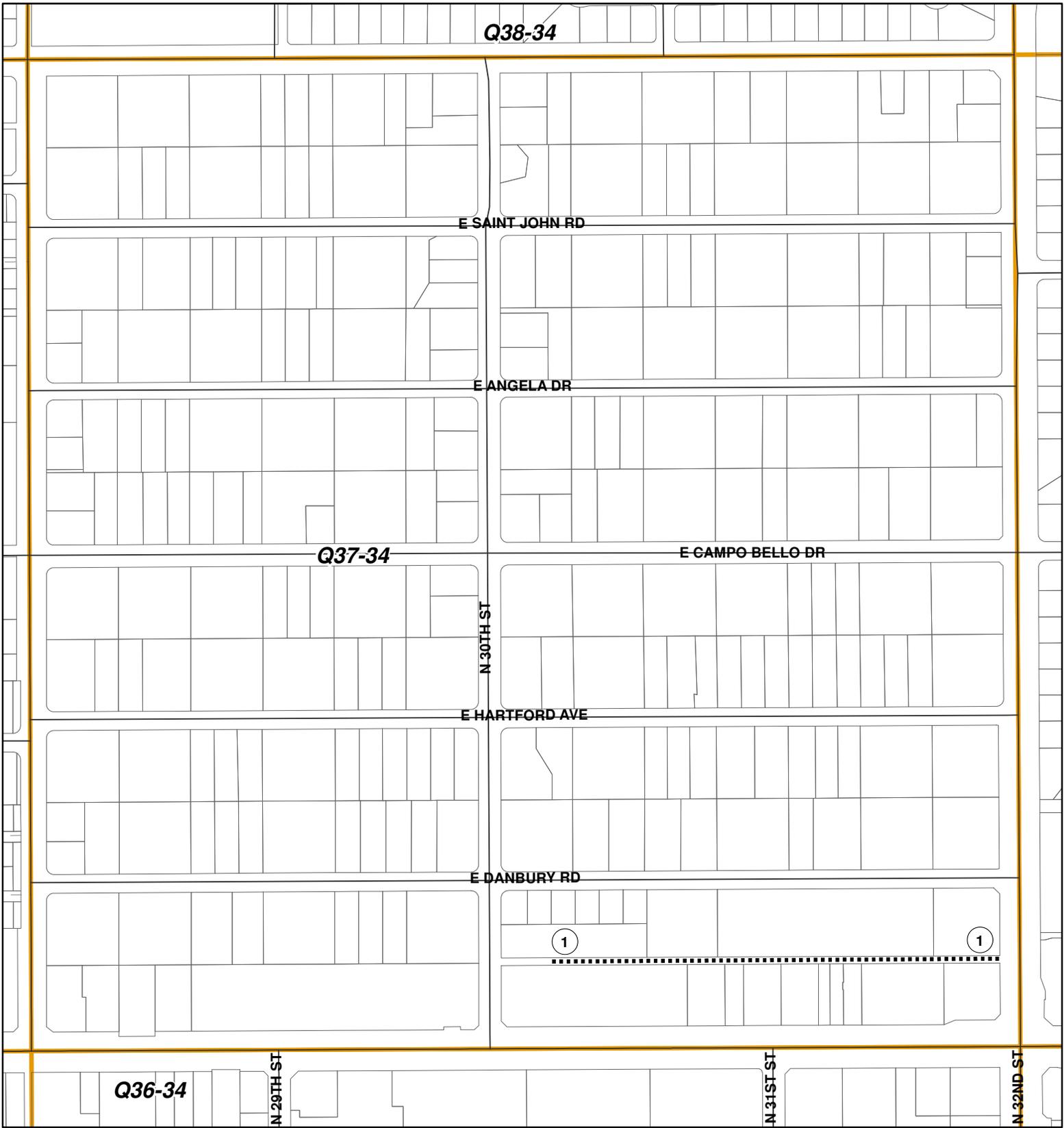
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-33
Alley (Miles) 0.12



City of Phoenix

Street Transportation Department
Street Maintenance Division



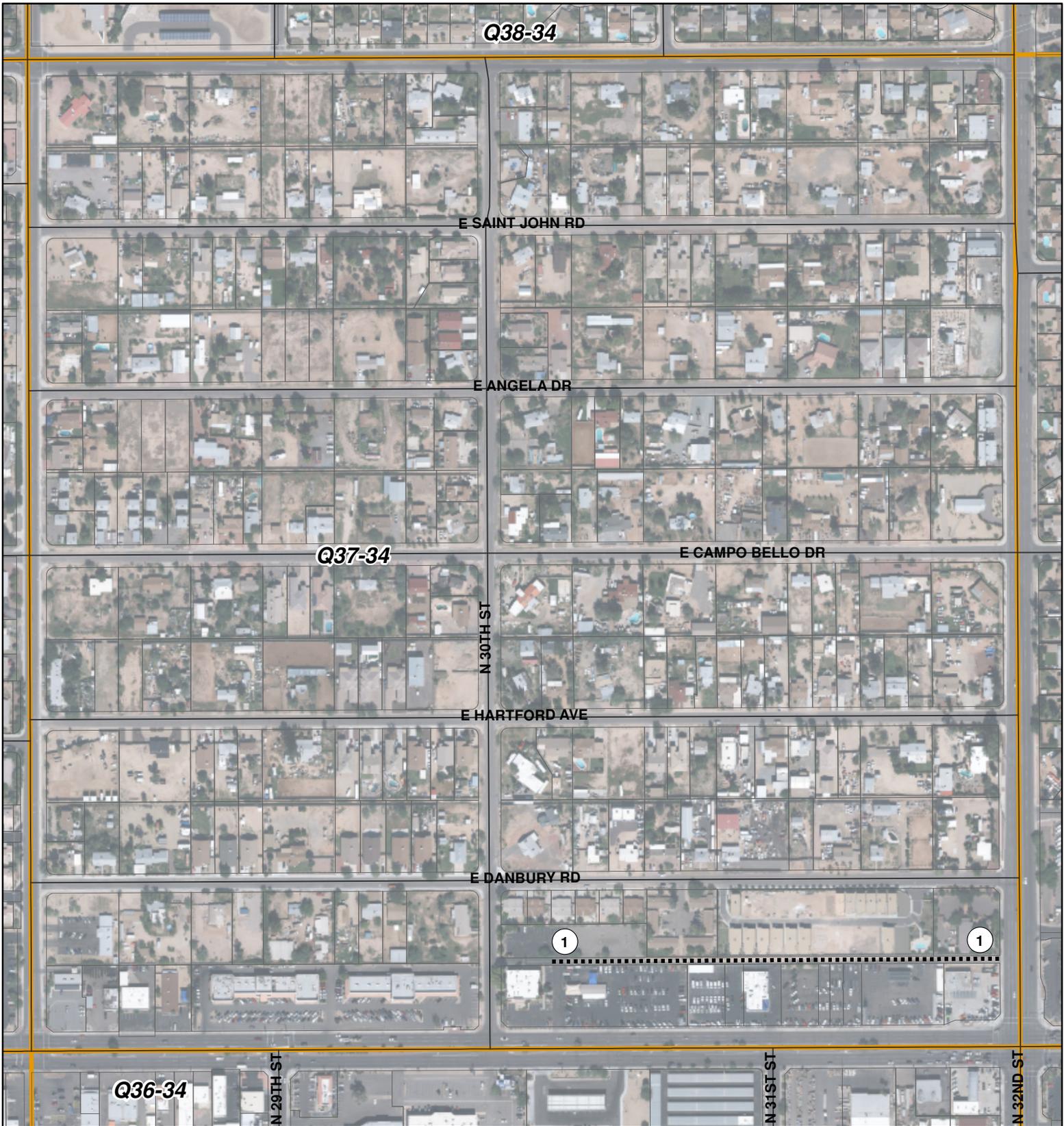
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-34
Alley (Miles) 0.23



City of Phoenix

Street Transportation Department
Street Maintenance Division



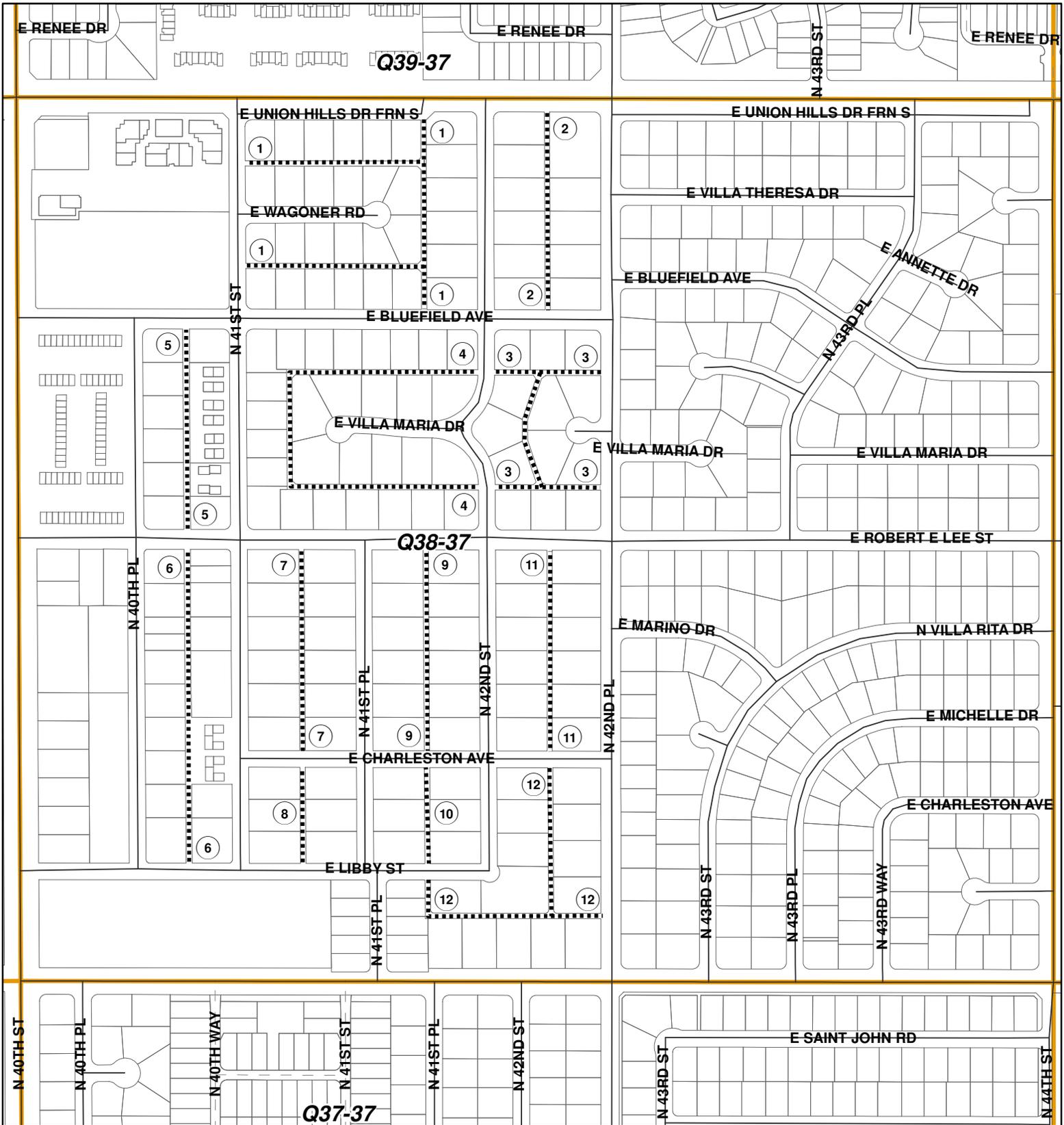
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 37-34
Alley (Miles) 0.23



City of Phoenix

Street Transportation Department
Street Maintenance Division



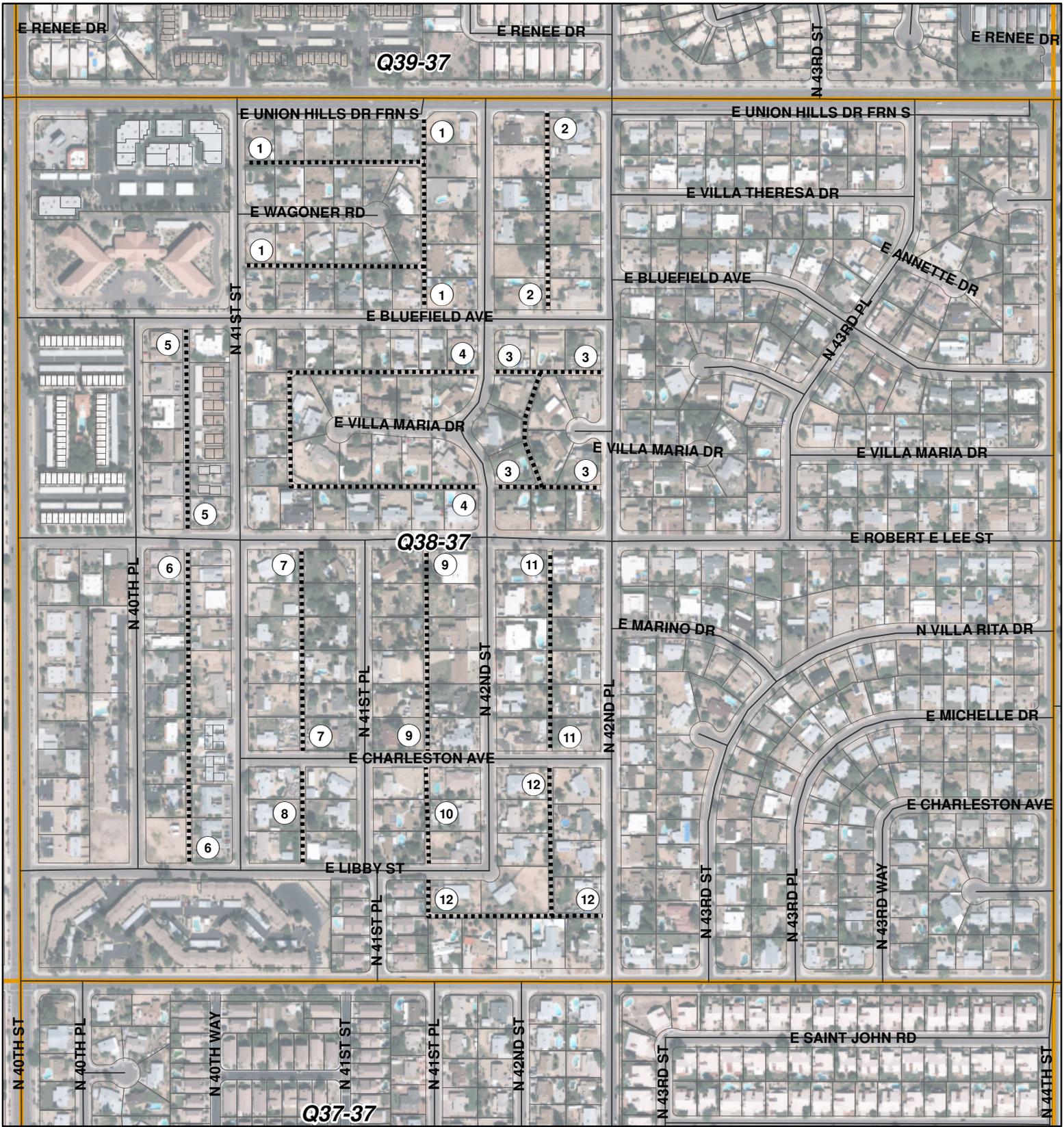
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 38-37
Alley (Miles) 1.83



City of Phoenix

Street Transportation Department
Street Maintenance Division



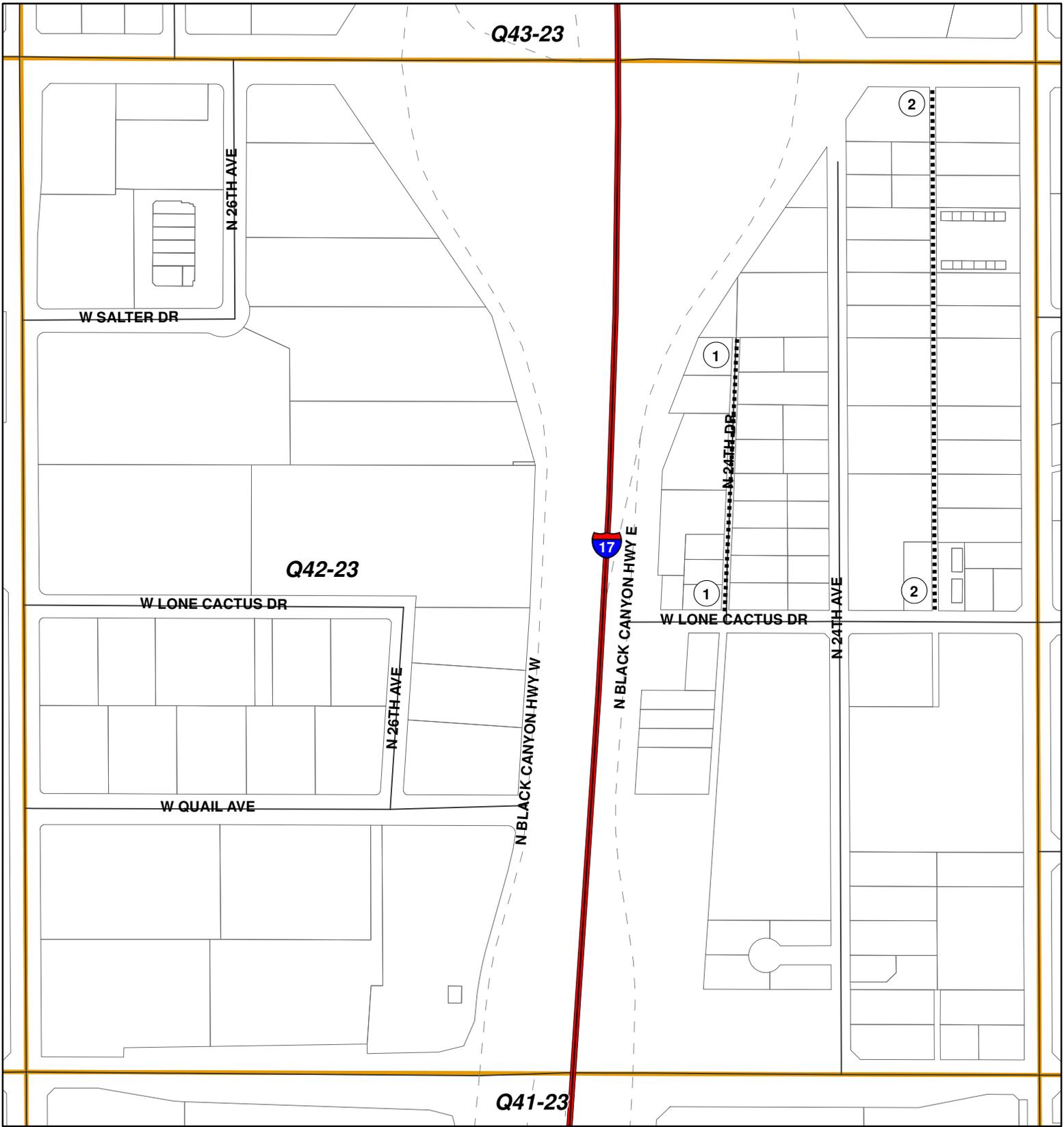
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 38-37
Alley (Miles) 1.83



City of Phoenix

Street Transportation Department
Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 42-23
Alley (Miles) 0.40



City of Phoenix

Street Transportation Department
 Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 42-24
Alley (Miles) 0.06



City of Phoenix

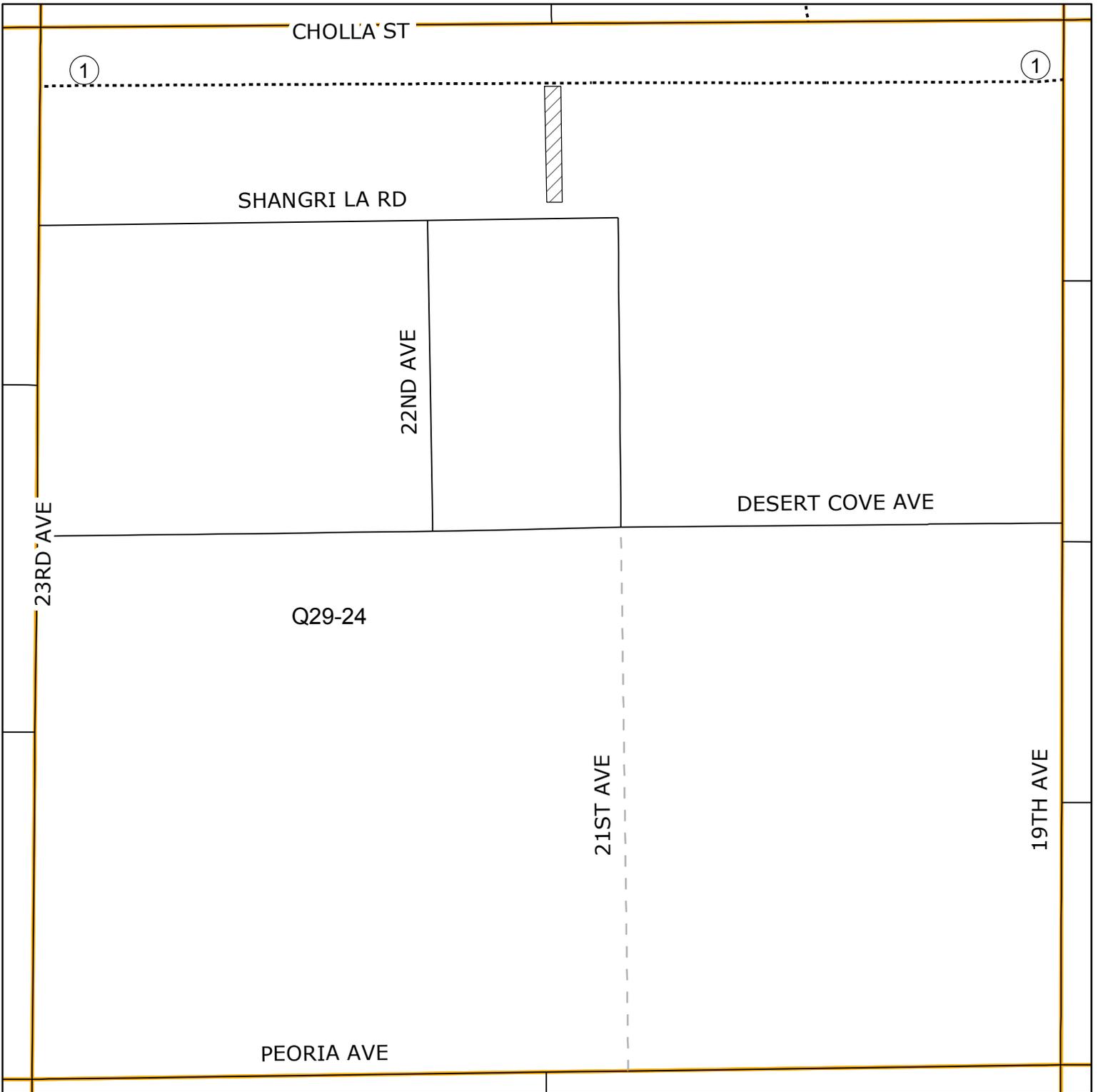
Street Transportation Department
Street Maintenance Division



- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 42-24
Alley (Miles) 0.06





Legend

STREETS

— Accepted Streets

JURISDICTION

- - Private

MapIndex

GISADM.ADOT_FREEWAYS

CANALS

GISADM.DSD_ABANDON

GISADM.HISTORIC_PROPERTIES

Quarter Section 29-24
Alley Miles 0.5





Legend

STREETS

— Accepted Streets

JURISDICTION

— Private

MapIndex

GISADM.ADOT_FREEWAYS

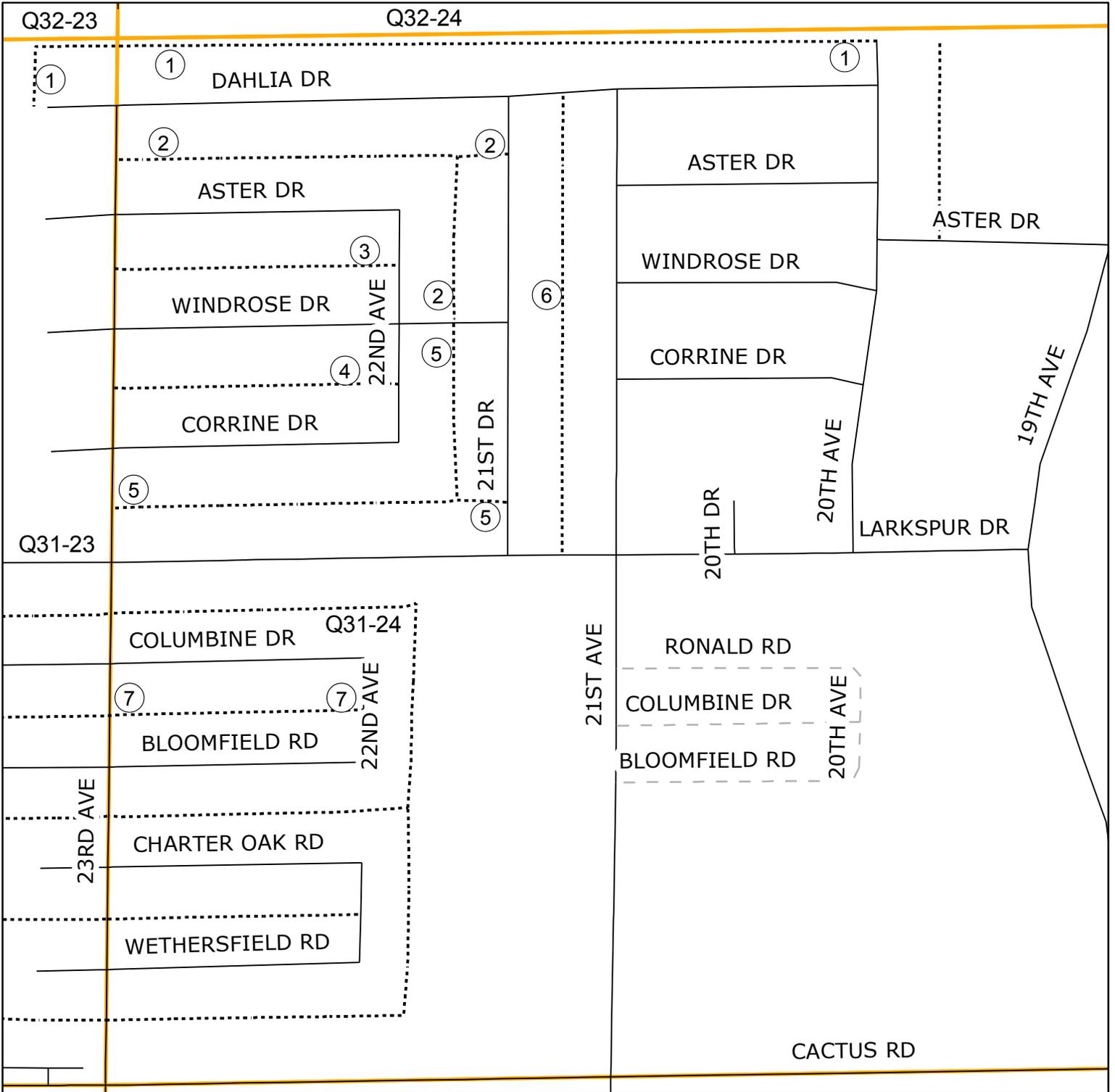
CANALS

GISADM.DSD_ABANDON

GISADM.HISTORIC_PROPERTIES

Quarter Section 29-24
 Alley Miles 0.5





- Legend**
- STREETS**
- Accepted Streets
- JURISDICTION**
- - Private
 - MapIndex
 - GISADM.ADOT_FREEWAYS
 - CANALS
 - GISADM.DSD_ABANDON
 - GISADM.HISTORIC_PROPERTIES

Quarter Section 31-24
 Alley Miles 1.5



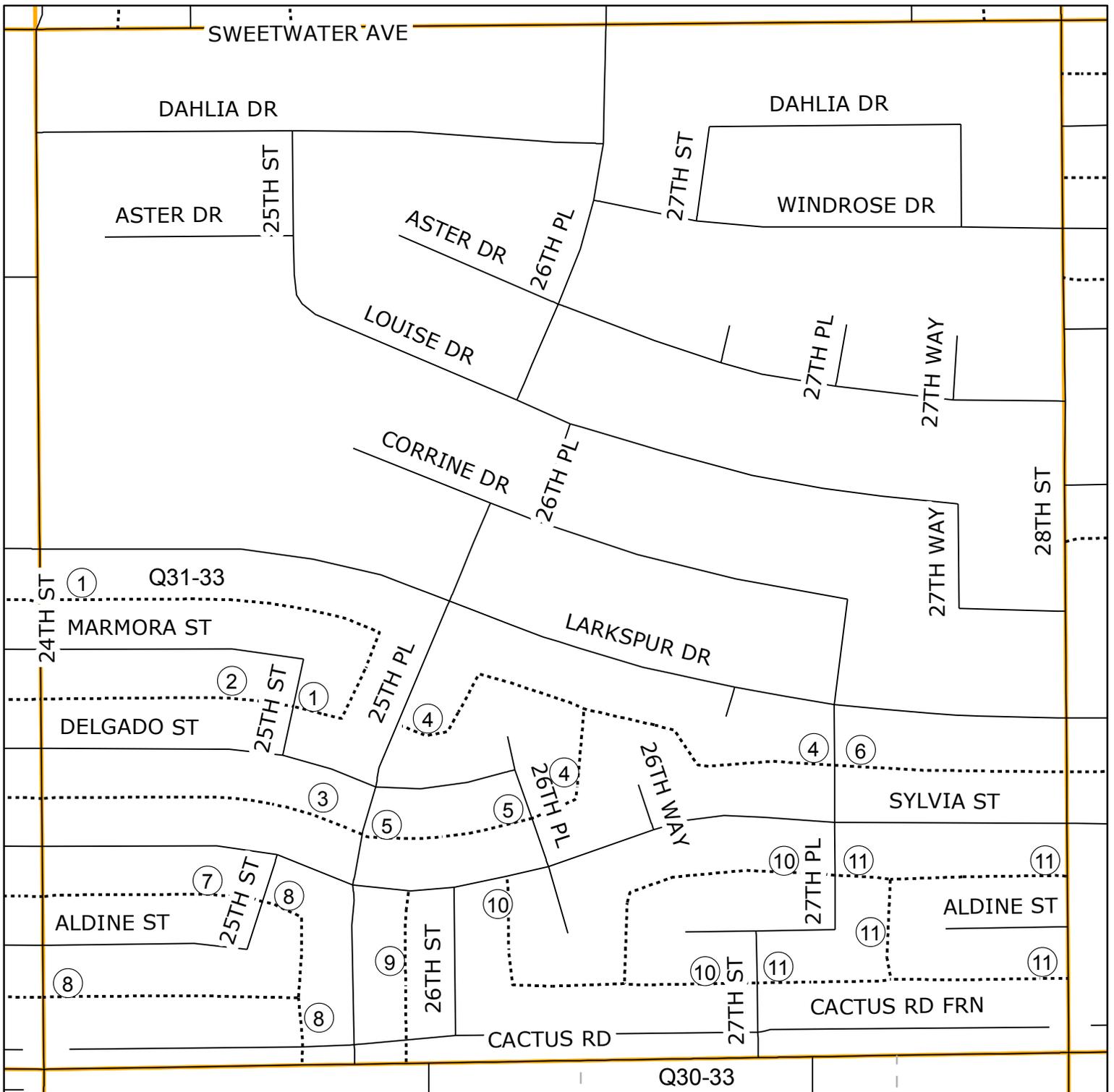


Legend

- STREETS**
- Accepted Streets
- JURISDICTION**
- Private
- MapIndex
- GISADM.ADOT_FREEWAYS
- CANALS
- GISADM.DSD_ABANDON
- GISADM.HISTORIC_PROPERTIES

Quarter Section 31-24
 Alley Miles 1.5

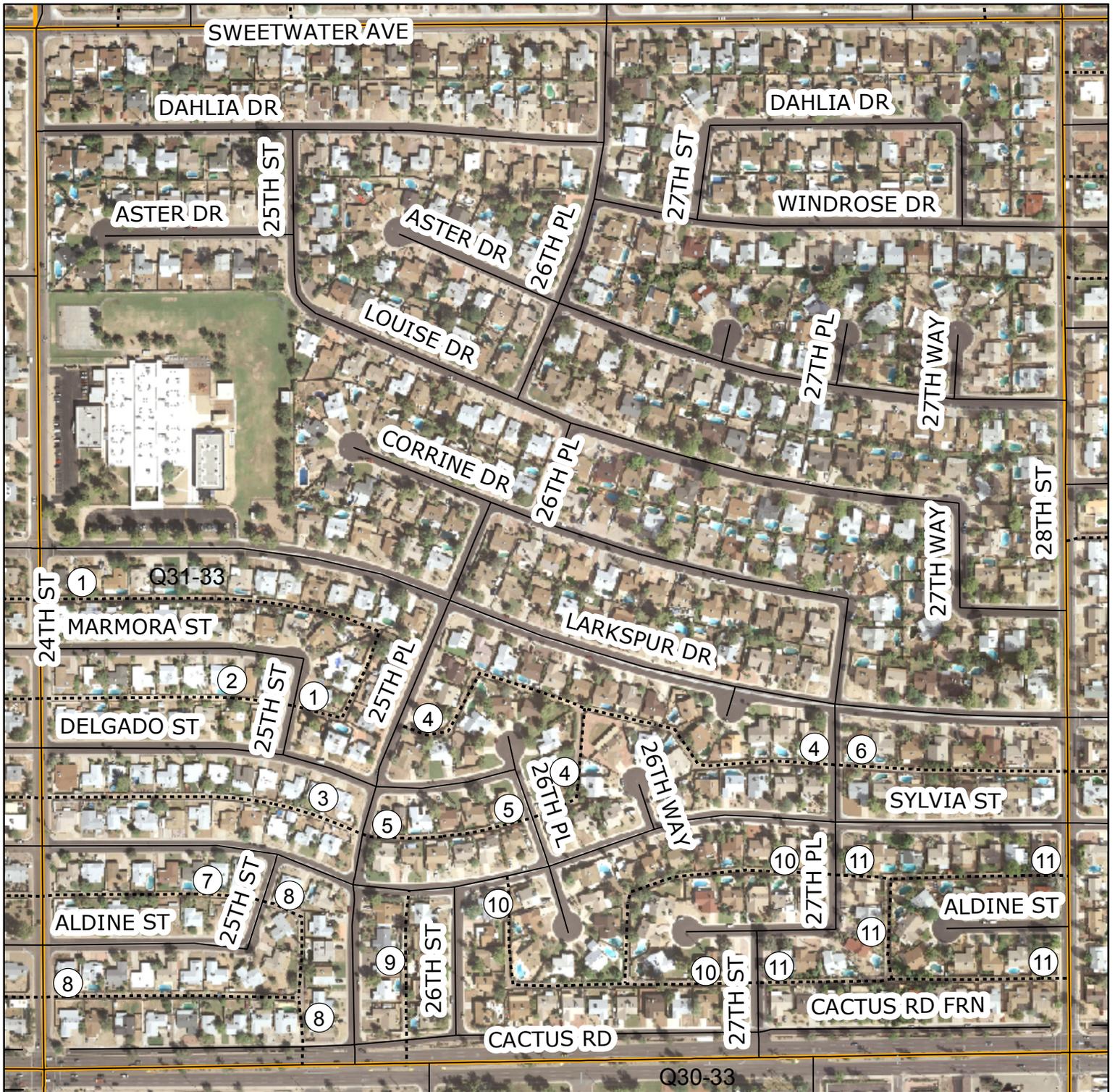




Quarter Section 31-33
 Alley Miles 1.9



- Legend**
- STREETS**
 - Accepted Streets
 - JURISDICTION**
 - - Private
 - MapIndex
 - GISADM.ADOT_FREEWAYS
 - CANALS
 - GISADM.DSD_ABANDON
 - GISADM.HISTORIC_PROPERTIES



Quarter Section 31-33
 Alley Miles 1.9



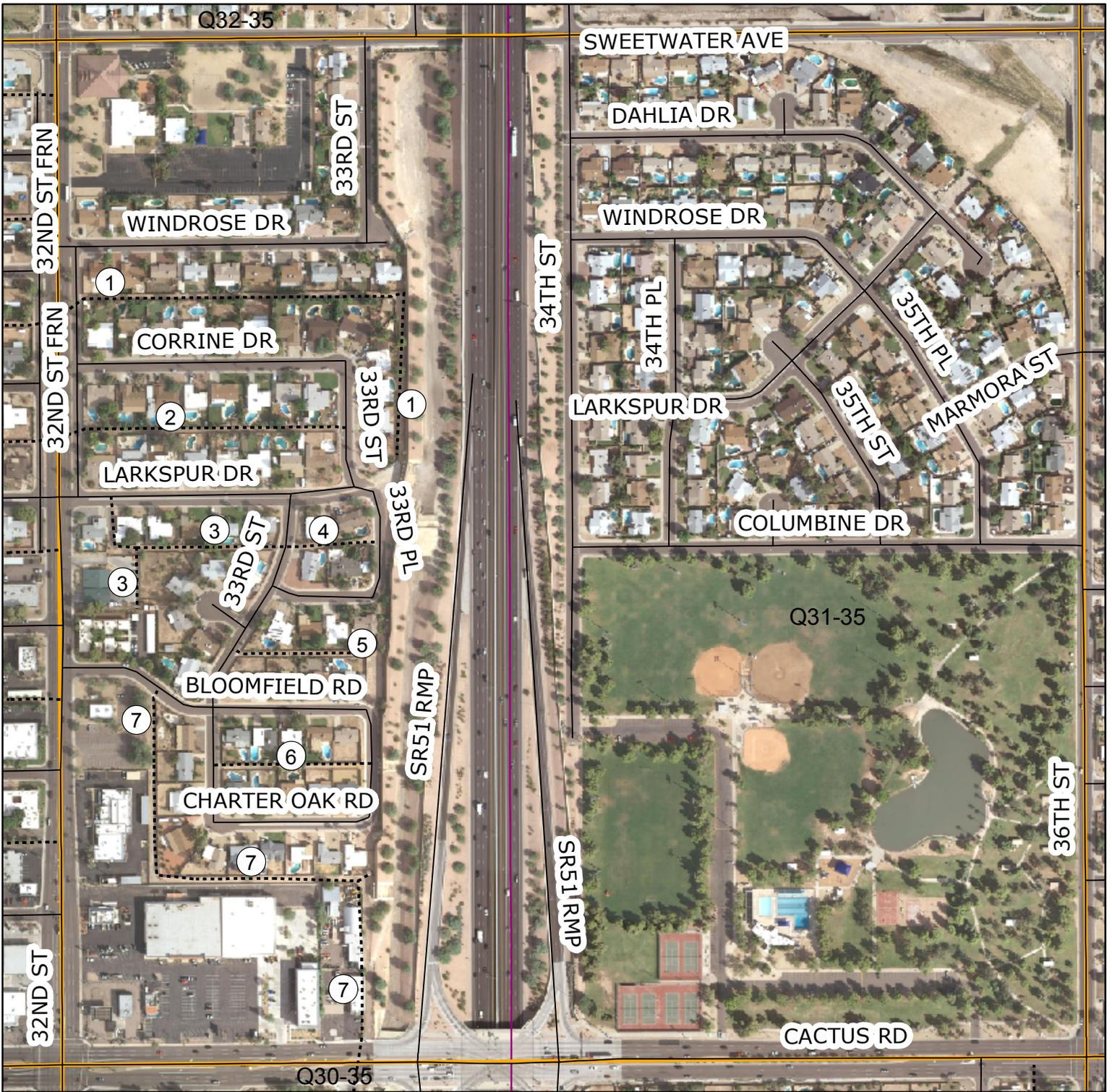
- Legend**
- STREETS**
 - Accepted Streets
 - JURISDICTION**
 - - Private
 - MapIndex
 - GISADM.ADOT_FREEWAYS
 - CANALS
 - GISADM.DSD_ABANDON
 - GISADM.HISTORIC_PROPERTIES



Quarter Section 31-35
 Alley Miles 0.9



- Legend**
- STREETS**
 — Accepted Streets
- JURISDICTION**
 - Private
 [Orange Box] MapIndex
 [Pink Box] GISADM.ADOT_FREEWAYS
 [Black Box] CANALS
 [Dashed Line] GISADM.HISTORIC_PROPERTIES



Quarter Section 31-35
 Alley Miles 0.9



- Legend**
- STREETS**
 — Accepted Streets
- JURISDICTION**
 - Private
 [Orange outline] MapIndex
 [Pink line] GISADM.ADOT_FREEWAYS
 [Black line] CANALS
 [Dashed line] GISADM.HISTORIC_PROPERTIES

Site Visit (August 28, 2015) Photos for Phoenix Pave Unpaved Alleys Application-2020







