

**Phoenix - 2018 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. | 2018 CMAQ Alley Dust Proofing |
| 7. Please provide a general description of the project. | This project will dust proof approximately 29.7 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). | 38 |
| 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 1 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 28-29 |
| 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? | 1.5 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. |

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(All Items are Required, Unless Identified as 'Optional')

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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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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.

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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 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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Sidewalks

No

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| Segment Description | Segment 2 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 27-30 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 1.1 |
| 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? | 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. |

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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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Sidewalks

No

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| Segment Description | Segment 3 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 27-31 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.6 |
| 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? | 1.5 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. |

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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.

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| Section 2 - Proposed Improvements | Segment 3 |
|---|---|
| 1. What is the type of paving project? (Choose all that Apply and Select Yes or No) | |
| Rural Road | 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

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| Segment Description | Segment 4 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 28-26 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.6 |
| 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? | 1.6 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 - 2018 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 - 2018 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 - 2018 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 |
|---|---|
| 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 29-25 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.7 |
| 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? | 2.3 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 29-30 |
| 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? | 1.9 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 26-30 |
| 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? | 0.8 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 8 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 26-27 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 1.4 |
| 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? | 0.7 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 9 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 24-29 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 1.7 |
| 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? | 0.9 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 - 2018 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 - 2018 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 - 2018 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 9 |
|---|---|
| 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 10 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 26-28 |
| 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? | 0.2 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 03-30 |
| 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? | 3.3 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 02-29 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 2.2 |
| 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? | 2.7 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 | | | | | | | | | | | | |
|---|--|------------|----|------------|----|--------------------|----|-------|-----|-----------|----|------------------|------|
| <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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 01-26 |
| 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? | 2.2 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 01-29 |
| 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? | 2.2 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 |

| | |
|--|--|
| <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> |
|--|--|

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>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> |
|---|---|

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

Phoenix - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 01-37 |
| 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? | 5.2 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 16 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 3-20 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 1.7 |
| 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? | 0.8 miles, site ID 40134009 |
| 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 - 2018 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 - 2018 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 - 2018 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 16 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 3-25 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 1.8 |
| 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? | 1.3 miles, site ID 40134003 |
| 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 - 2018 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 - 2018 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 - 2018 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 17 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 7-29 |
| 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? | 3.0 miles, site ID 40139812 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 9-27 |
| 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? | 2.3 miles, site ID 40139812 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 19-22 |
| 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? | 1.6 miles, site ID 40139997 |
| 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 17-14 |
| 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? | 3.0 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 14-18 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.8 |
| 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? | 0.9 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 16-16 |
| 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? | 1.8 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 15-9 |
| 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? | 5.2 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 16-9 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.7 |
| 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? | 5.2 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 16-10 |
| 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? | 4.8 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 26 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 27 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 16-11 |
| 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? | 4.2 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 16-13 |
| 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? | 3.3 miles, site ID 40130019 |
| 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 - 2018 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 - 2018 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 - 2018 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 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 29 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 24-30 |
| 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? | 1.2 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 - 2018 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 - 2018 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 - 2018 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 29 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 30 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 27-26 |
| 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? | 1.5 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 - 2018 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 - 2018 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 - 2018 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 30 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 31 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 27-27 |
| 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? | 1.0 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 - 2018 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 - 2018 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 - 2018 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 31 | | | | | | | | | | | | |
|--|--|------------|----|------------|----|--------------------|----|-------|-----|-----------|----|------------------|------|
| <p>1. What is the type of paving project? (Choose all that Apply and Select Yes or No)</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Rural Road</td> <td style="width: 50%; padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;">Urban Road</td> <td style="padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;">Subdivision Street</td> <td style="padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;">Alley</td> <td style="padding: 5px;">Yes</td> </tr> <tr> <td style="padding: 5px;">Shoulders</td> <td style="padding: 5px;">No</td> </tr> <tr> <td style="padding: 5px;">Other (Describe)</td> <td style="padding: 5px;">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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 32 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 27-29 |
| 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? | 0.8 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 - 2018 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 - 2018 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 - 2018 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 32 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 33 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 28-27 |
| 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? | 1.4 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 - 2018 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 - 2018 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 - 2018 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 33 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 34 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 29-26 |
| 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? | 2.1 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 - 2018 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 - 2018 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 - 2018 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 34 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 35 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 30-24 |
| 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? | 3.1 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 - 2018 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 - 2018 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 - 2018 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 35 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 36 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 32-24 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 0.8 |
| 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? | 3.8 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 - 2018 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 - 2018 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 - 2018 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 36 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 37 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 33.21 |
| 2. Length and Curb Miles | |
| a. Length (Miles) of the segment | 4.5 |
| 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? | 5.1 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 - 2018 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 - 2018 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 - 2018 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 37 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 38 |
|---|--|
| 1. Segment Location - Include segment beginning and ending limits | Quarter Section 34-21 |
| 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? | 5.5 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 - 2018 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 - 2018 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 - 2018 CMAQ Alley Dust Proofing
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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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 38 |
|--|-------------------|

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 - 2018 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 '2018 CMAQ Alley Dust Proofing'

**Phoenix - 2018 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 | | \$ - |
| 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 | | \$ - |
| 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 | | \$ - |
| 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 | | \$ - | No | \$ - | \$ - |
| | Other Utilities | LS | 1 | \$ 3,000.00 | \$ 3,000.00 | No | \$ - | \$ 3,000.00 |
| 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 | \$ 485.00 | \$ 24,250.00 | Yes | \$ 22,867.75 | \$ 1,382.25 |
| | Drainage Catch basins and Scuppers | EA | 1 | | \$ - | Yes | \$ - | \$ - |

**Phoenix - 2018 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 | \$ 13,500.00 | \$ 13,500.00 | Yes | \$ 12,730.50 | \$ 769.50 |
| | Clearing, Grubbing (MAG201) and Subgrade Preparation (MAG301) | SY | 210,007 | \$ 1.39 | \$ 291,909.73 | Yes | \$ 275,270.88 | \$ 16,638.85 |
| | Replace Unuitable Subgrade Materials | CY | 283 | \$ 34.72 | \$ 9,825.76 | Yes | \$ 9,265.69 | \$ 560.07 |
| | Haul off Deleterious Material and Degraded Asphalt Millings | Ton | 1,713 | \$ 23.52 | \$ 40,289.76 | Yes | \$ 37,993.24 | \$ 2,296.52 |
| | Uniformed, Off-Duty Police Officers | LS | 1 | \$ 56,000.00 | \$ 56,000.00 | Yes | \$ 52,808.00 | \$ 3,192.00 |
| | Power Broom (for Dust Control & Prevention per Supplementary Conditions.) | Hrs | 30 | \$ 111.00 | \$ 3,330.00 | Yes | \$ 3,140.19 | \$ 189.81 |
| | Weed Control Pre-emerge | SY | 210,007 | \$ 0.10 | \$ 21,000.70 | Yes | \$ 19,803.66 | \$ 1,197.04 |
| | Weed Control Post-emerge | SY | 210,007 | \$ 0.10 | \$ 21,000.70 | Yes | \$ 19,803.66 | \$ 1,197.04 |
| | Single Application of MC-800TR & Precoated Chips | SY | 192,506 | \$ 4.21 | \$ 810,450.26 | Yes | \$ 764,254.60 | \$ 46,195.66 |
| | | | 1 | | \$ - | Yes | \$ - | \$ - |
| | | | 1 | | \$ - | Yes | \$ - | \$ - |
| | Contingency | LS | 1 | | \$ - | Yes | \$ - | \$ - |
| | SUBTOTAL - CONSTRUCTION COST | | | | \$ 1,291,556.91 | | \$ 1,217,938.17 | \$ 73,618.74 |
| | CONTINGENCY | | | 10% | \$ 129,155.69 | Yes | \$ 121,793.82 | \$ 7,361.87 |
| | CONSTRUCTION ADMINISTRATION (Assumes Certification Accepted Agencies have same costs as ADOT - 15%) | | | 15% | \$ 193,733.54 | Yes | \$ 182,690.72 | \$ 11,042.81 |
| | SUBTOTAL - CONSTRUCTION COST | | | | \$ 1,614,446.14 | | \$ 1,522,422.71 | \$ 92,023.43 |
| 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) | | | | \$ 1,614,446.14 | NA | \$ 1,522,422.71 | \$ 92,023.43 |
| | SUBTOTAL - PROJECT COST | | | | \$ 1,684,446.14 | NA | \$ 1,522,422.71 | \$ 162,023.43 |
| | 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) | | | | | \$ 1,694,446.14 | NA | \$ 1,522,422.71 | \$ 172,023.43 |

PM-10 Paving Application from Phoenix for '2018 CMAQ Alley Dust Proofing'

Phoenix - 2018 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 | 1,614,446.14 | |
| 5. Total Cost w/o ADOT Review Fee | 1,684,446.14 | |
| 6. ADOT Review Fee | 10,000.00 | Required. Please see ADOT Fee Sheet for additional information. |
| 7. Total Cost with ADOT Review Fee | 1,694,446.14 | |

Agency Programming

| | |
|--|-------------------------------|
| 8. Please describe the programming of the project in the agency's own CIP/TIP. | 2018 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) | 2017 | 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 | 2018 | 2018 CMAQ Alley Dust Proofing | Capital Construction Funding (CCF) | 92,625 | 1,532,375 | \$ 1,625,000 | 5.7% |
| | | | | \$ 162,625 | \$ 1,532,375 | \$ 1,695,000 | |

PM-10 Paving Application from Phoenix for '2018 CMAQ Alley Dust Proofing'

**Phoenix - 2018 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 - 2018 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 '2018 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

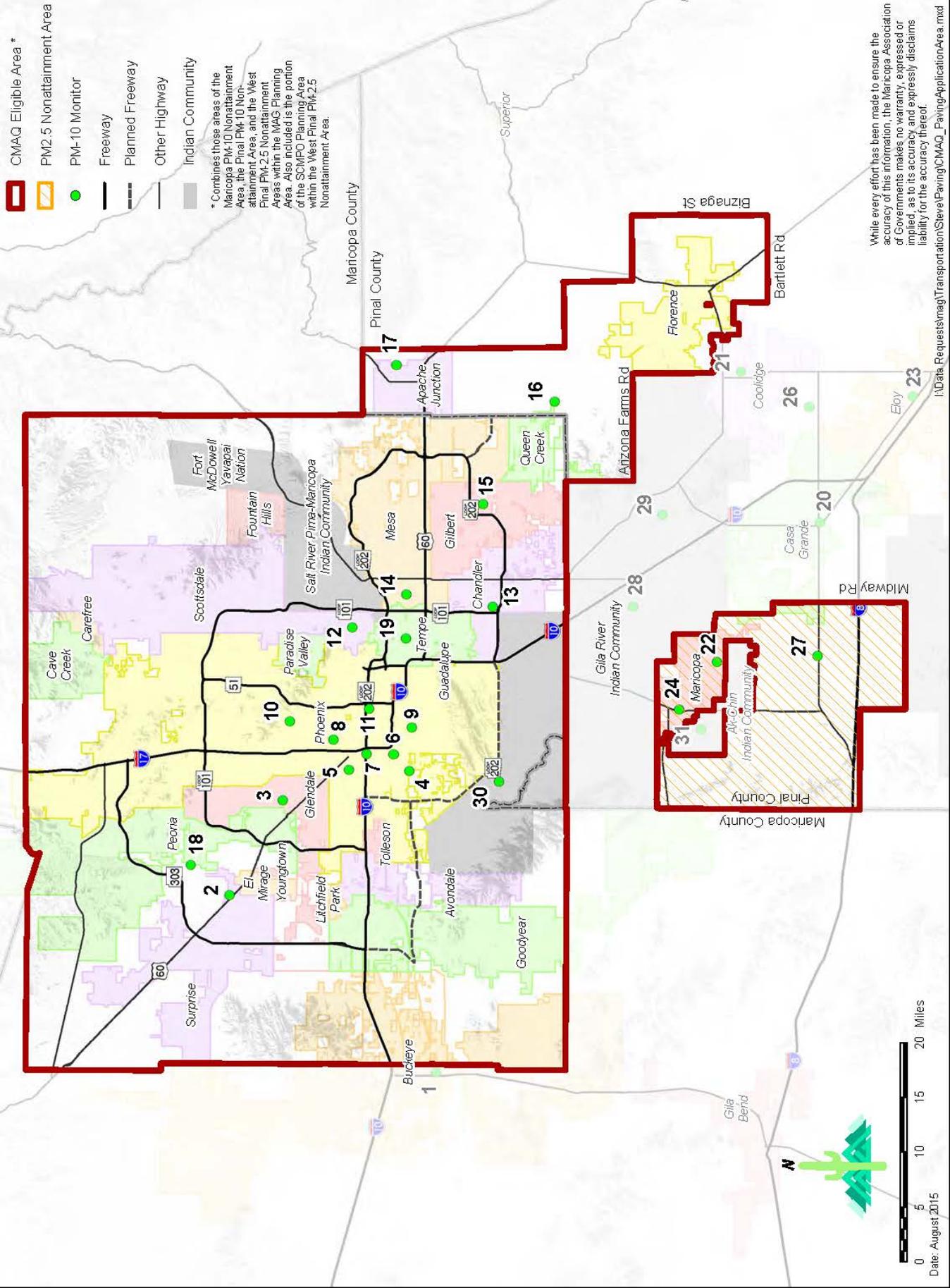
| ADOT SECTION | FUNCTION | RATE | HOURS | CHARGE/2 |
|--------------------------------|--------------------------------|-------|------------|------------------|
| Contracts and Specs | Contracts and Specs | \$ 60 | 200 | \$ 12,000 |
| District | District | \$ 55 | 18 | \$ 990 |
| Engineering Consulting 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



CMAQ Paving Application Area



While every effort has been made to ensure the accuracy of this information, the Maricopa Association of Governments makes no warranty, expressed or implied, as to its accuracy and expressly disclaims liability for the accuracy thereof.

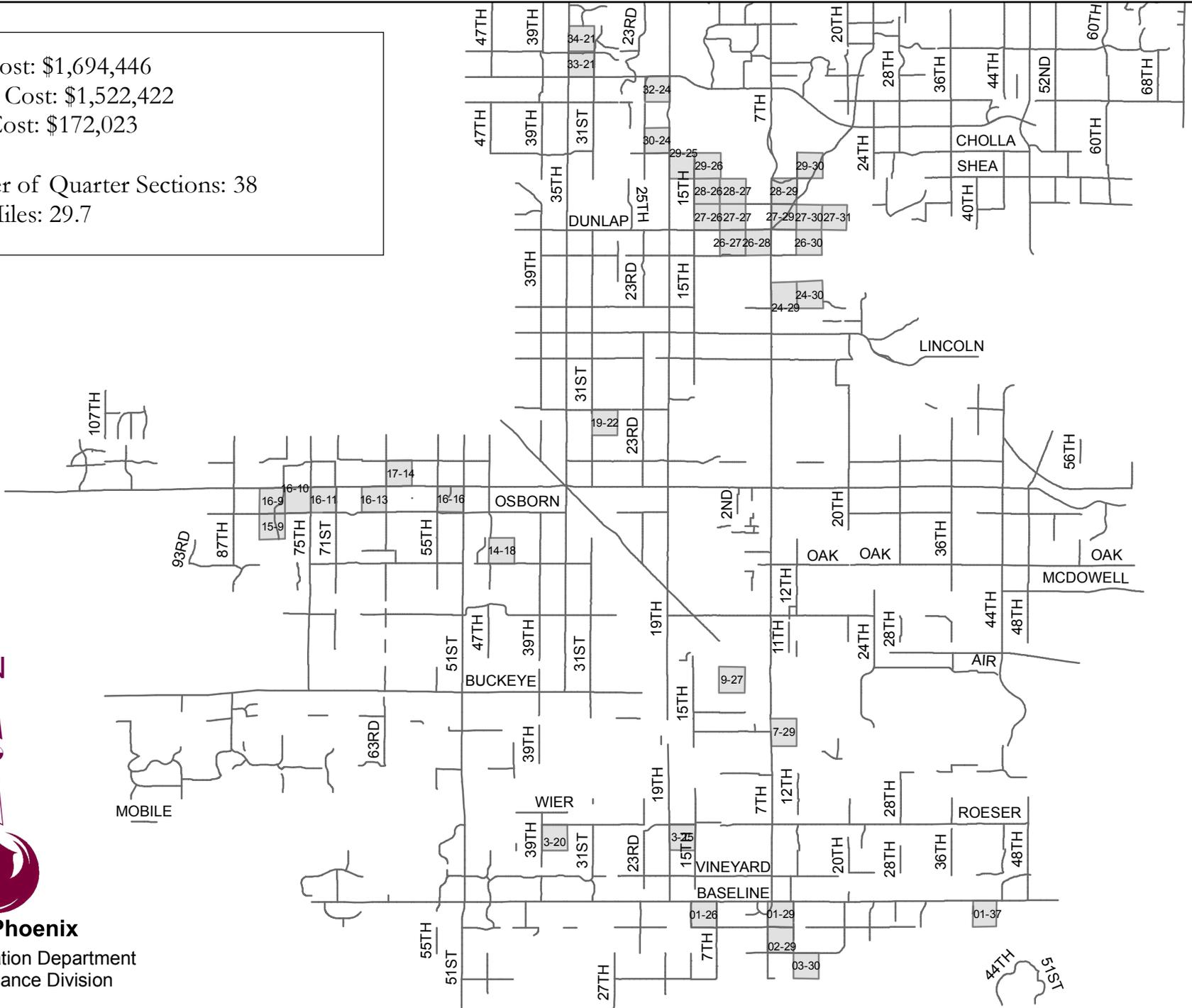
I:\Data Requests\mag\Transportation\Steve\CMAQ_Paving\ApplicationArea.mxd

| 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 |

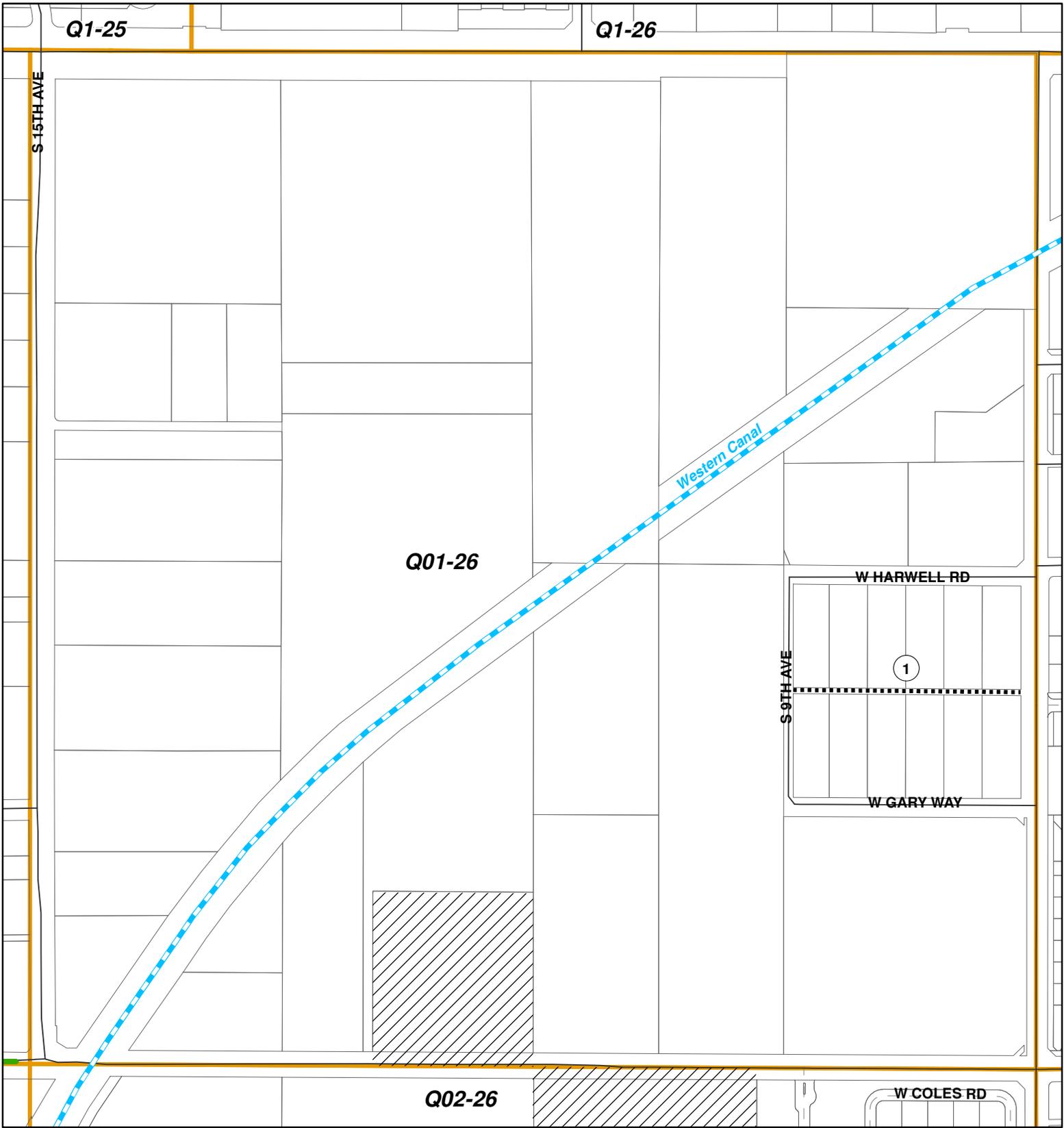
2018 Alleyway Dustproofing Vicinity Map

Total Cost: \$1,694,446
 Federal Cost: \$1,522,422
 Local Cost: \$172,023

Number of Quarter Sections: 38
 Total Miles: 29.7



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



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

Quarter Section 01-26
Alley (Miles) 0.11



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 01-26
Alley (Miles) 0.11



City of Phoenix

Street Transportation Department
 Street Maintenance Division



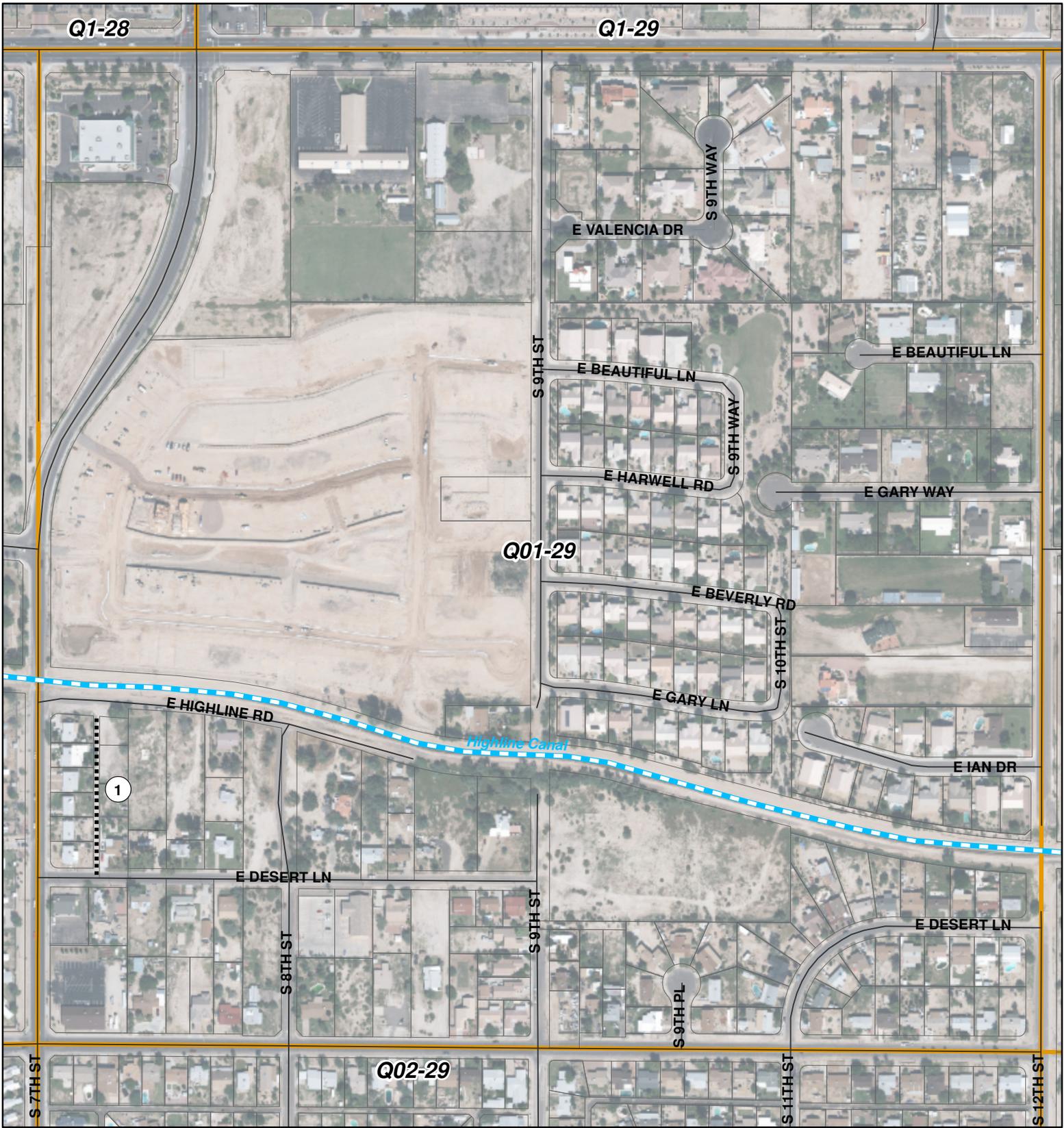
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 01-29
Alley (Miles) 0.08



City of Phoenix

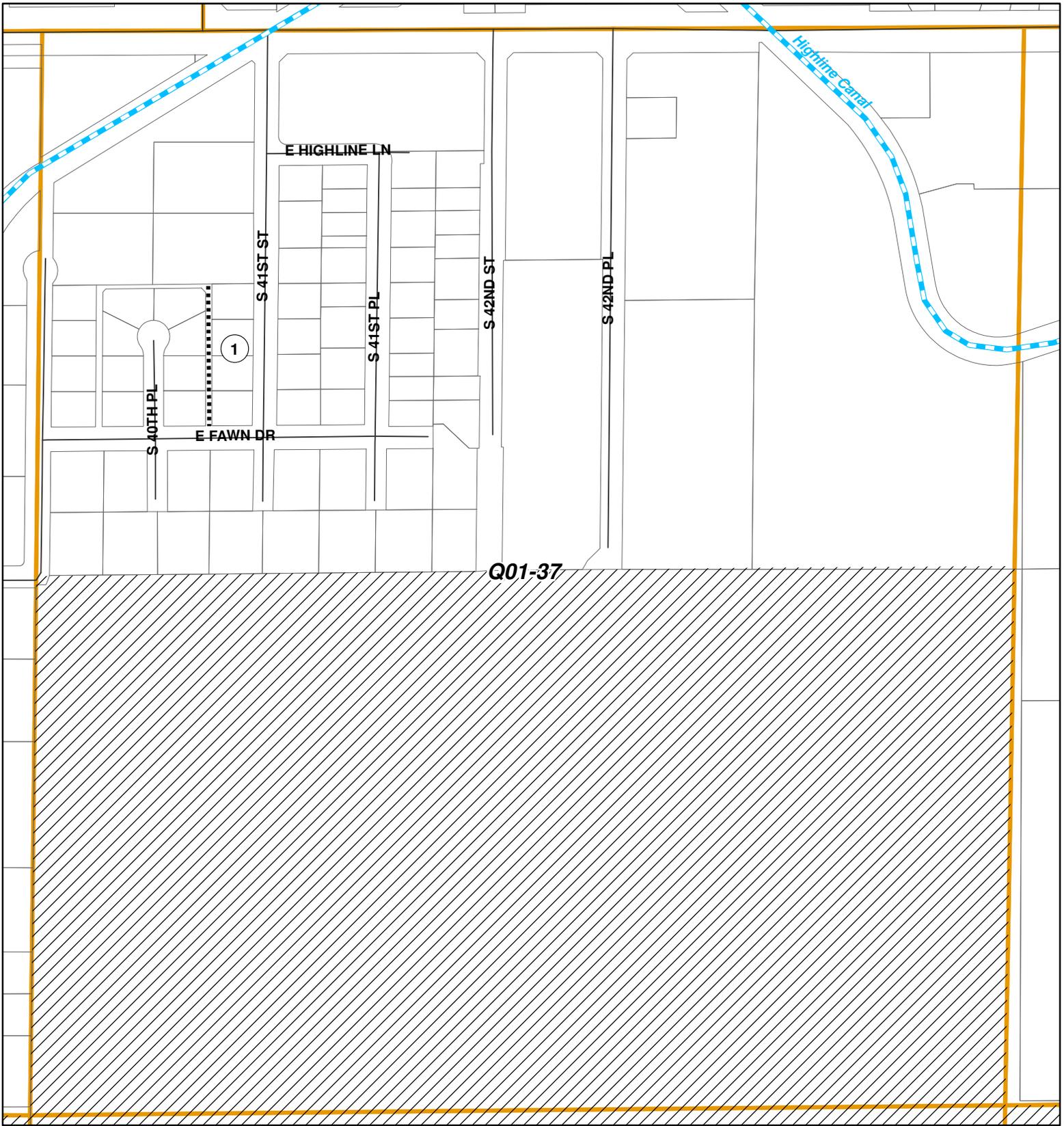
Street Transportation Department
Street Maintenance Division



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

Quarter Section 01-29
Alley (Miles) 0.08





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

Quarter Section 01-37
Alley (Miles) 0.065



City of Phoenix

Street Transportation Department
 Street Maintenance Division



Q01-37

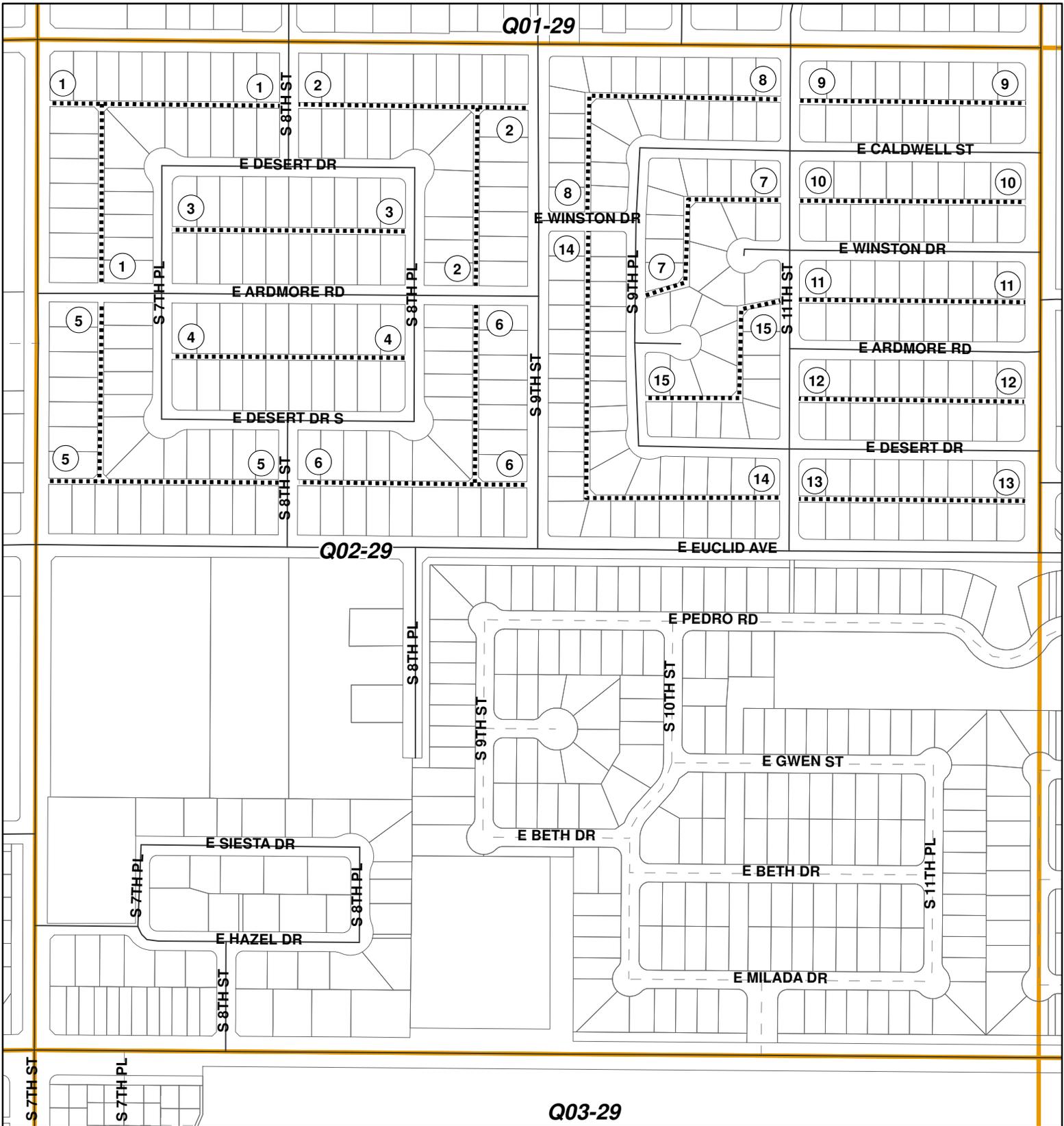
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 01-37
Alley (Miles) 0.065



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 02-29
Alley (Miles) 2.20



City of Phoenix

Street Transportation Department
 Street Maintenance Division



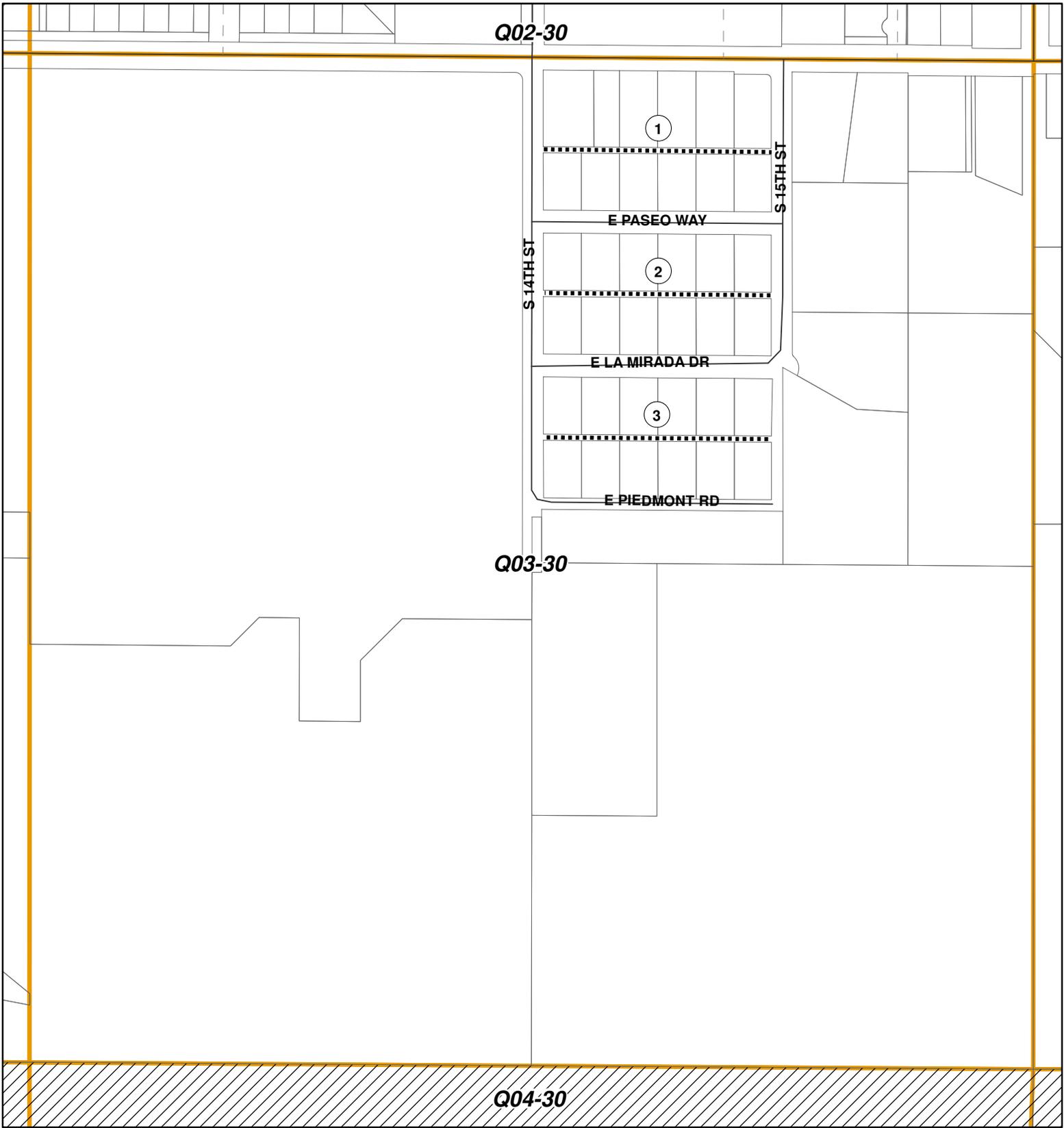
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 02-29
Alley (Miles) 2.20



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 03-30
Alley (Miles) 0.34



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 03-30
Alley (Miles) 0.34



City of Phoenix

Street Transportation Department
 Street Maintenance Division



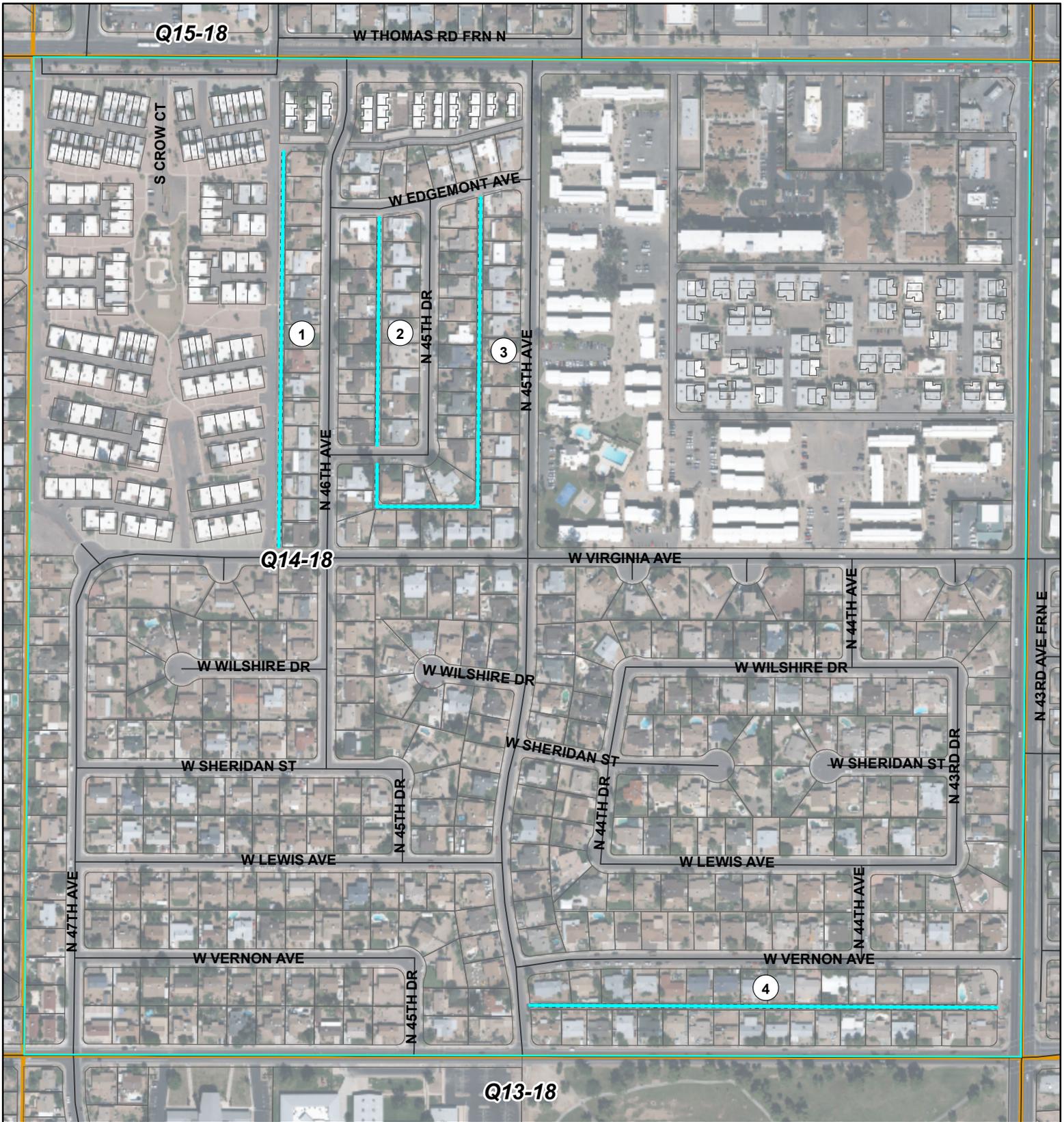
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 14-18
Alley (Miles) 0.77



City of Phoenix

Street Transportation Department
Street Maintenance Division



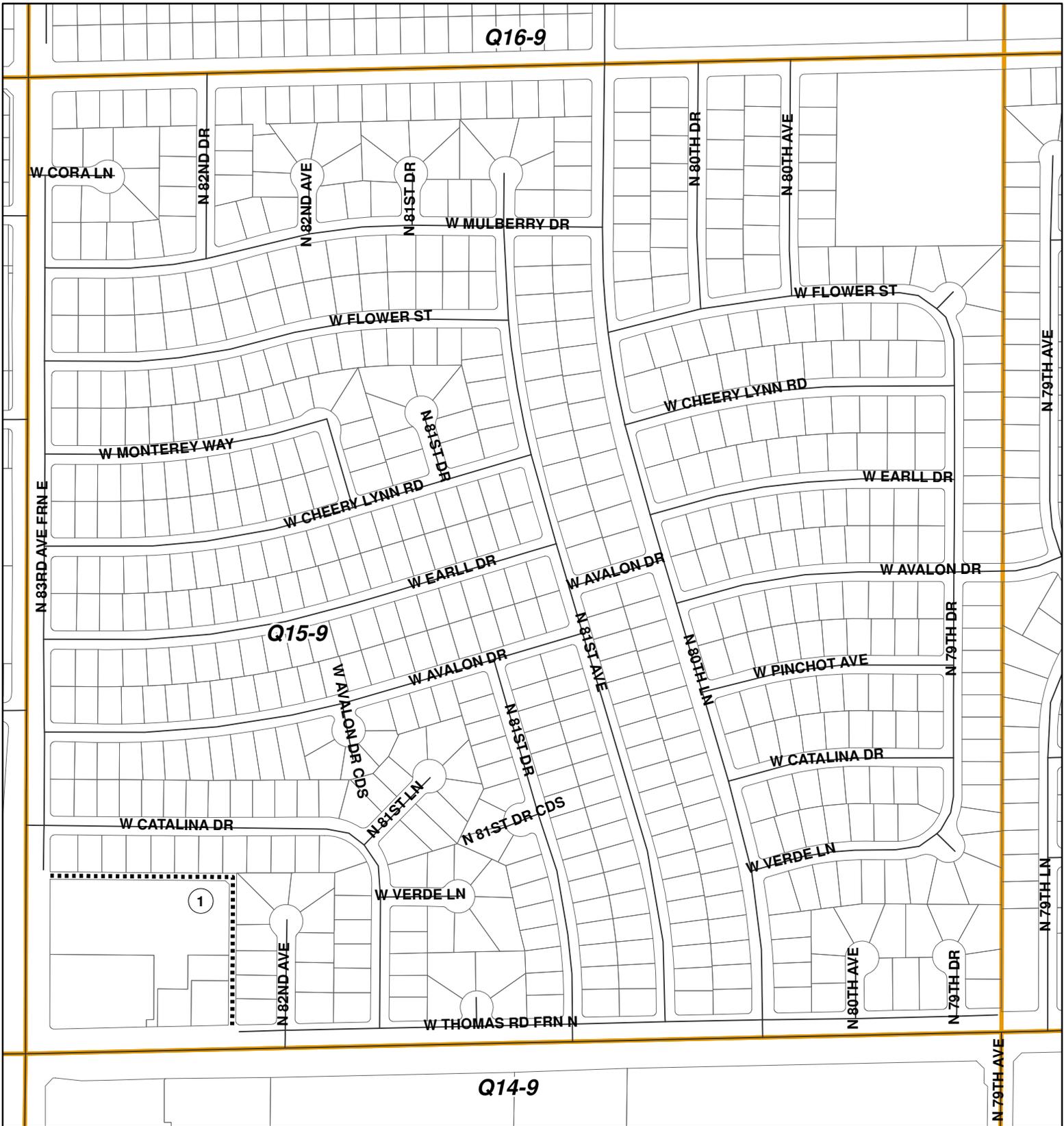
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 14-18
Alley (Miles) 0.77



City of Phoenix

Street Transportation Department
 Street Maintenance Division



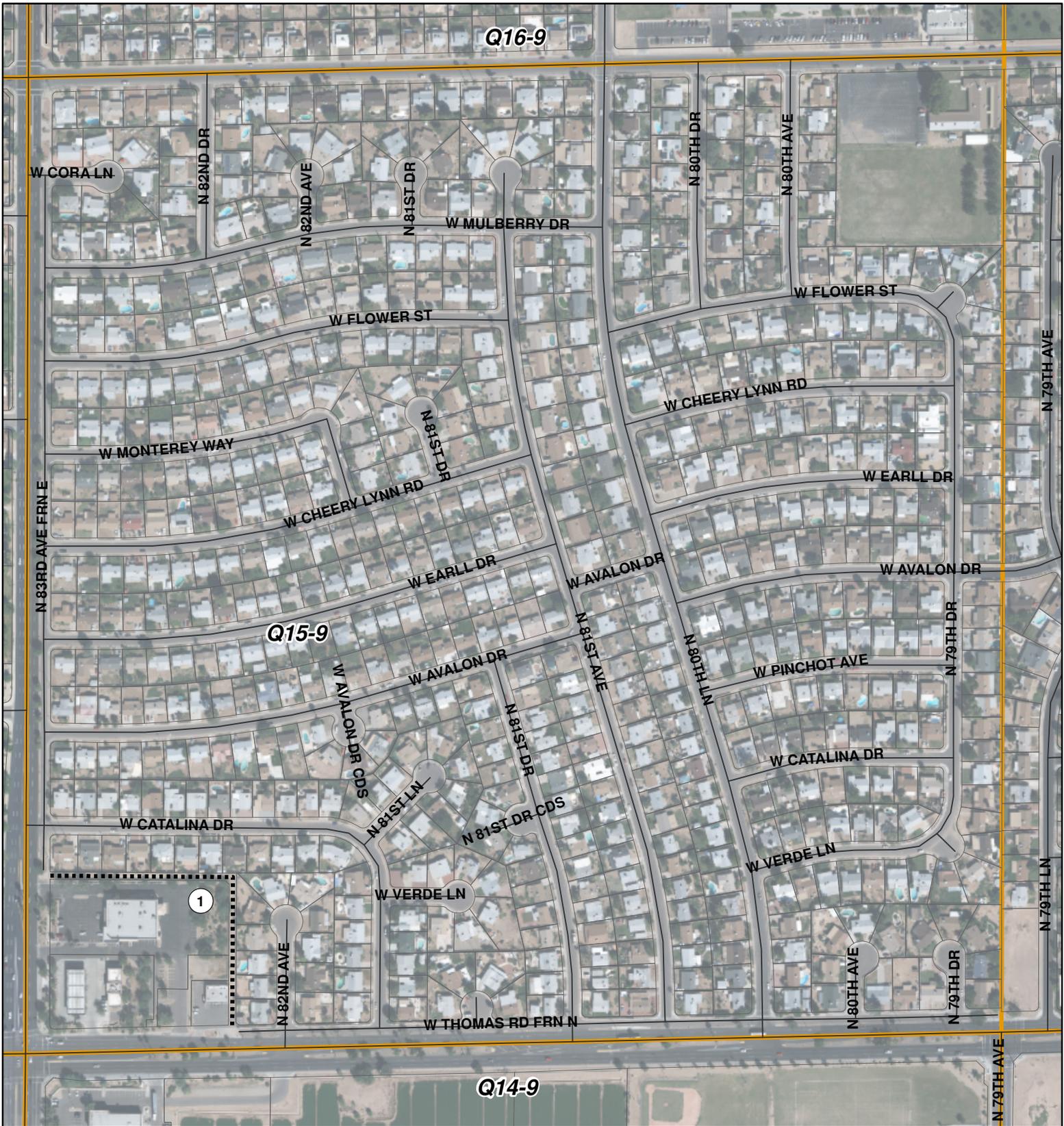
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 15-9
Alley (Miles) 0.17



City of Phoenix

Street Transportation Department
 Street Maintenance Division



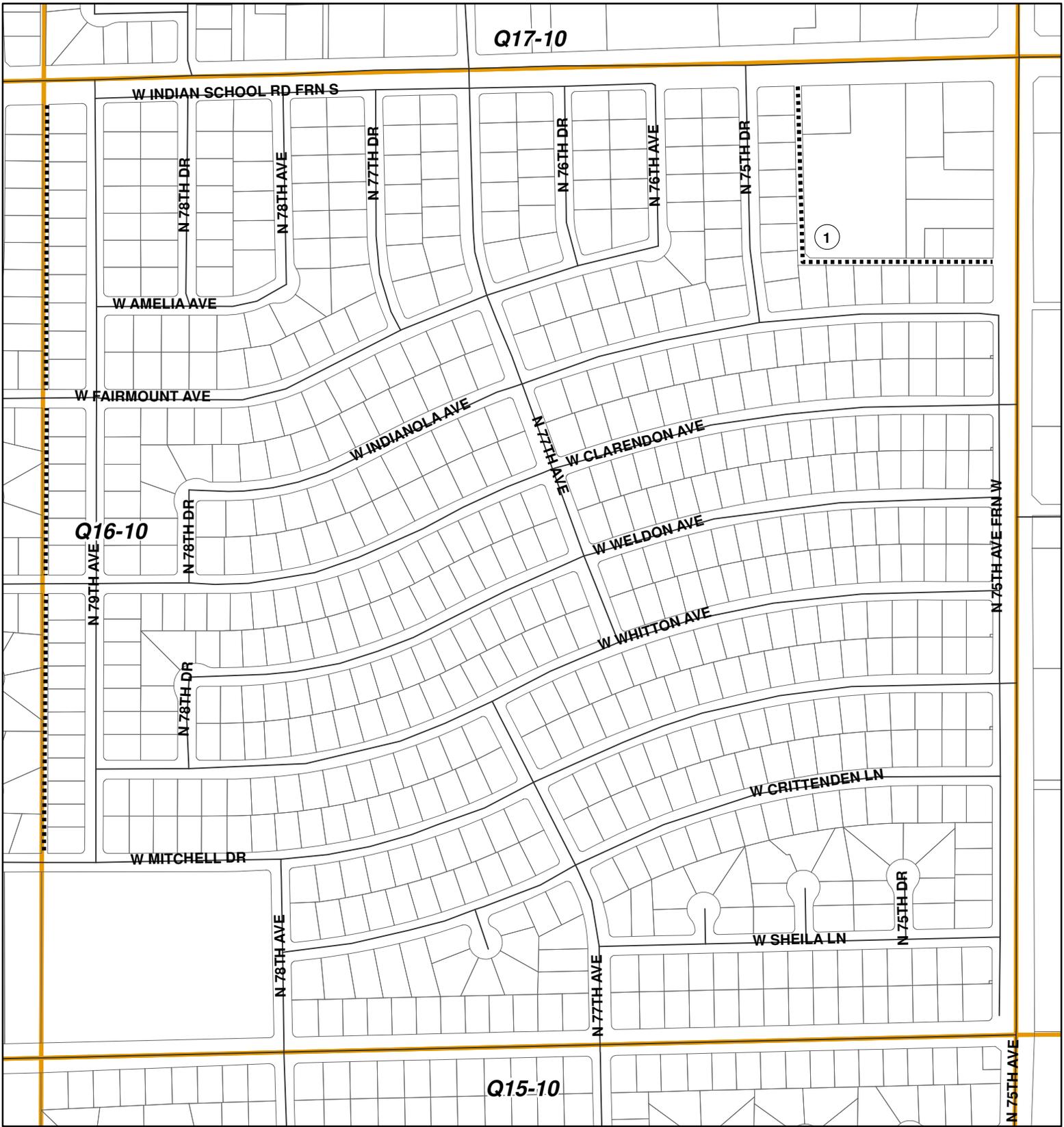
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 15-9
Alley (Miles) 0.17



City of Phoenix

Street Transportation Department
 Street Maintenance Division



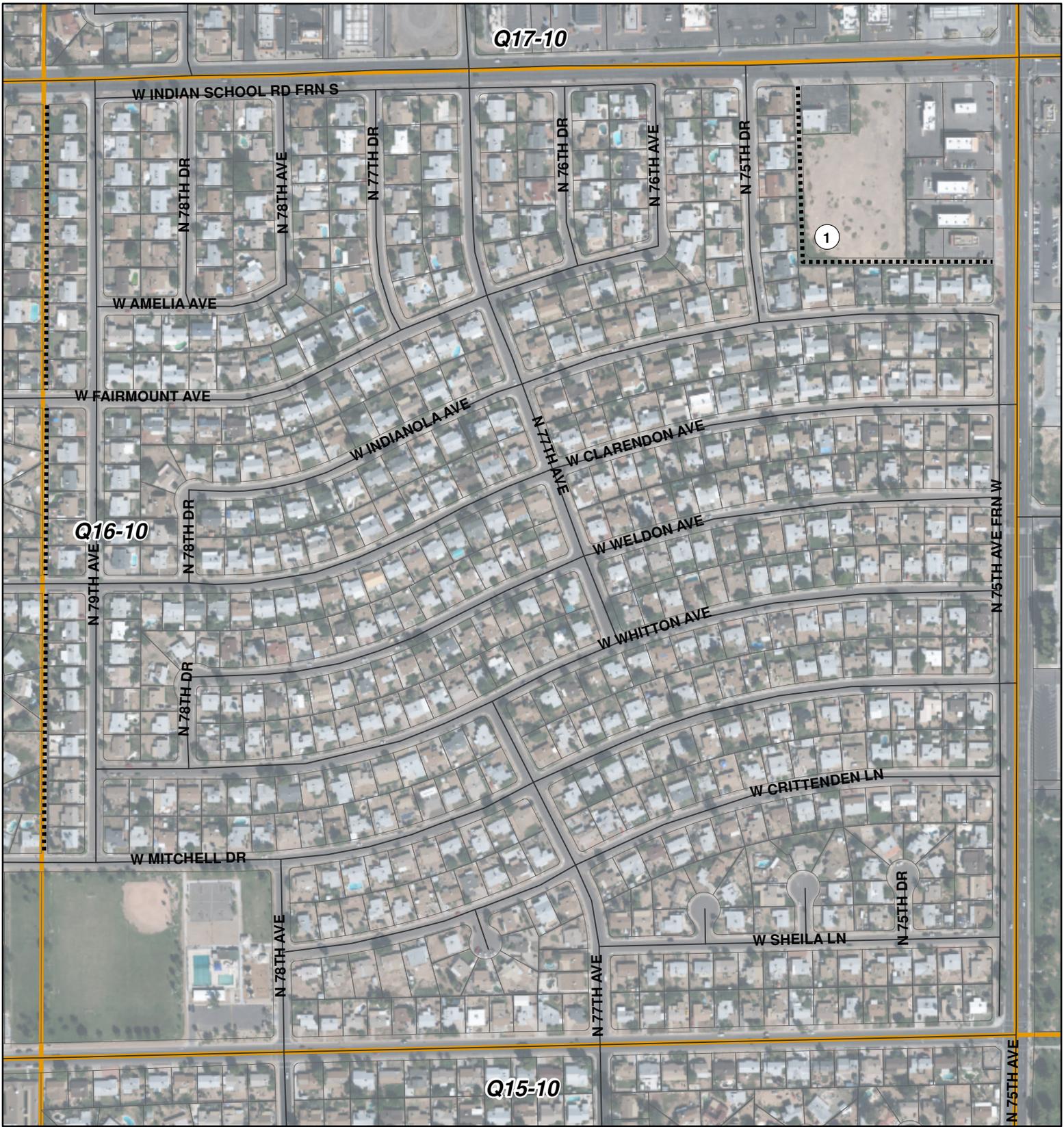
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-10
Alley (Miles) 0.19



City of Phoenix

Street Transportation Department
 Street Maintenance Division



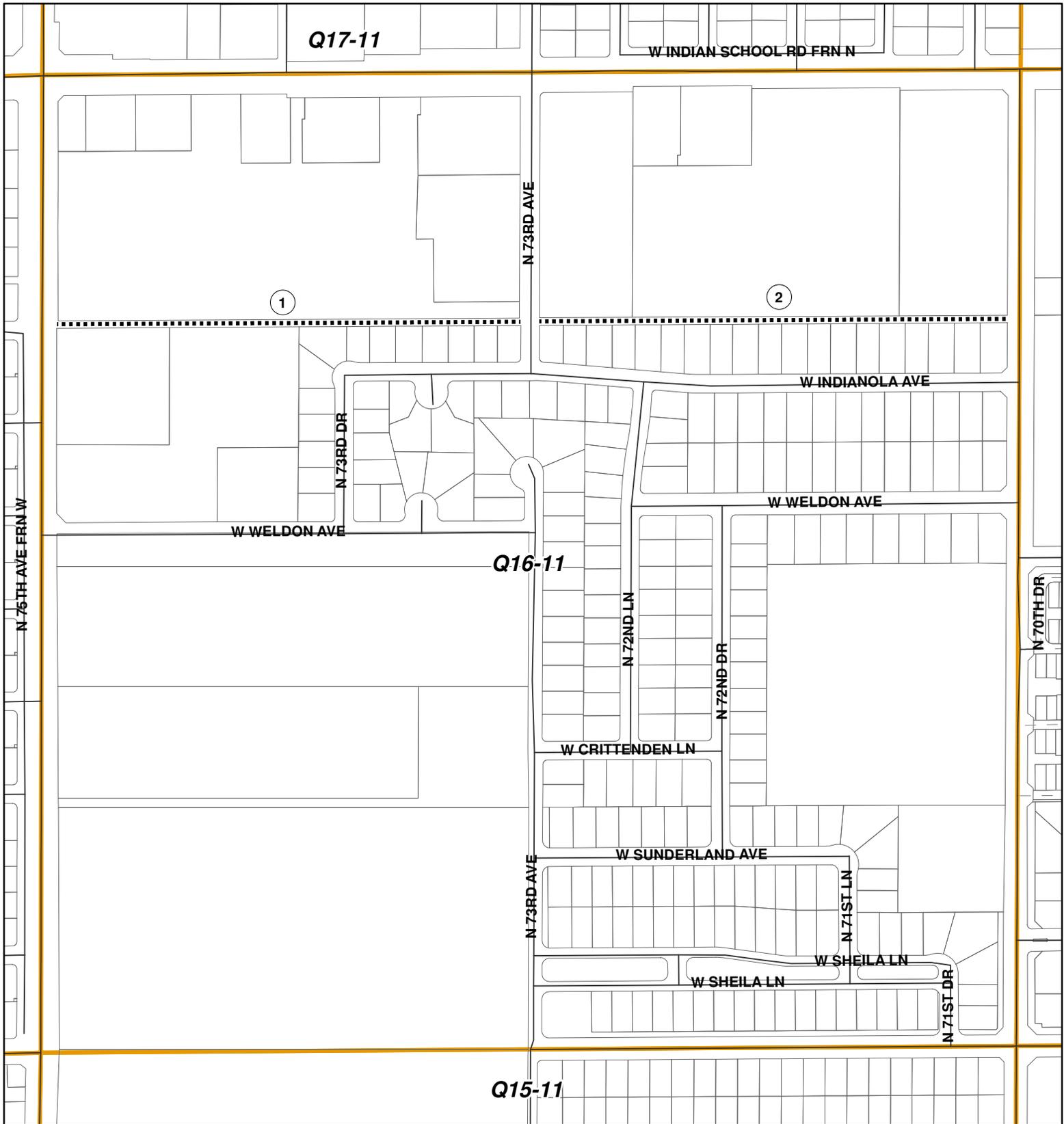
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-10
Alley (Miles) 0.19



City of Phoenix

Street Transportation Department
 Street Maintenance Division



Q17-11

W INDIAN SCHOOL RD FRN N

N 73RD AVE

1

2

W INDIANOLA AVE

N 73RD DR

W WELDON AVE

W WELDON AVE

Q16-11

N 72ND LN

N 72ND DR

W CRITTENDEN LN

W SUNDERLAND AVE

N 73RD AVE

N 71ST LN

W SHEILA LN

W SHEILA LN

N 71ST DR

Q15-11

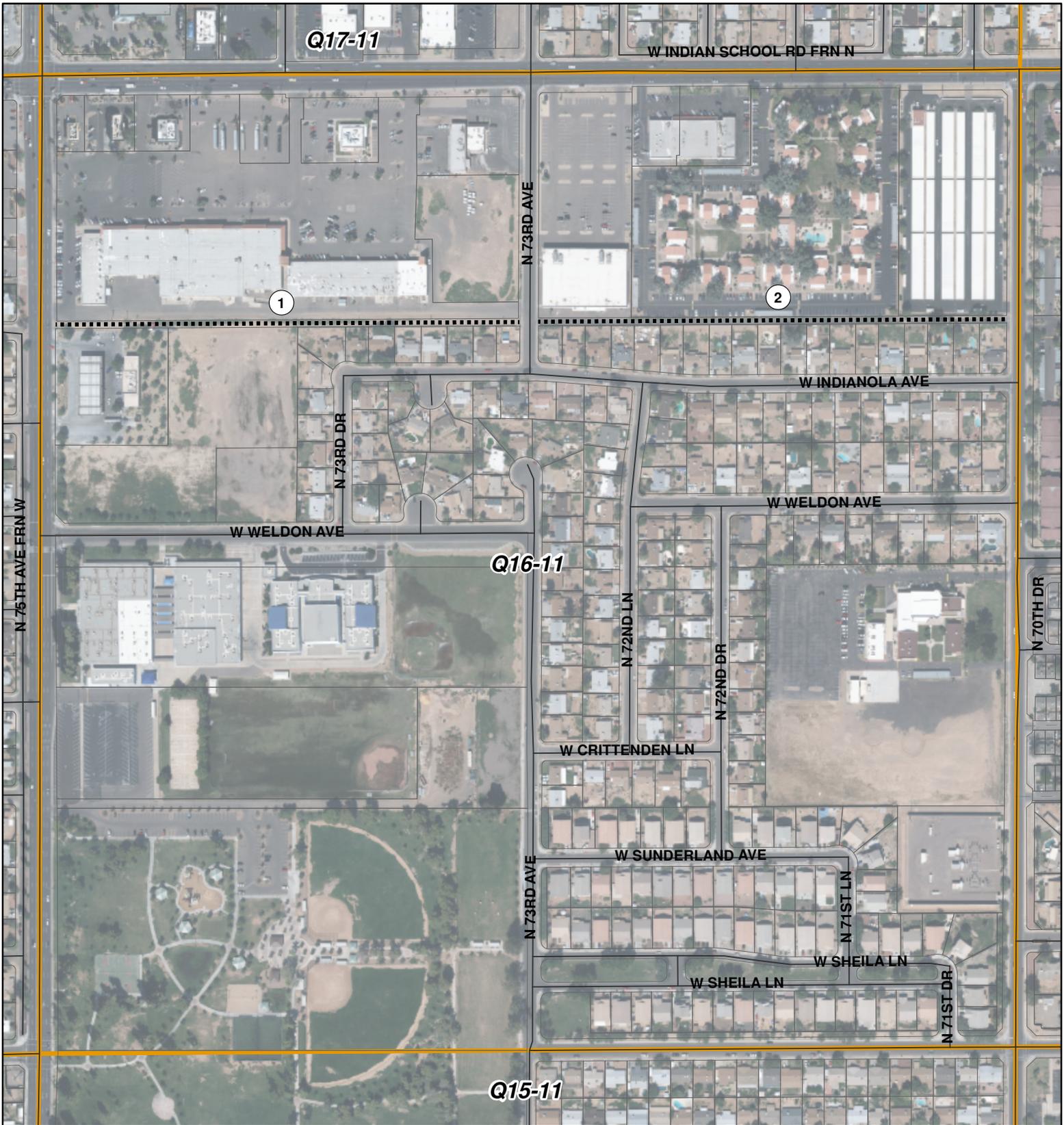
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-11
Alley (Miles) 0.48



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 16-11
Alley (Miles) 0.48



City of Phoenix

Street Transportation Department
Street Maintenance Division



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

Quarter Section 16-13
Alley (Miles) 0.19

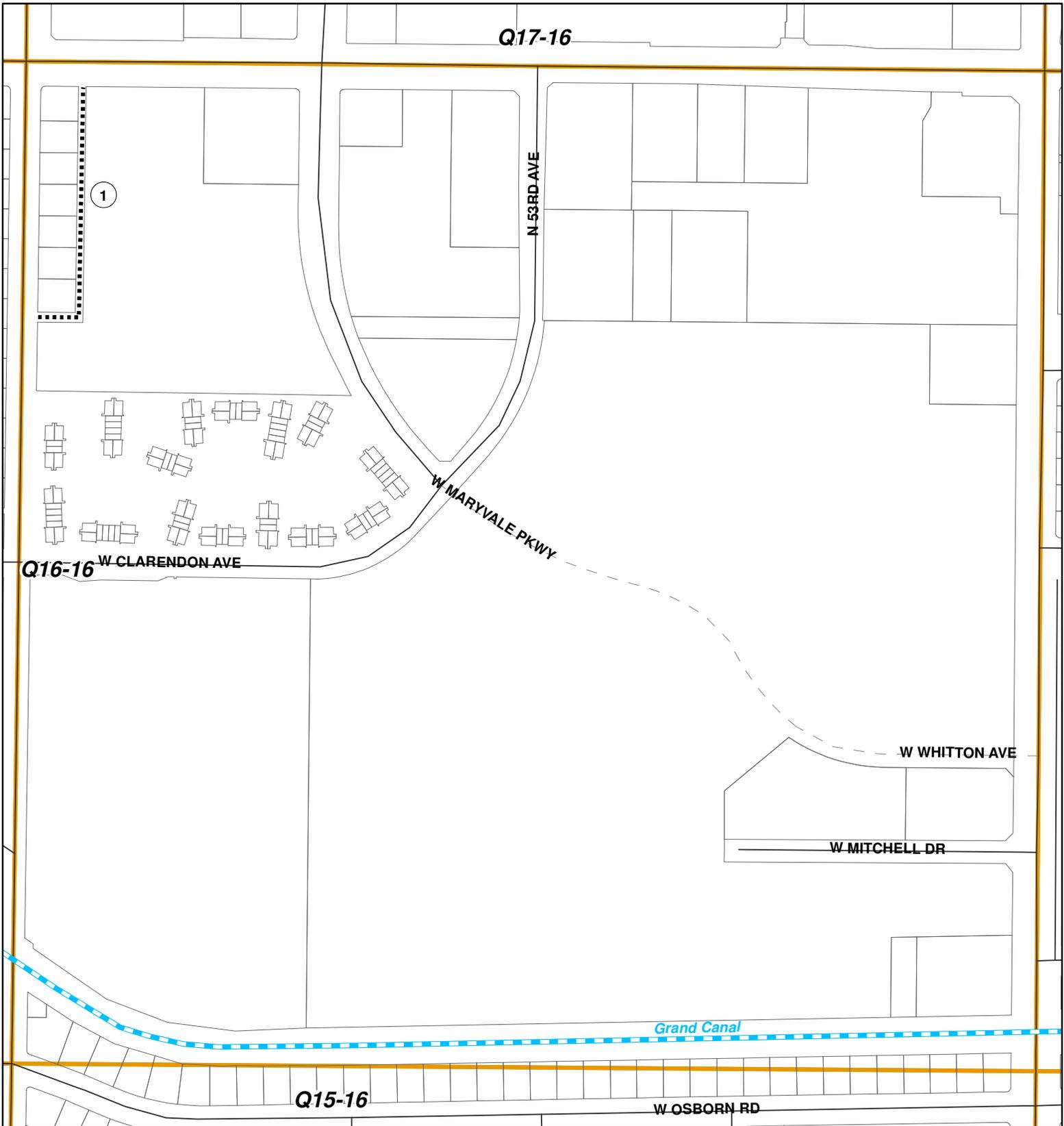




- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-13
Alley (Miles) 0.19





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

Quarter Section 16-16
Alley (Miles) 0.13



City of Phoenix

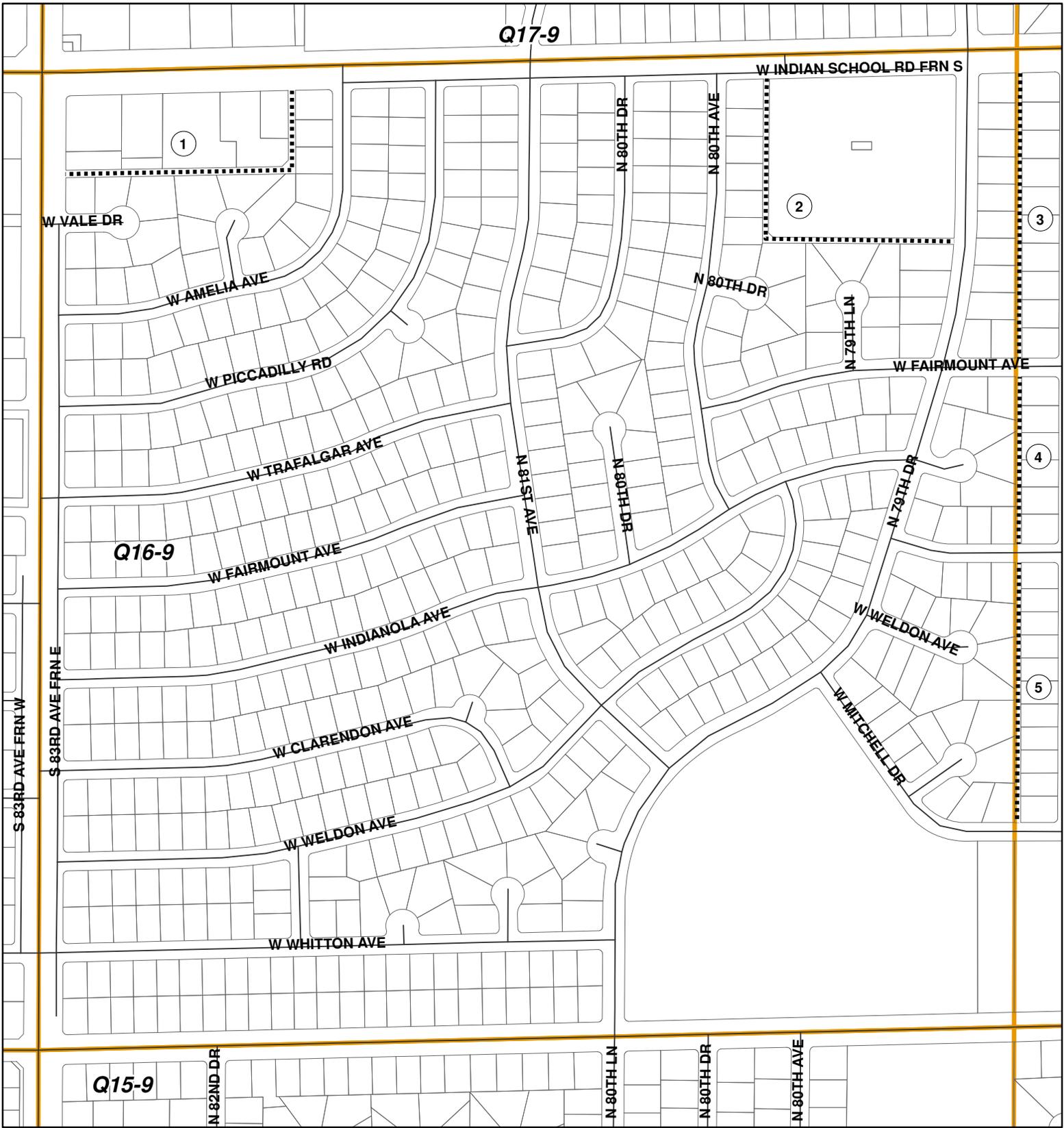
Street Transportation Department
 Street Maintenance Division



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

Quarter Section 16-16
Alley (Miles) 0.13





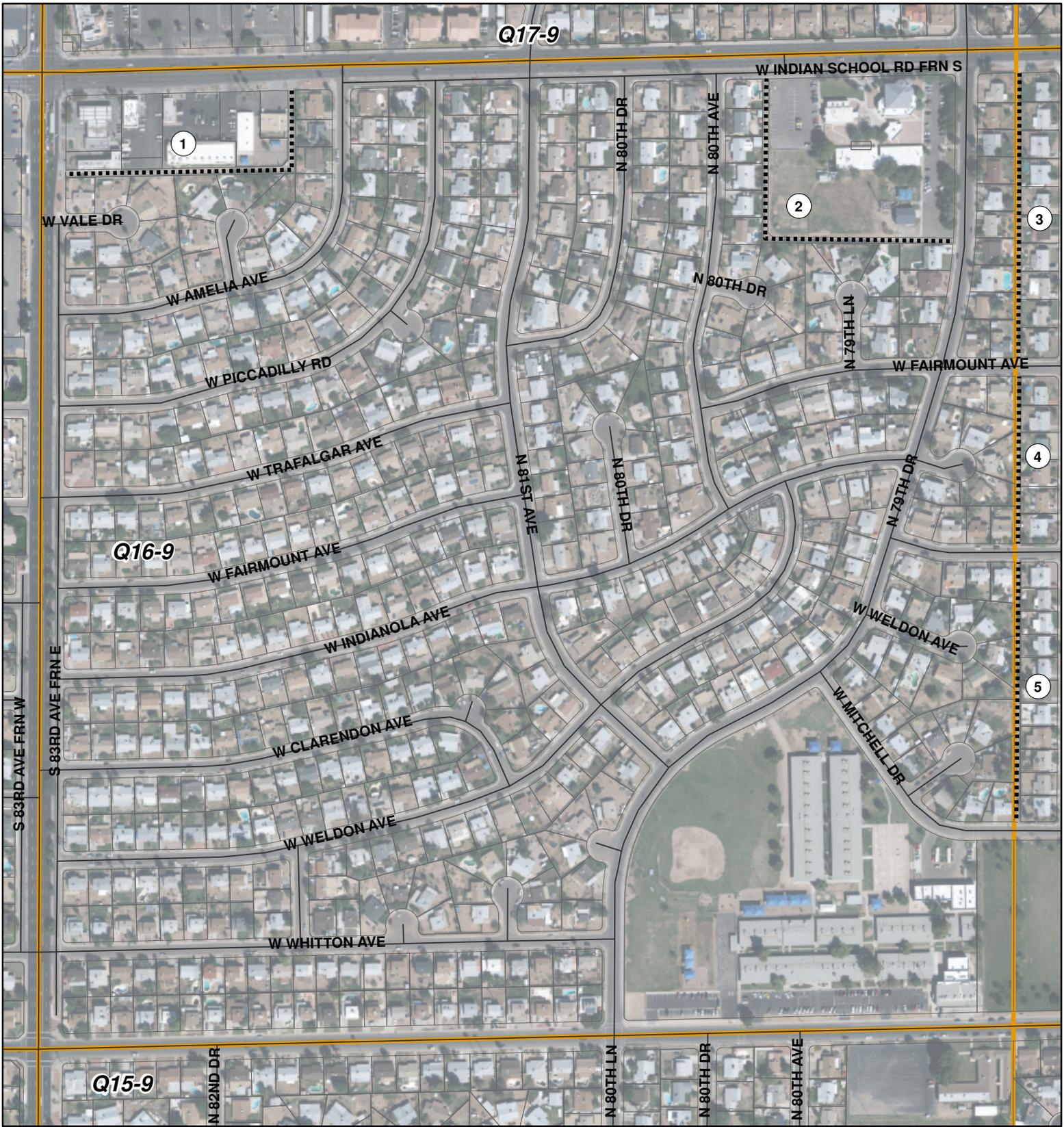
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-9
Alley (Miles) 0.70



City of Phoenix

Street Transportation Department
 Street Maintenance Division



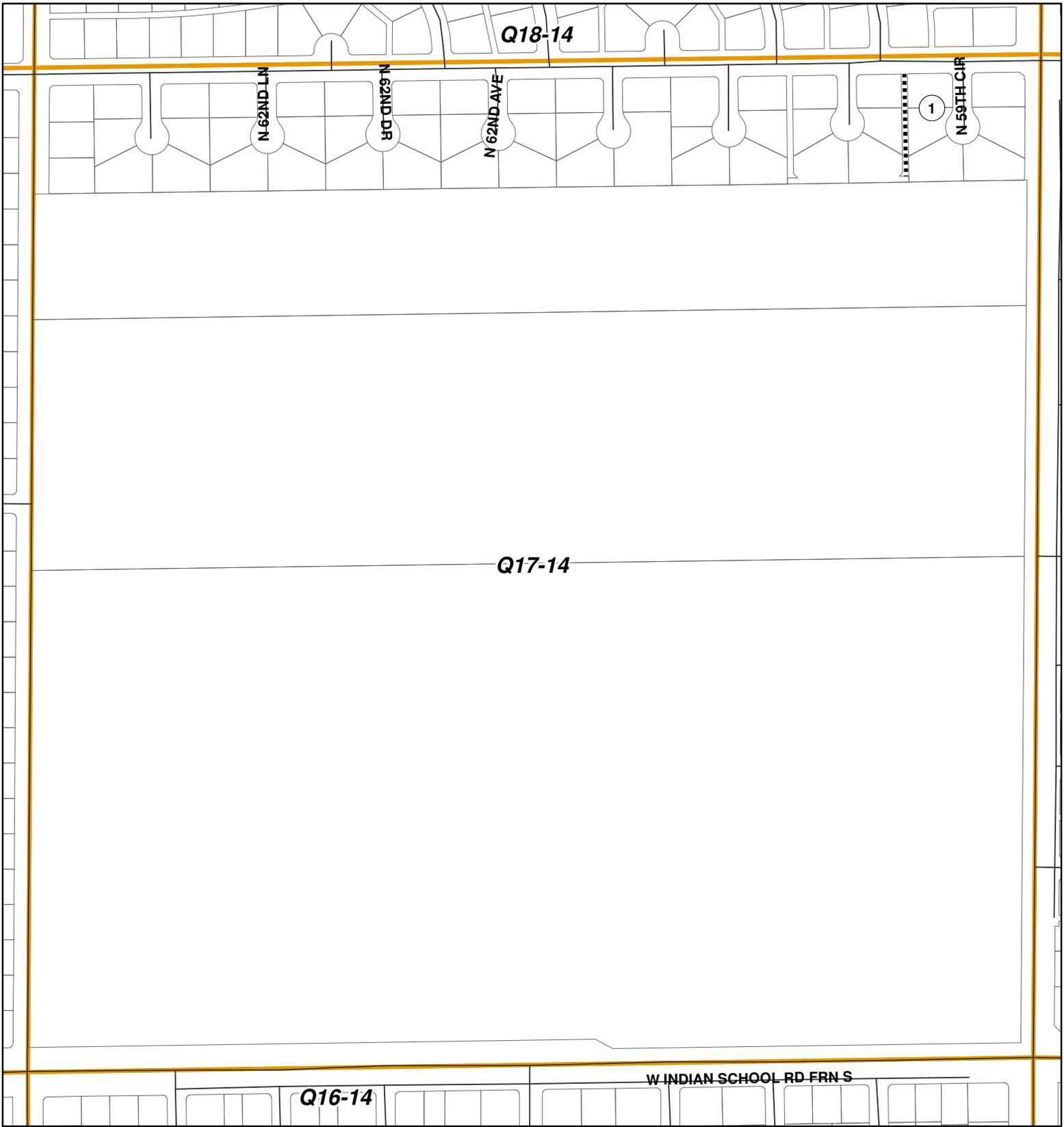
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 16-9
Alley (Miles) 0.70



City of Phoenix

Street Transportation Department
 Street Maintenance Division



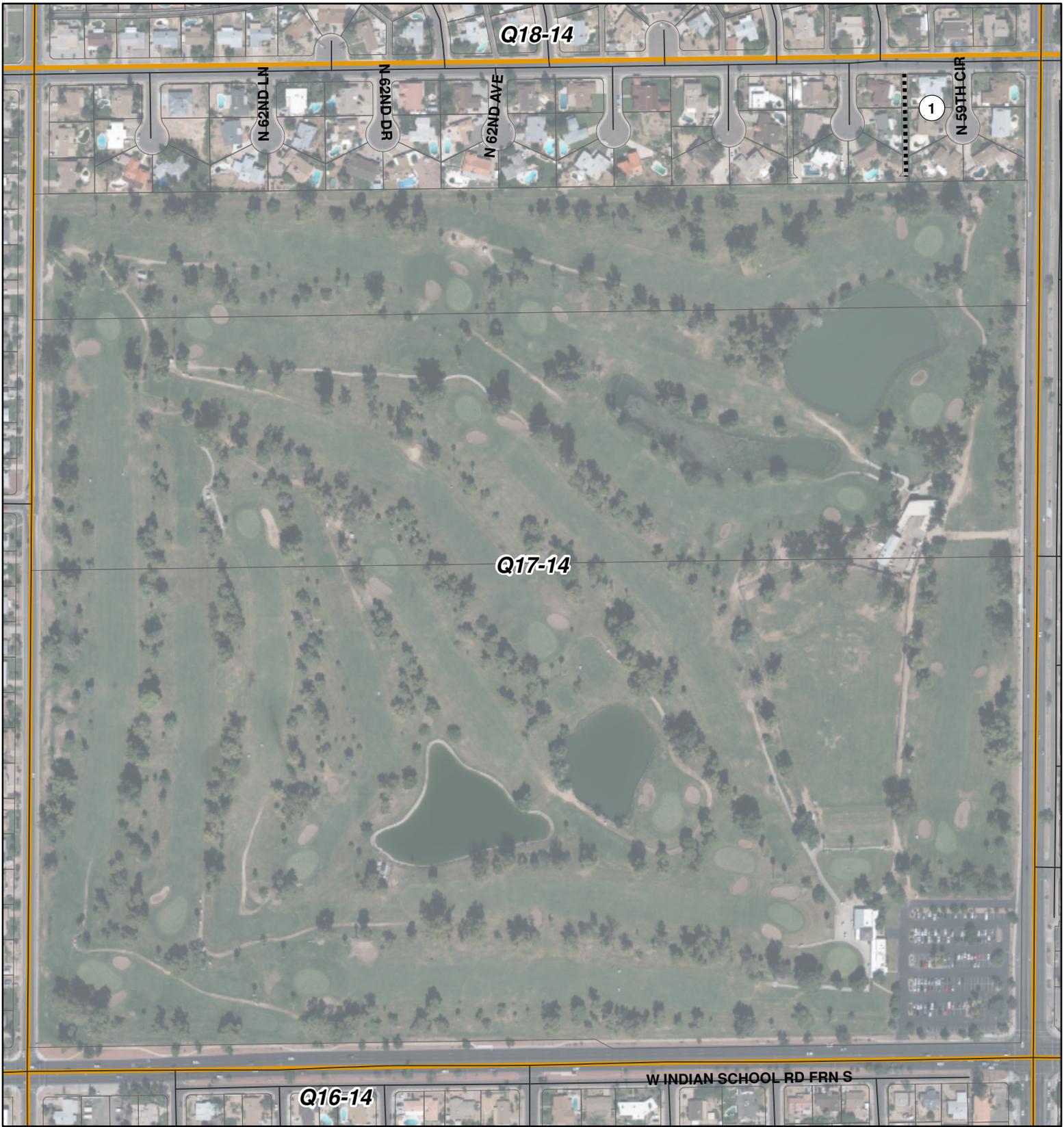
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 17-14
Alley (Miles) 0.05



City of Phoenix

Street Transportation Department
 Street Maintenance Division



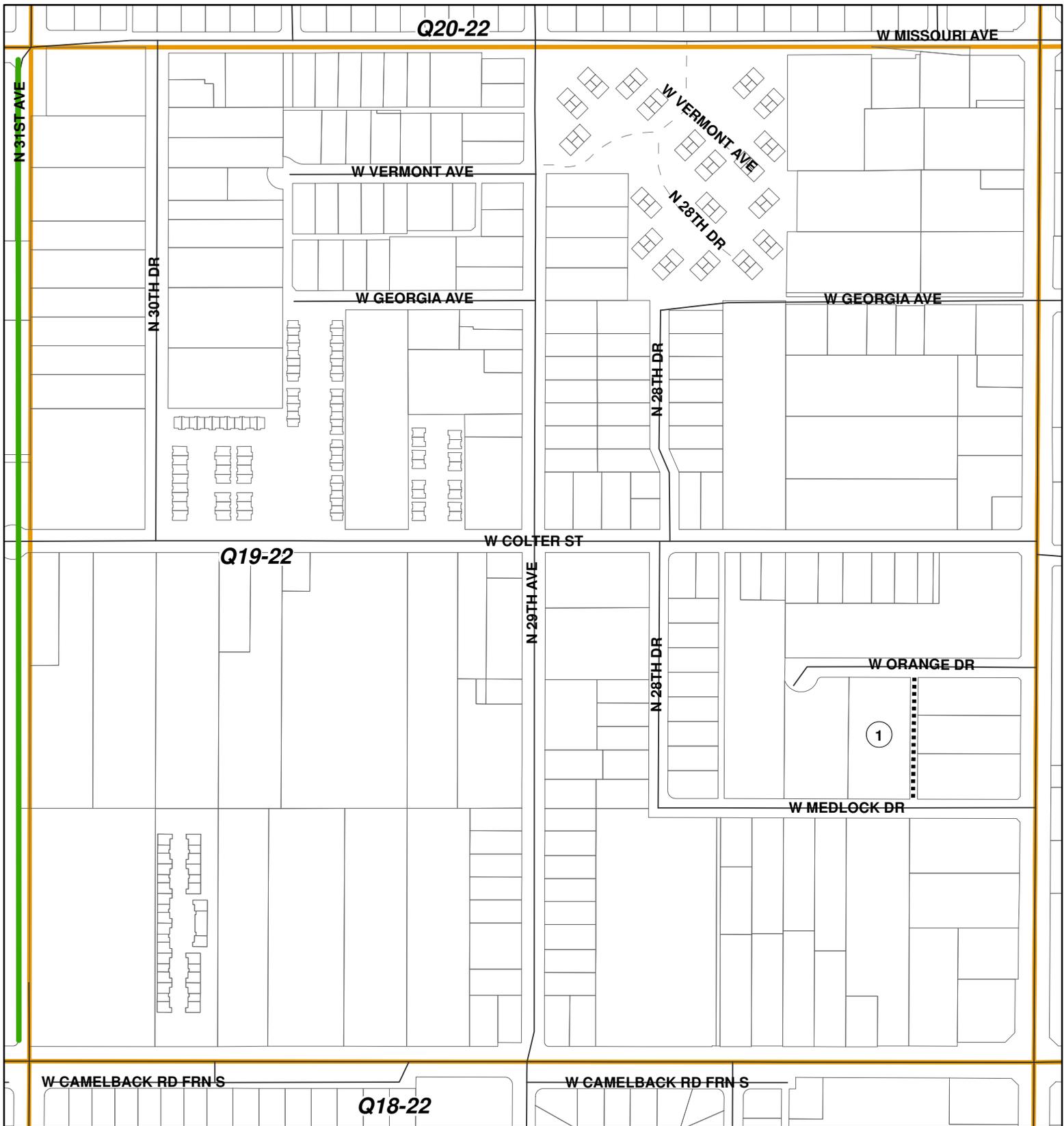
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 17-14
Alley (Miles) 0.05



City of Phoenix

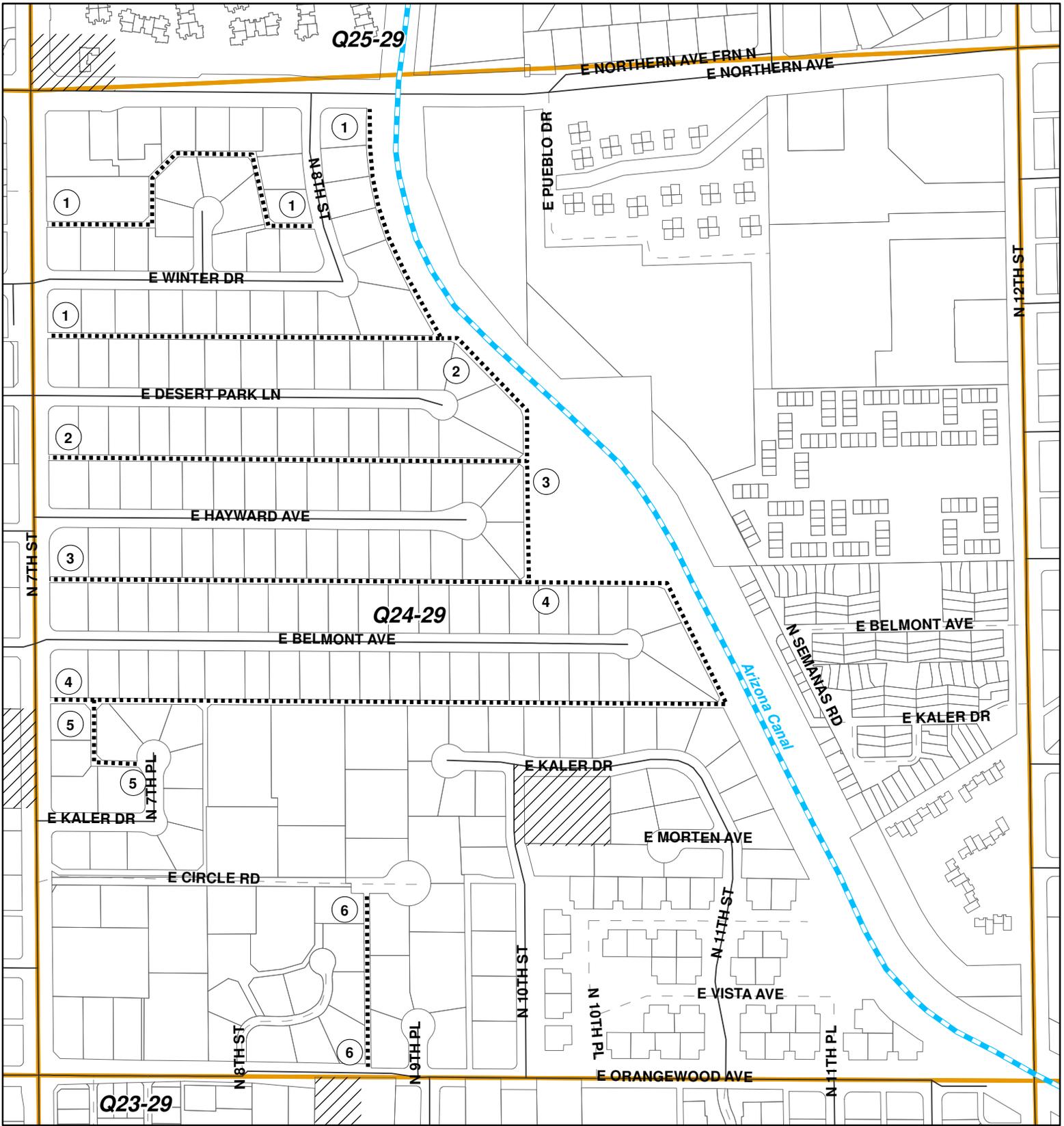
Street Transportation Department
 Street Maintenance Division



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

Quarter Section 19-22
Alley (Miles) 0.06





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

Quarter Section 24-29
Alley (Miles) 1.76



City of Phoenix

Street Transportation Department
 Street Maintenance Division



City of Phoenix Street Transportation

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

Quarter Section 24-29
Alley (Miles) 1.76



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 24-30
Alley (Miles) 1.23



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



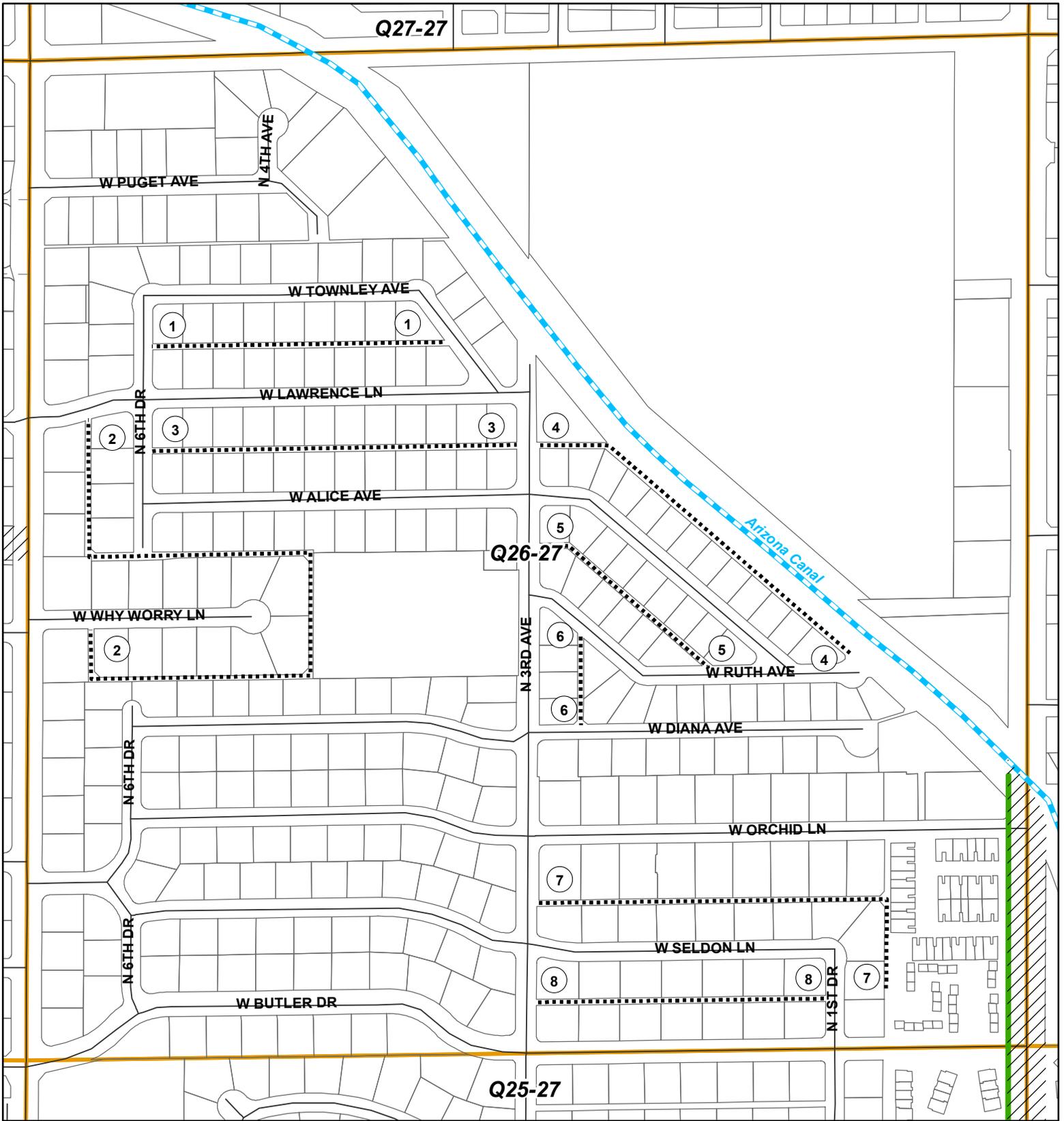
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 24-30
Alley (Miles) 1.23



City of Phoenix

Street Transportation Department
 Street Maintenance Division



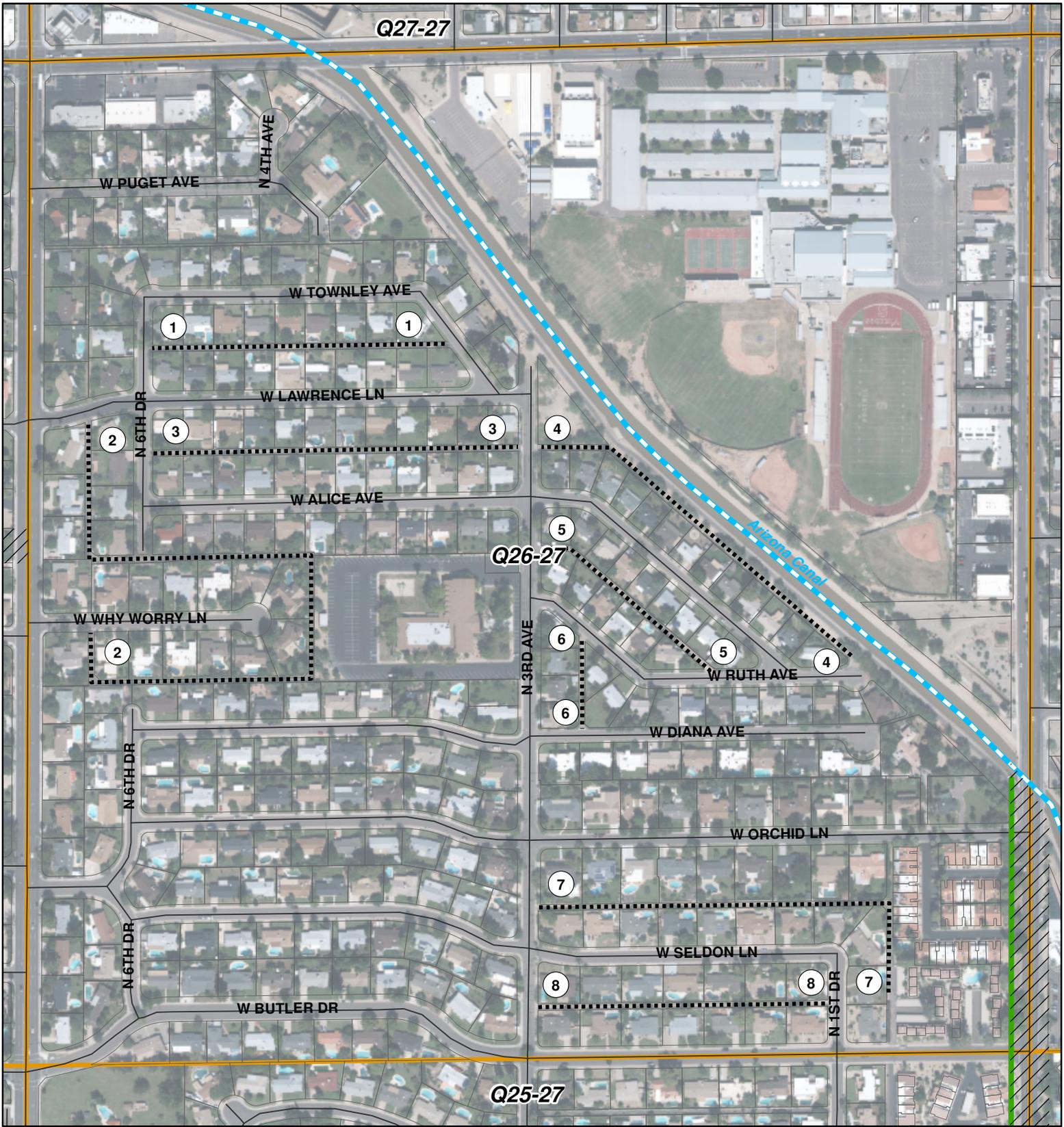
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 26-27
Alley (Miles) 1.41



City of Phoenix

Street Transportation Department
Street Maintenance Division



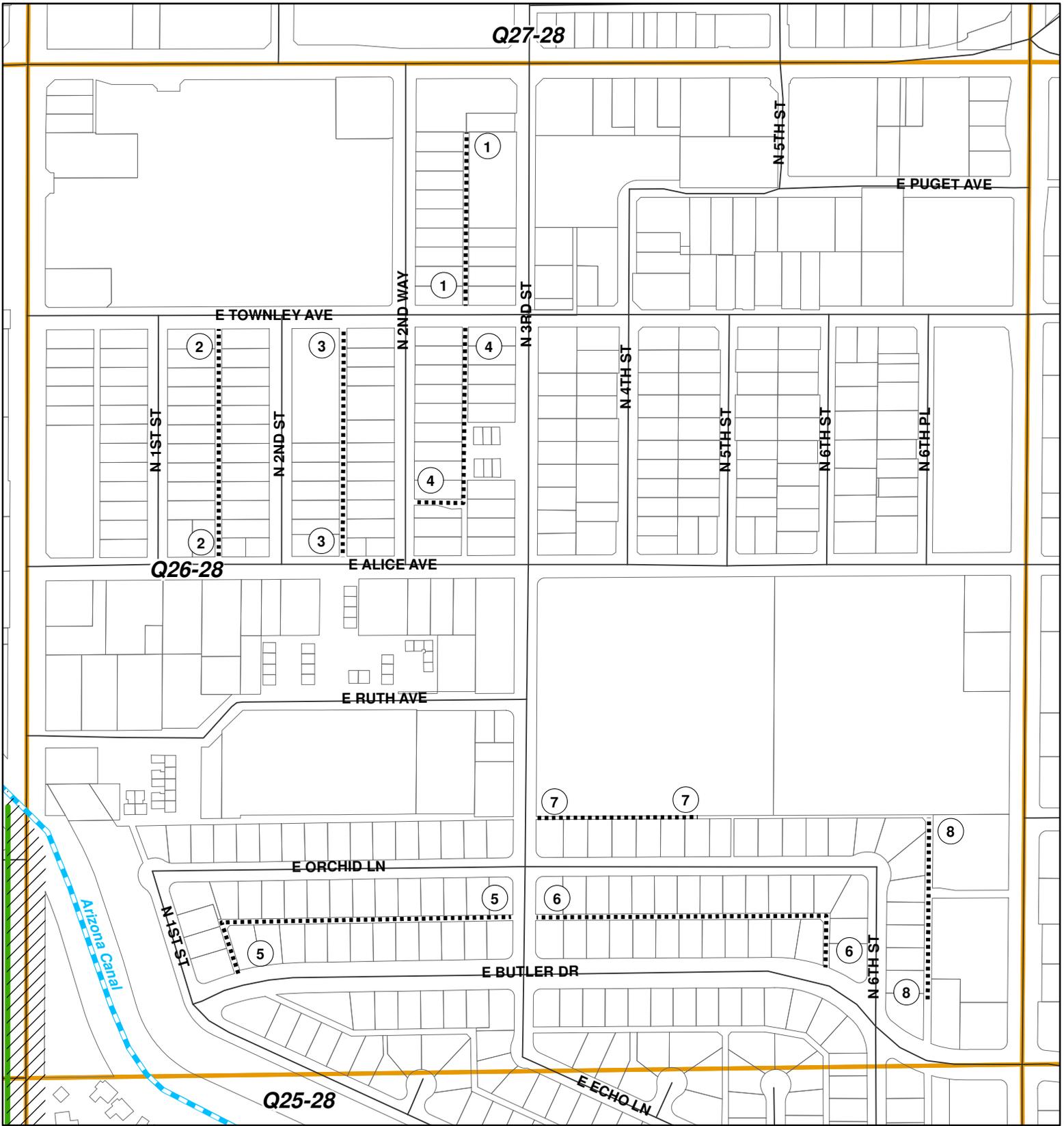
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 26-27
Alley (Miles) 1.41



City of Phoenix

Street Transportation Department
 Street Maintenance Division



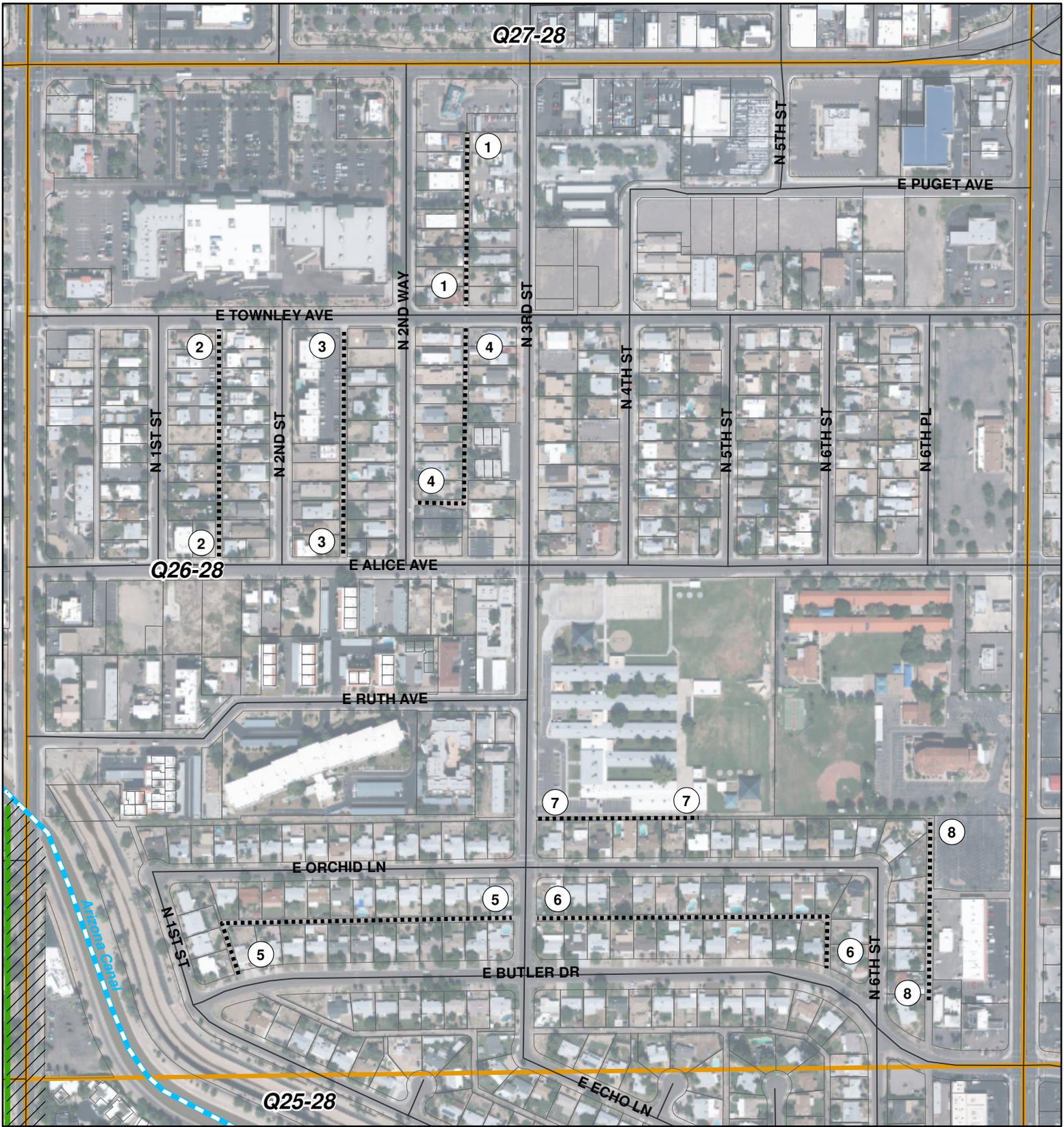
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 26-28
Alley (Miles) 0.94



City of Phoenix

Street Transportation Department
Street Maintenance Division



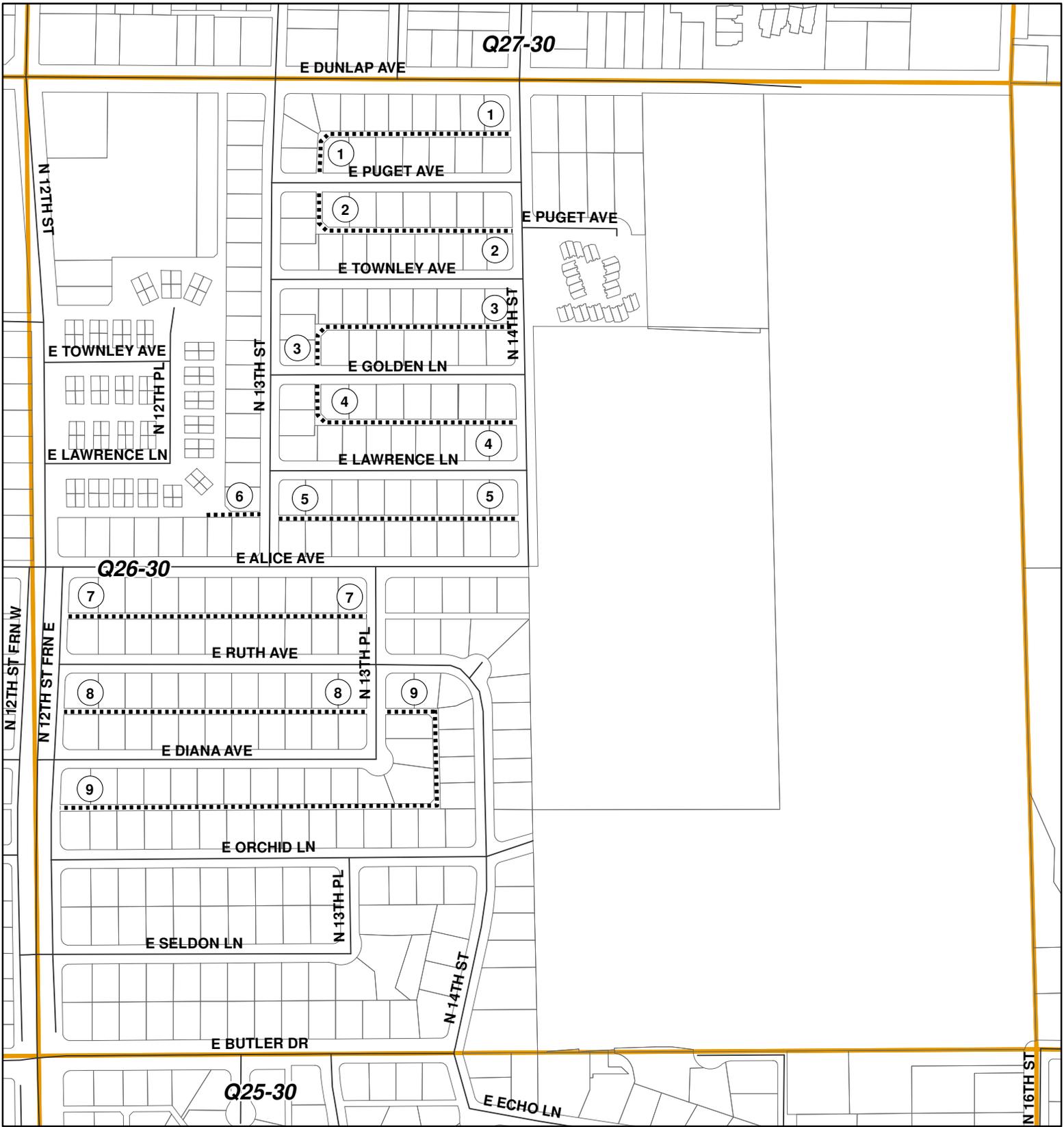
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 26-28
Alley (Miles) 0.94



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 26-30
Alley (Miles) 1.15



City of Phoenix

Street Transportation Department
Street Maintenance Division



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

Quarter Section 26-30
Alley (Miles) 1.15





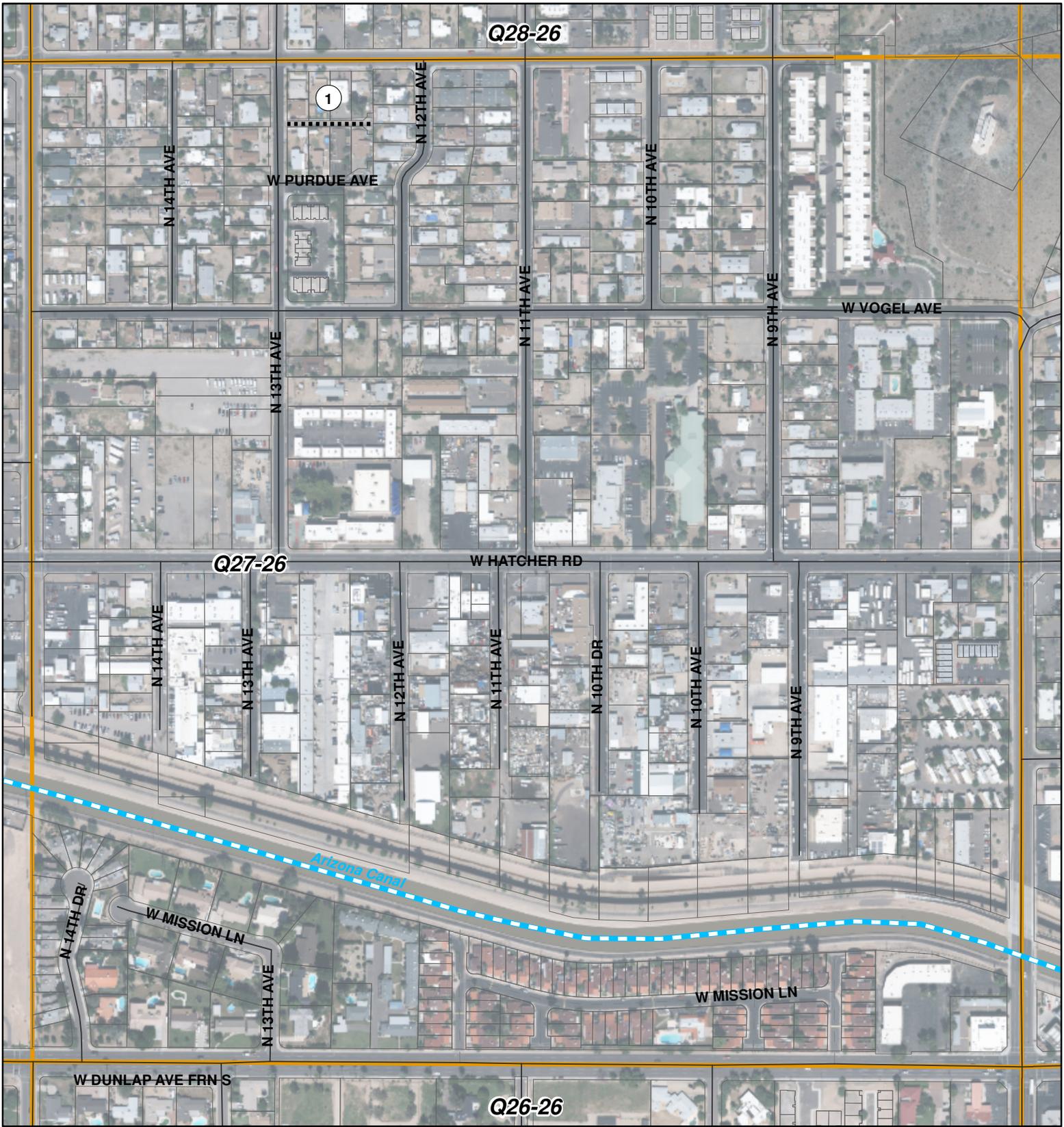
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 27-26
Alley (Miles) 0.04



City of Phoenix

Street Transportation Department
 Street Maintenance Division



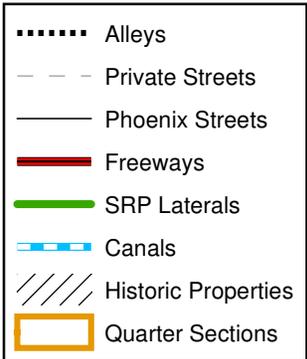
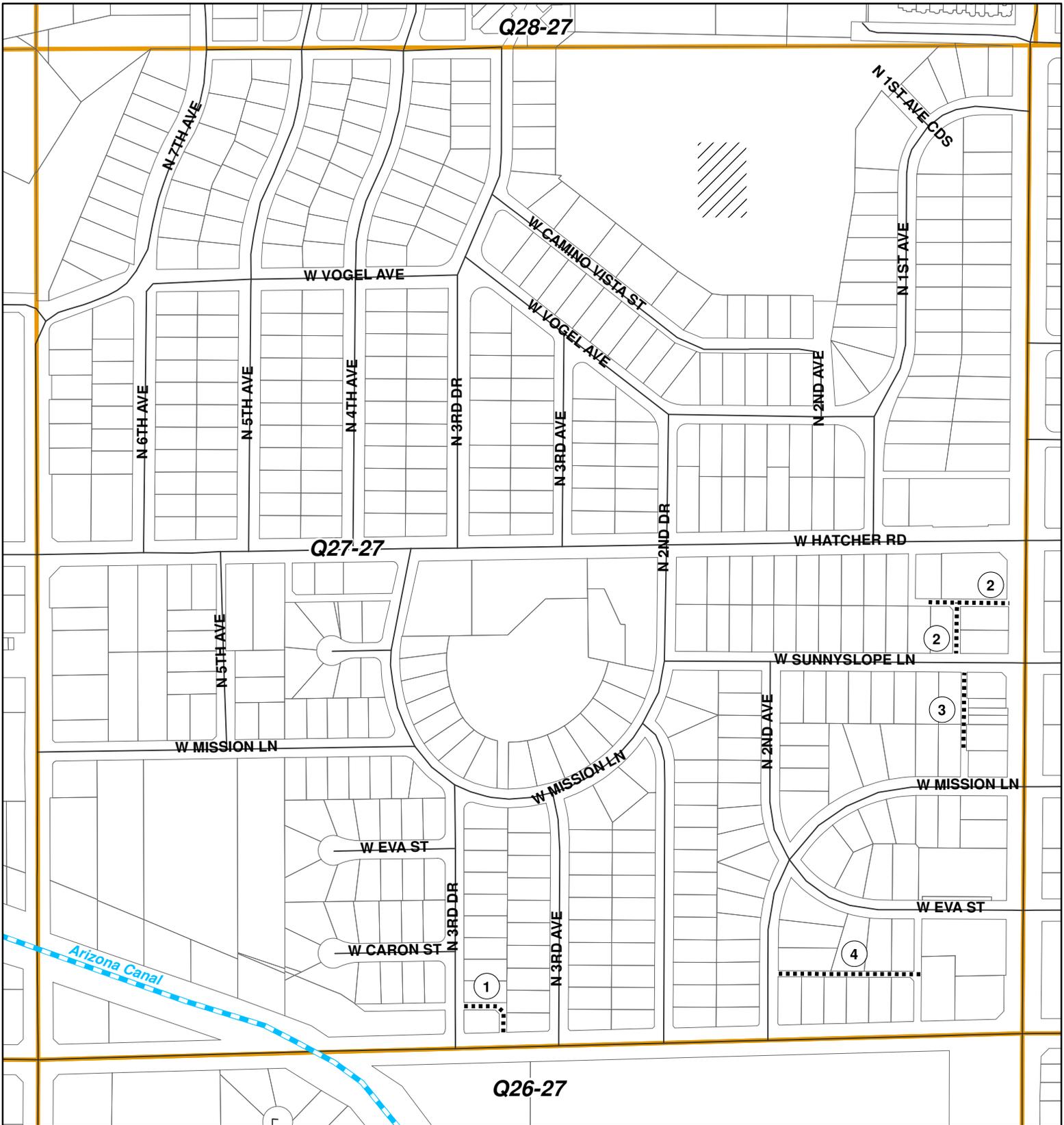
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 27-26
Alley (Miles) 0.04



City of Phoenix

Street Transportation Department
Street Maintenance Division



Quarter Section 27-27
Alley (Miles) 0.21



City of Phoenix

Street Transportation Department
 Street Maintenance Division



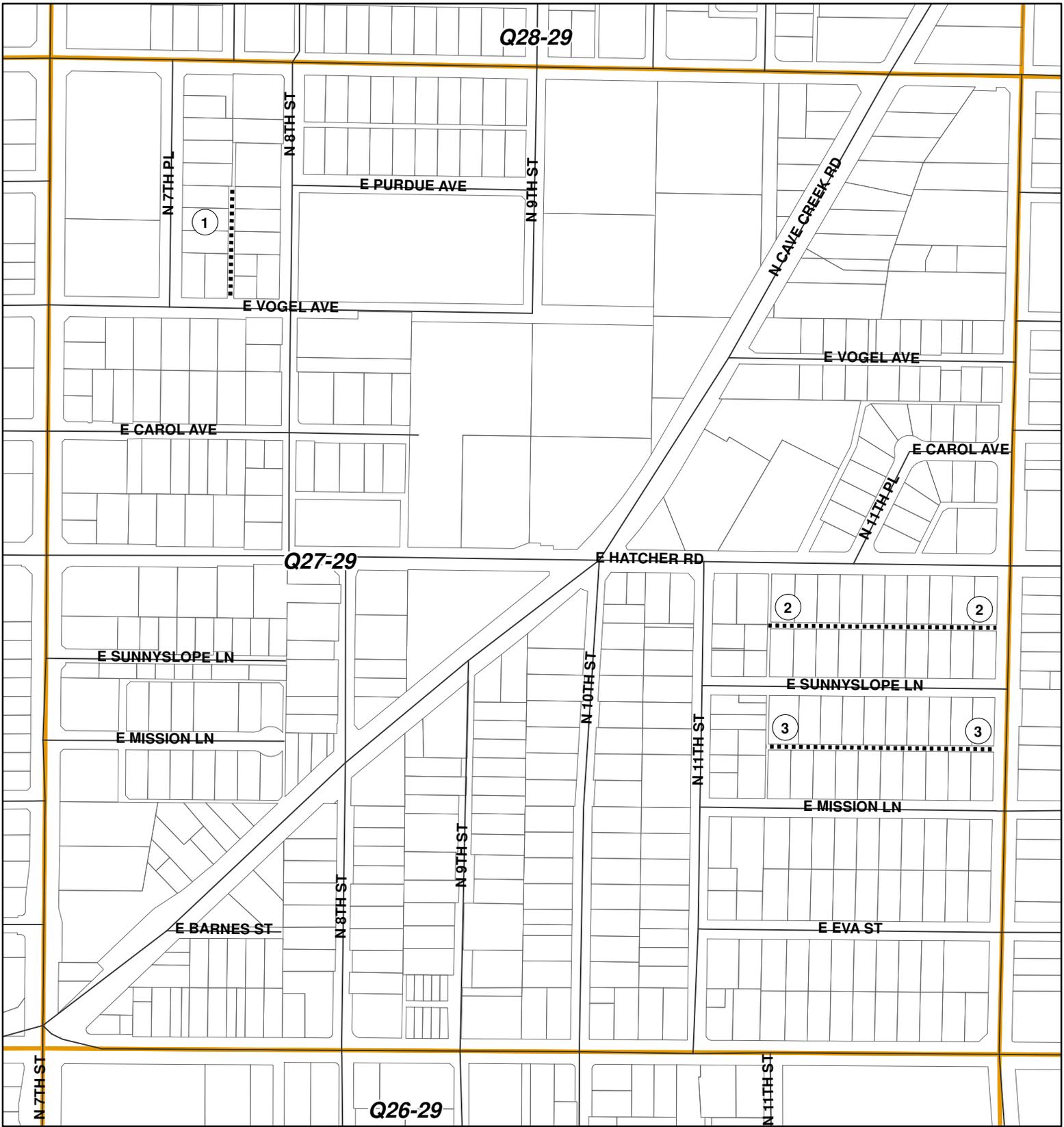
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 27-27
Alley (Miles) 0.21



City of Phoenix

Street Transportation Department
Street Maintenance Division



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

Quarter Section 27-29
Alley (Miles) 0.29



City of Phoenix

Street Transportation Department
 Street Maintenance Division



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

Quarter Section 27-29
Alley (Miles) 0.29



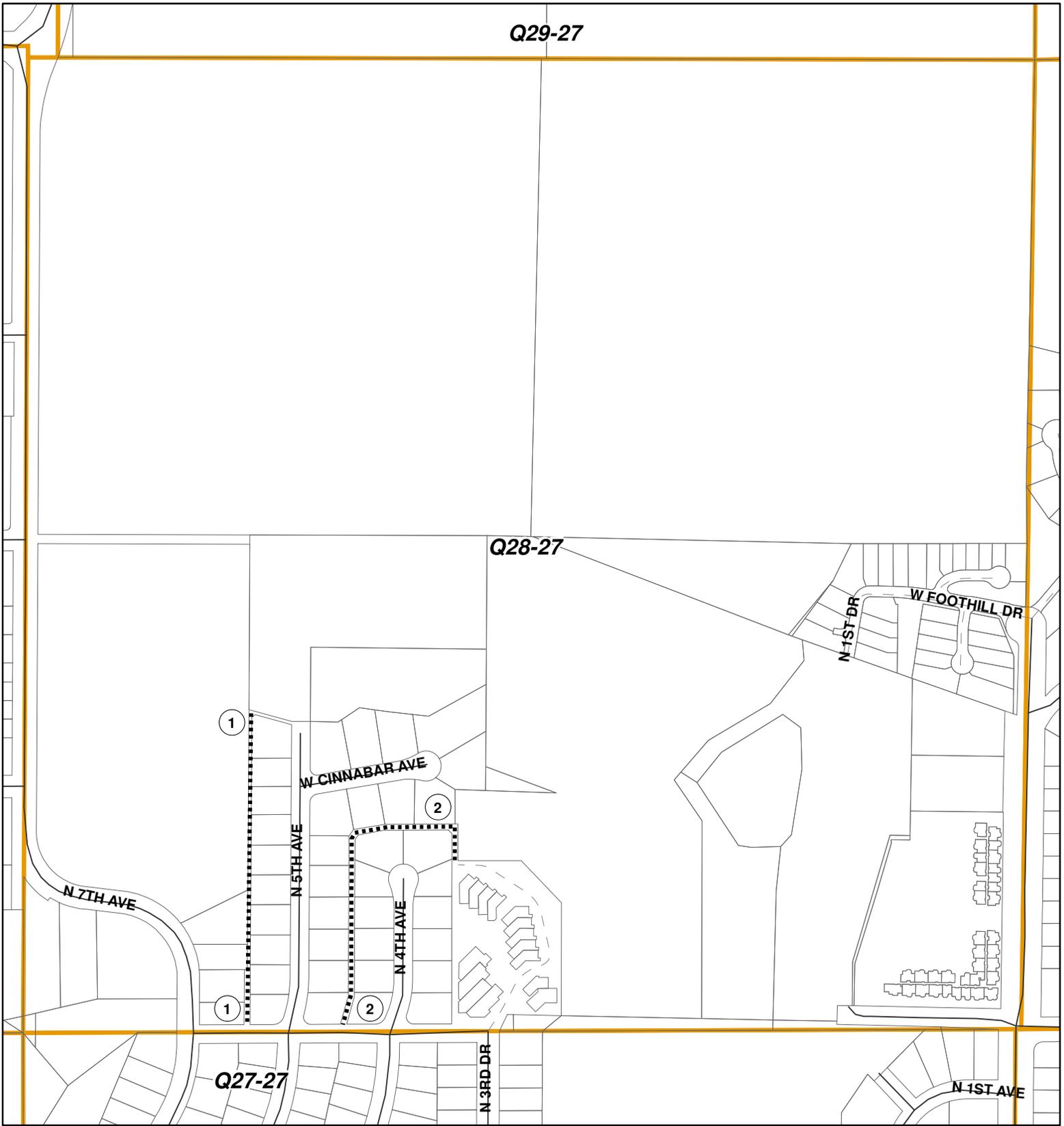
City of Phoenix

Street Transportation Department
 Street Maintenance Division

Q29-27

Q28-27

Q27-27



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

Quarter Section 28-27
Alley (Miles) 0.32



City of Phoenix

Street Transportation Department
Street Maintenance Division



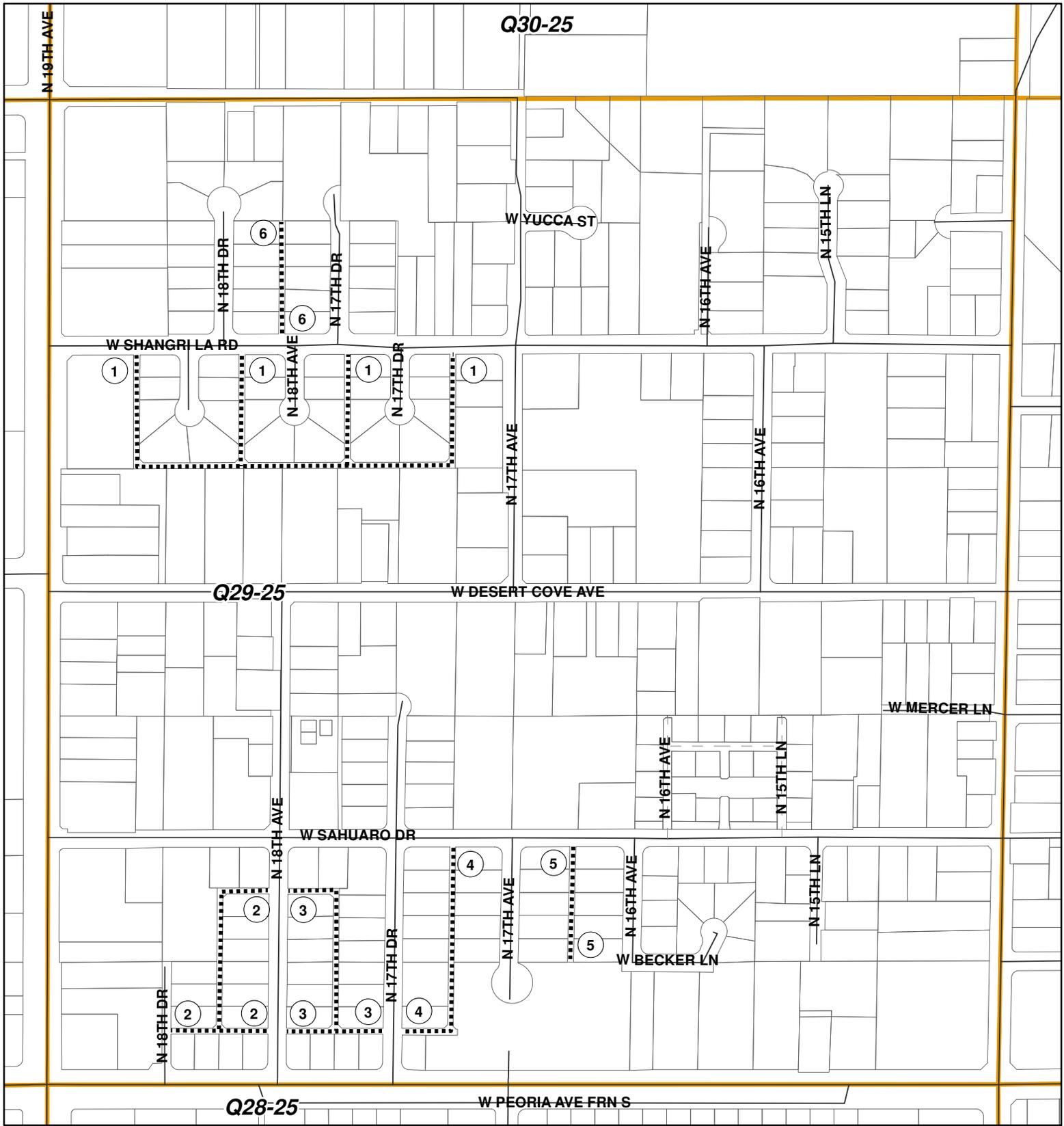
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 28-27
Alley (Miles) 0.32



City of Phoenix

Street Transportation Department
 Street Maintenance Division



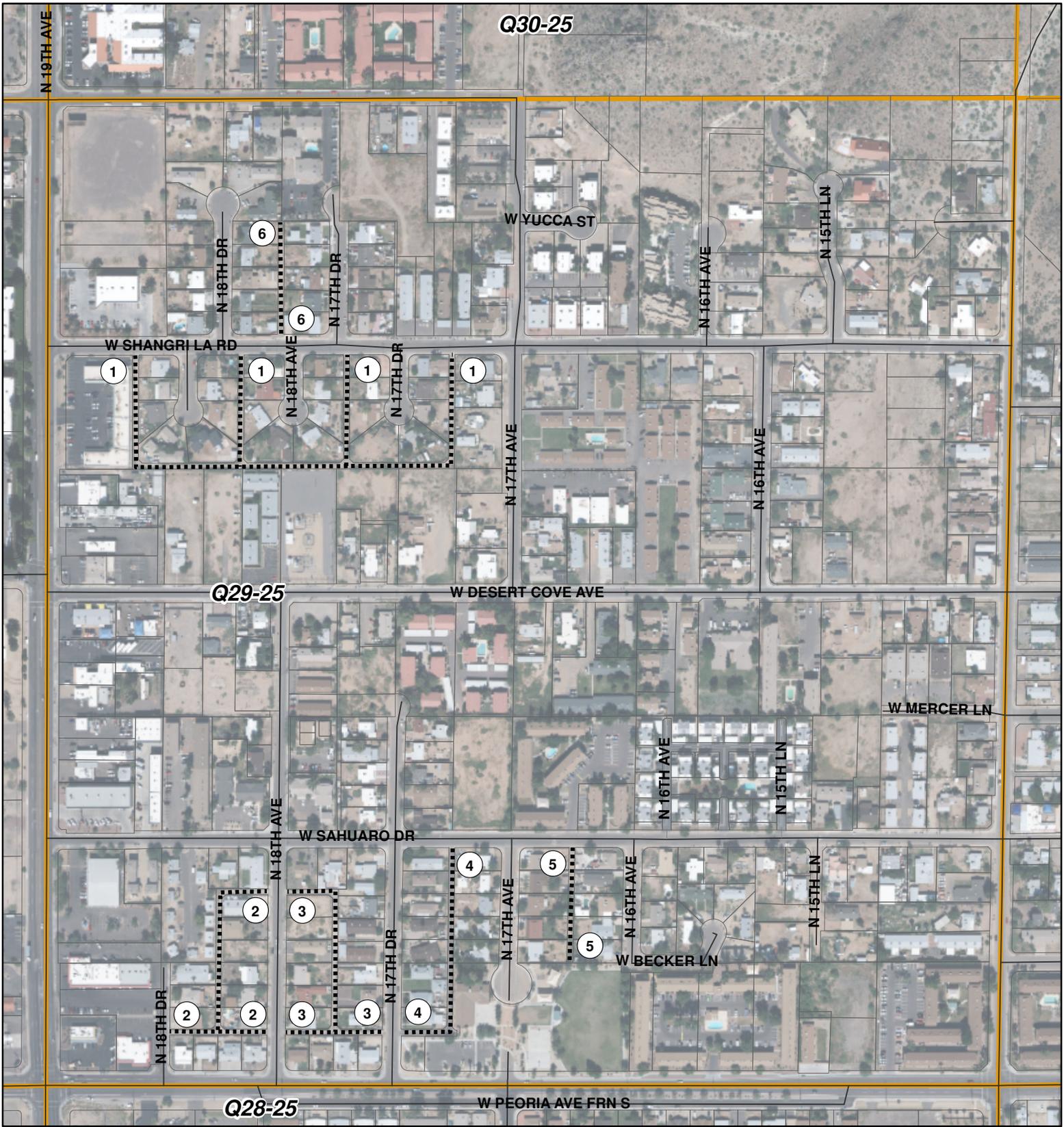
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 29-25
Alley (Miles) 0.90



City of Phoenix

Street Transportation Department
 Street Maintenance Division

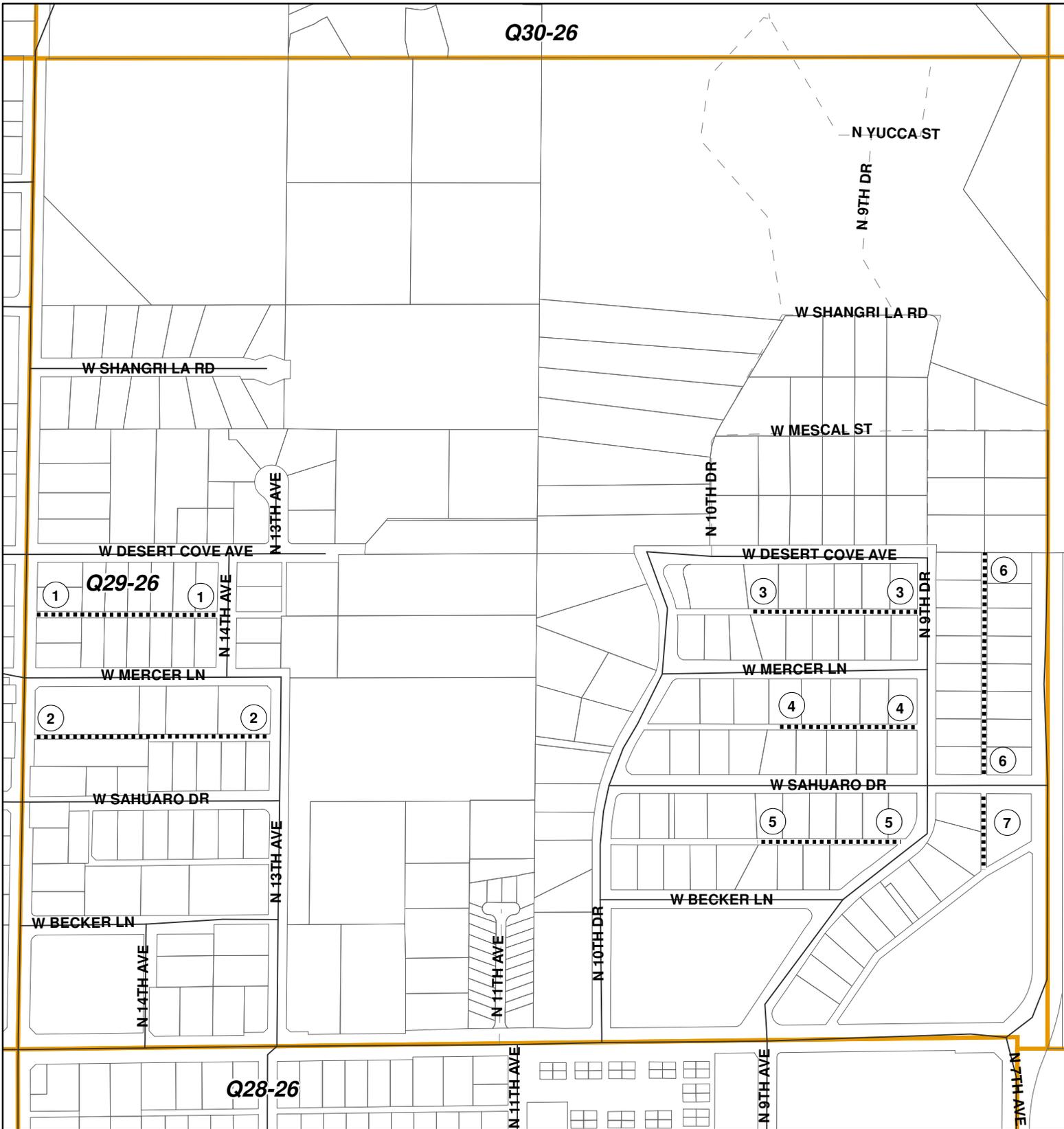


- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 29-25
Alley (Miles) 0.90



Q30-26



Q28-26

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

Quarter Section 29-26
Alley (Miles) 0.58



City of Phoenix

Street Transportation Department
Street Maintenance Division



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

Quarter Section 29-26
Alley (Miles) 0.58



City of Phoenix

Street Transportation Department
Street Maintenance Division



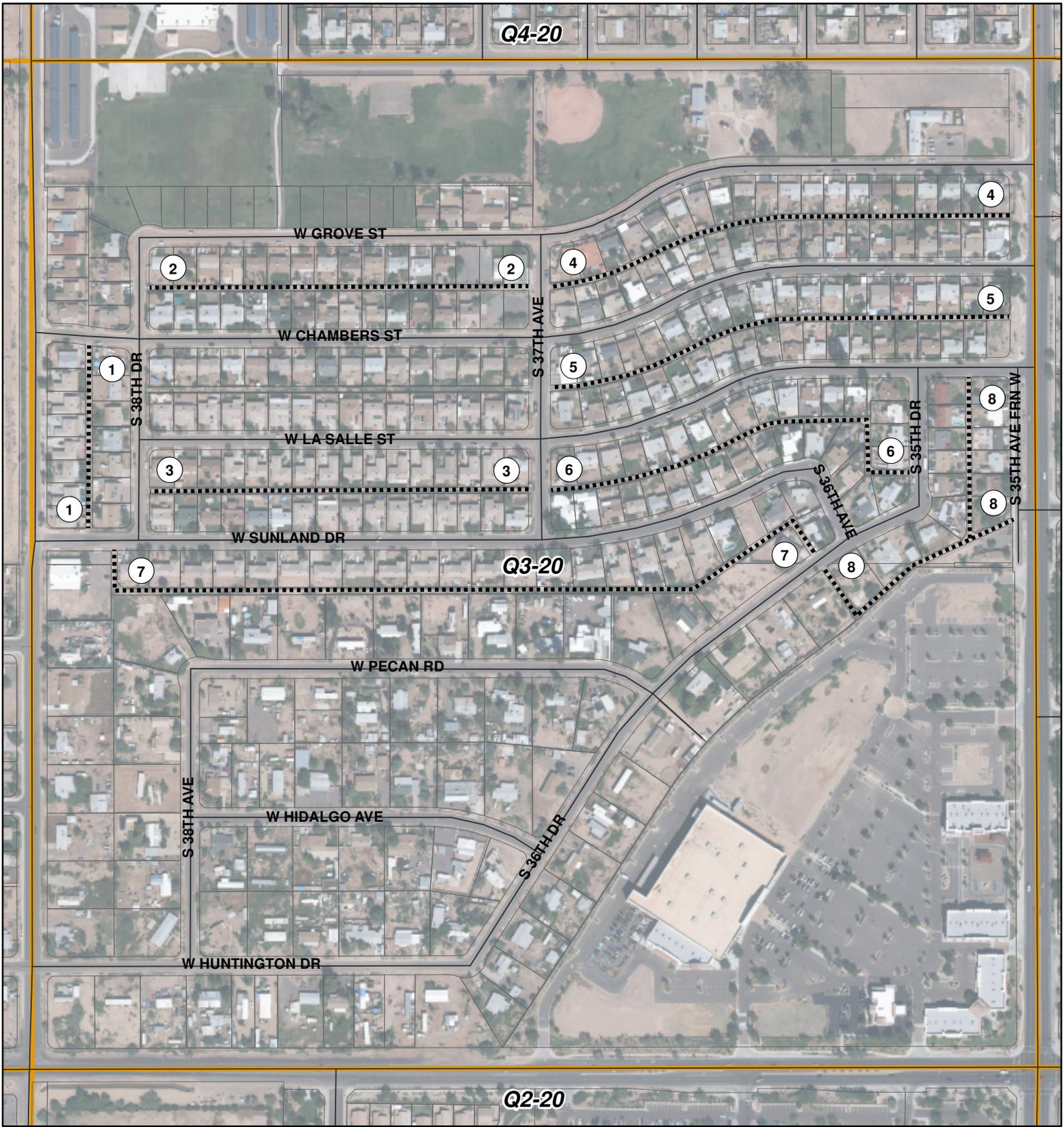
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 3-20
Alley (Miles) 1.74



City of Phoenix

Street Transportation Department
Street Maintenance Division



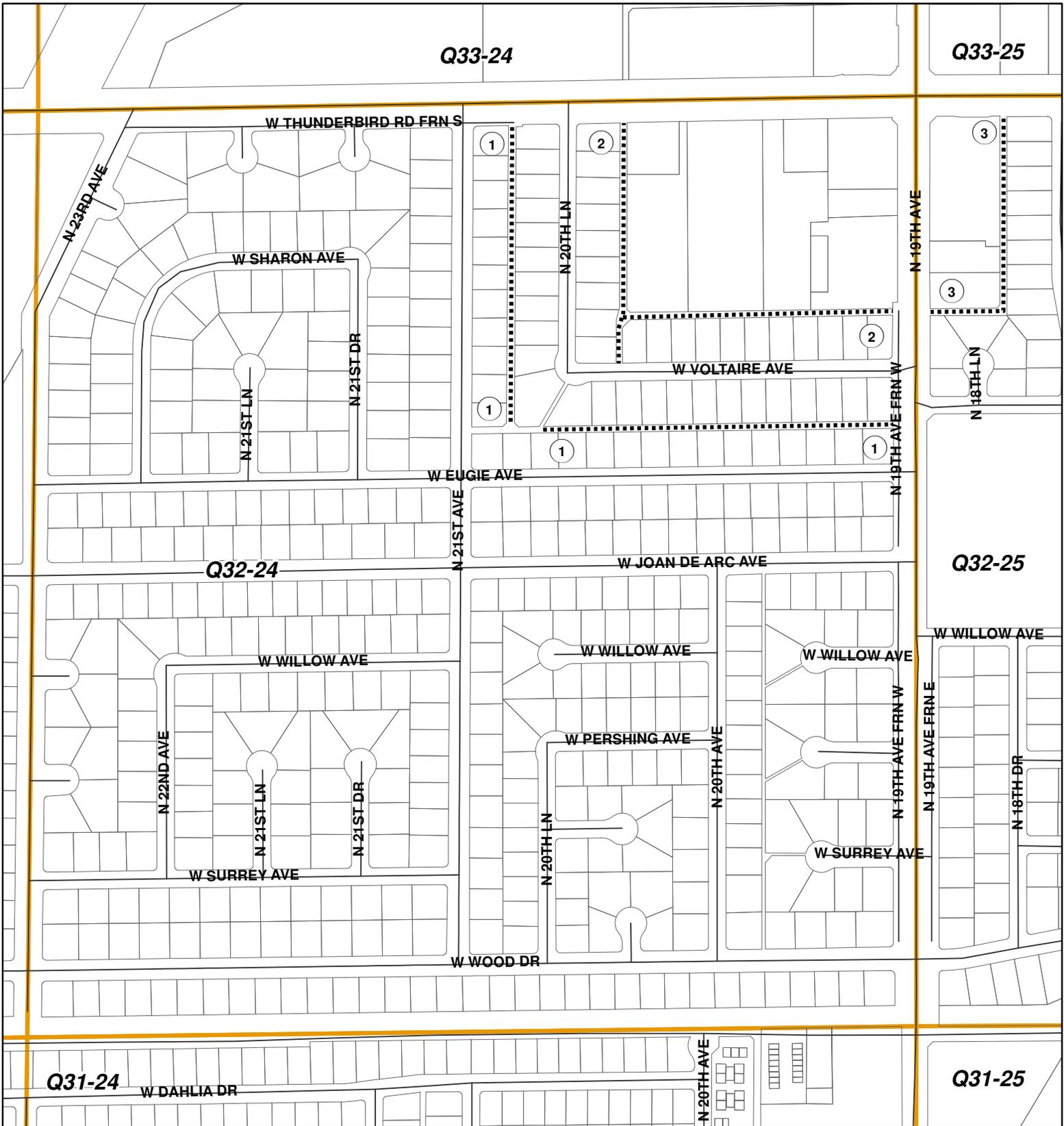
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 3-20
Alley (Miles) 1.74



City of Phoenix

Street Transportation Department
Street Maintenance Division



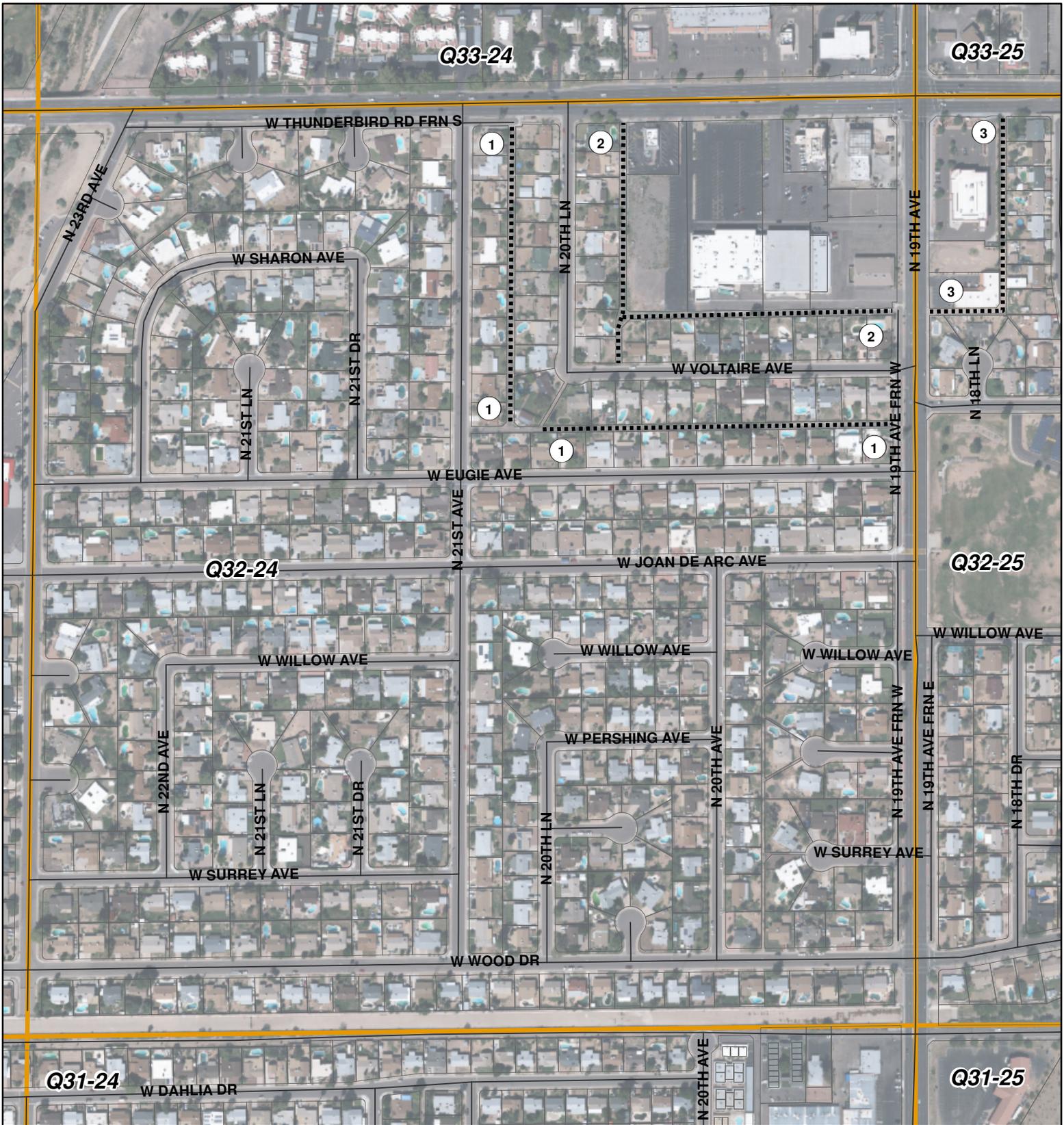
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 32-24
Alley (Miles) 0.77



City of Phoenix

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

Quarter Section 32-24
Alley (Miles) 0.77



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

Quarter Section 3-25
Alley (Miles) 1.83



City of Phoenix

Street Transportation Department
 Street Maintenance Division



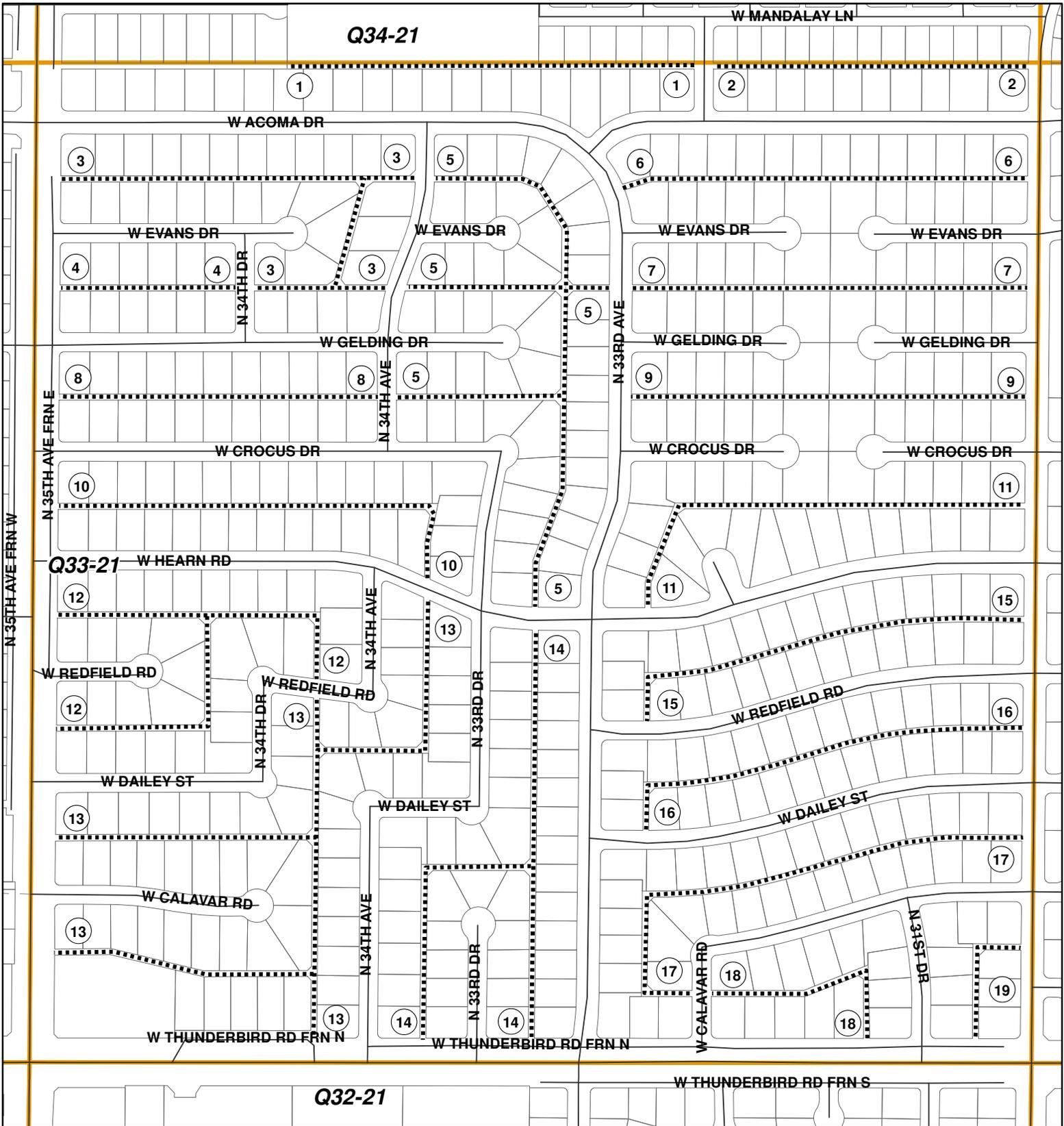
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 3-25
Alley (Miles) 1.83



City of Phoenix

Street Transportation Department
Street Maintenance Division



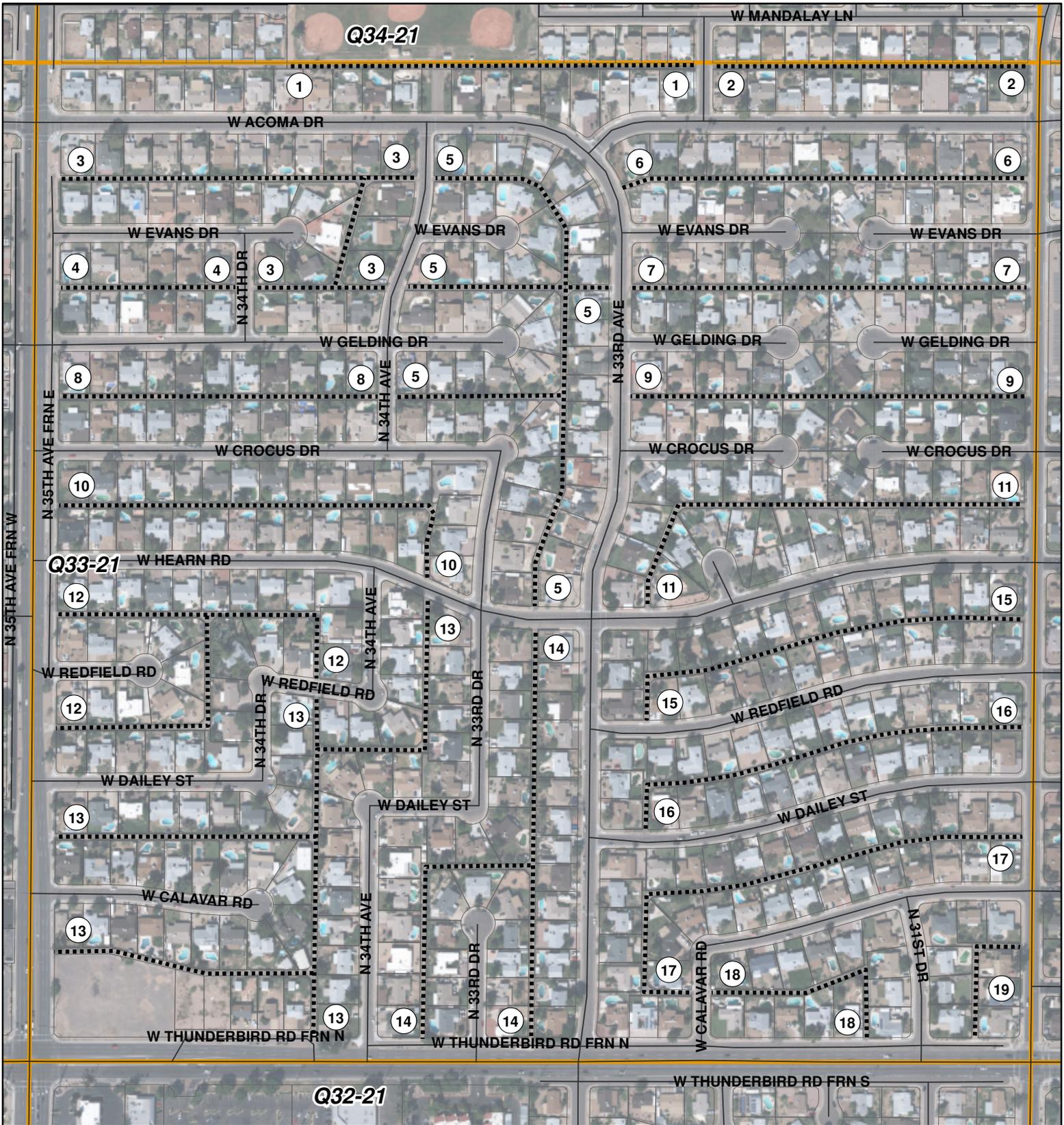
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-21
Alley (Miles) 4.45



City of Phoenix

Street Transportation Department
Street Maintenance Division



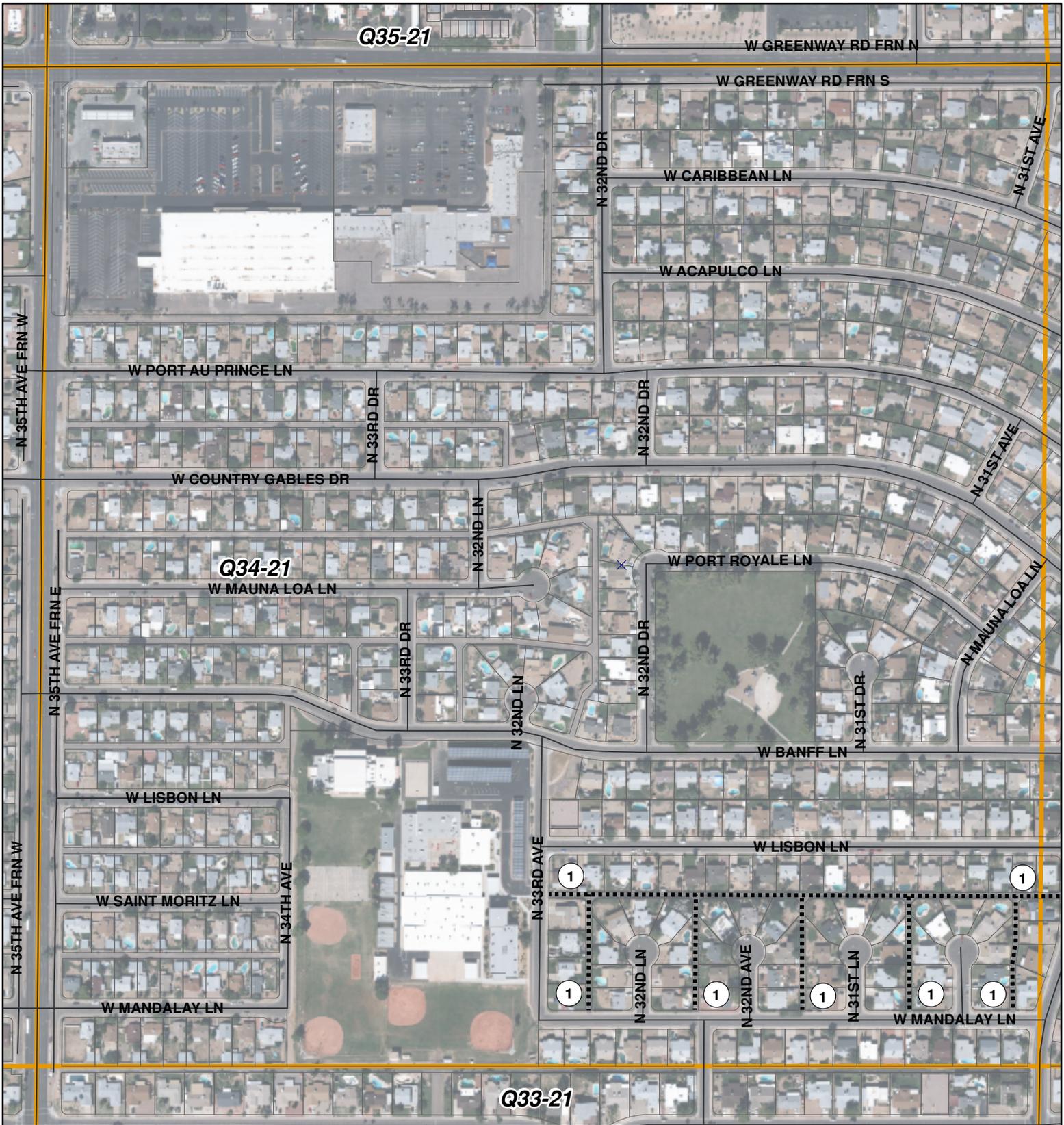
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 33-21
Alley (Miles) 4.45



City of Phoenix

Street Transportation Department
 Street Maintenance Division

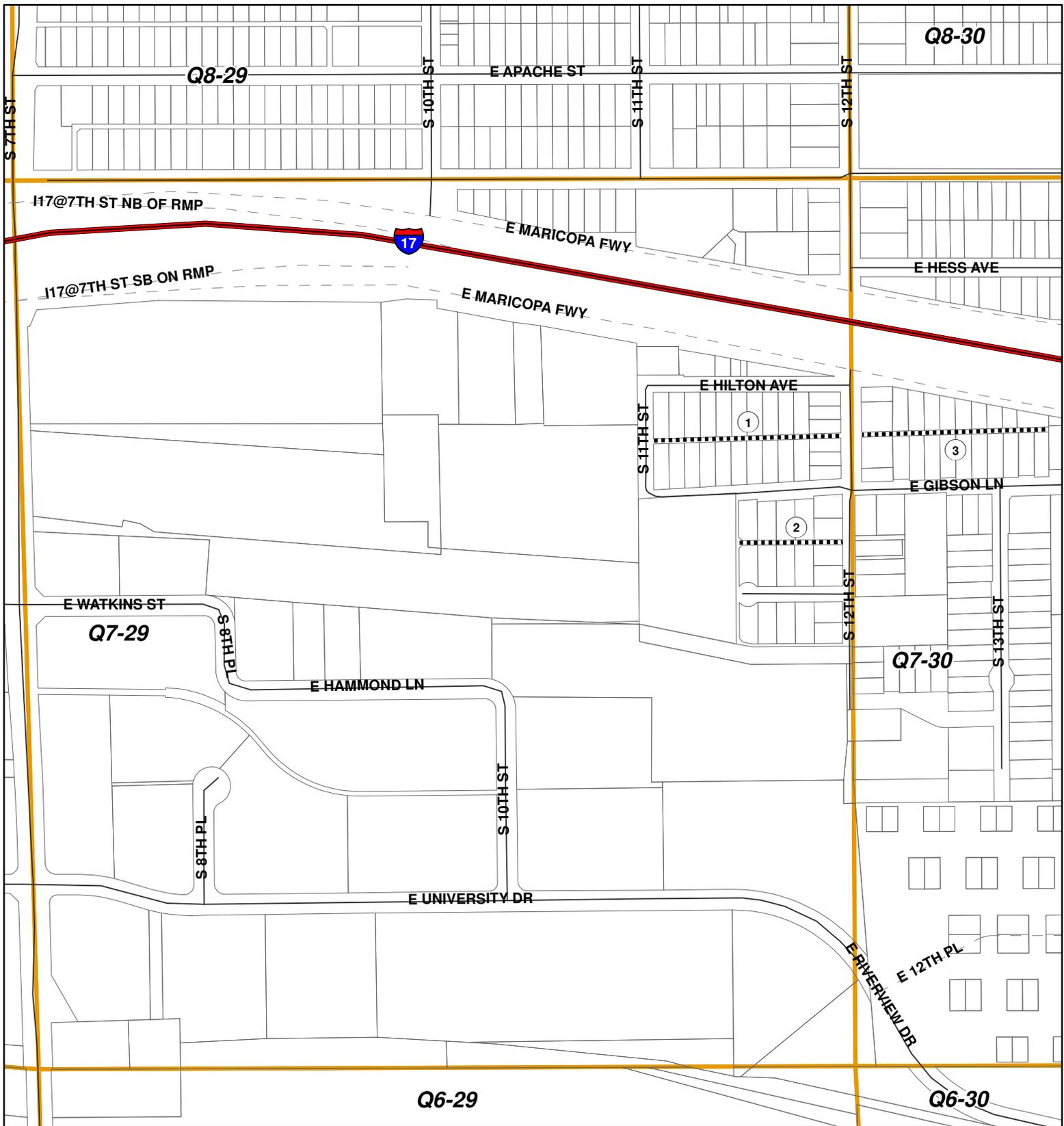


- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 34-21
Alley (Miles) 0.54



City of Phoenix
 Street Transportation Department
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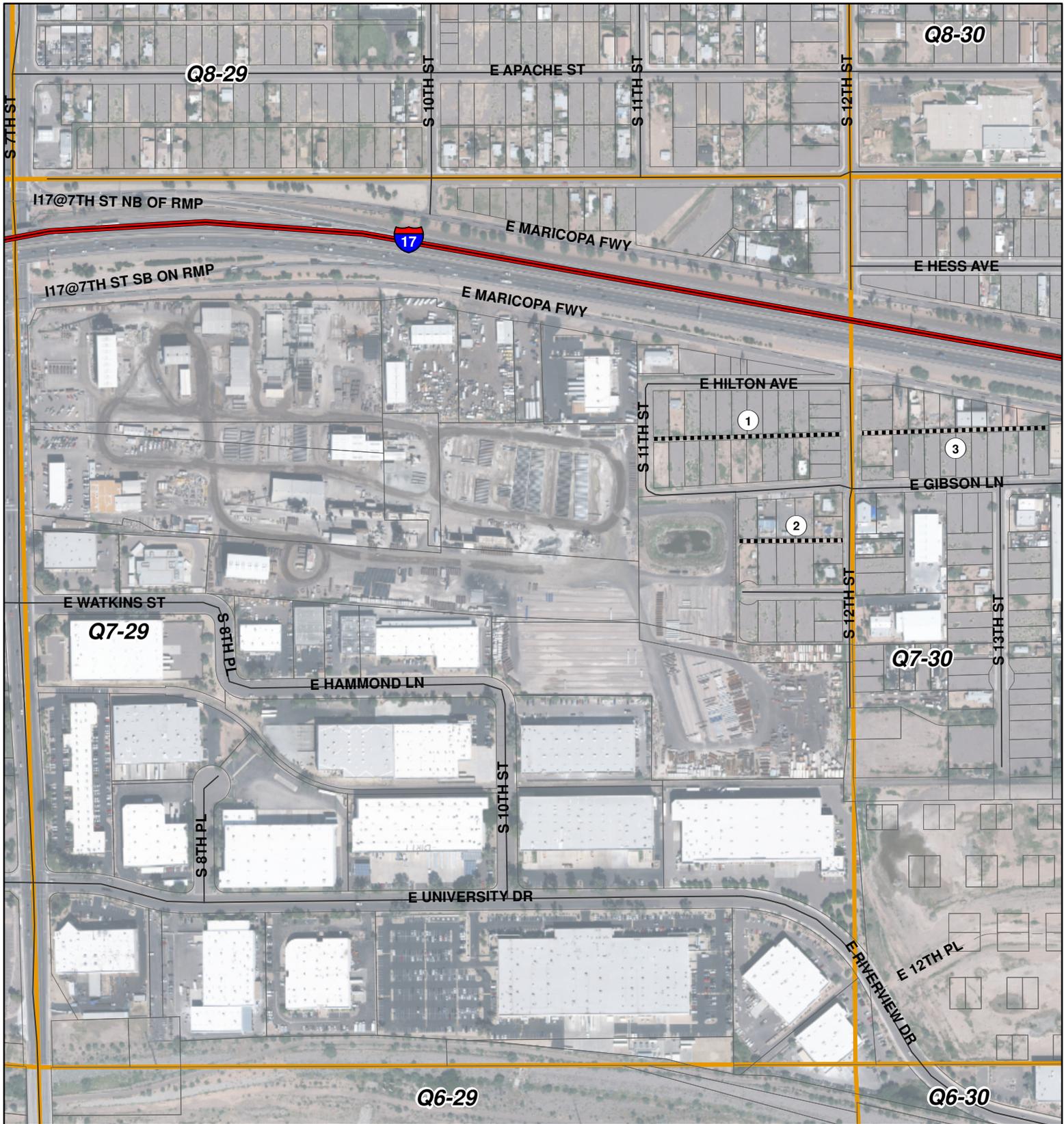


- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 7-29
Alley (Miles) 0.29



City of Phoenix
 Street Transportation Department
 Street Maintenance Division



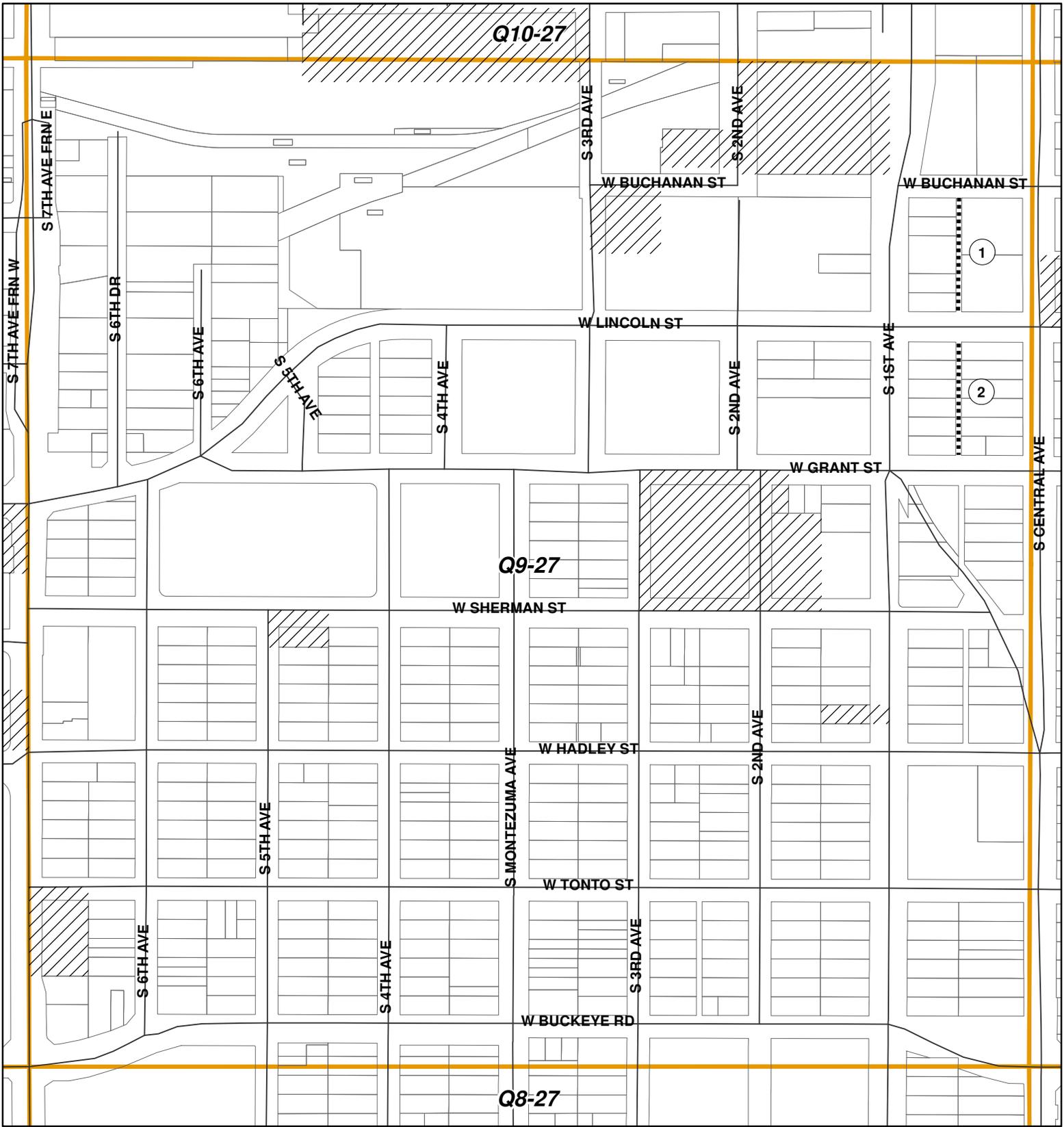
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
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Quarter Section 7-29
Alley (Miles) 0.29



City of Phoenix

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

Quarter Section 9-27
Alley (Miles) 0.11



City of Phoenix

Street Transportation Department
 Street Maintenance Division



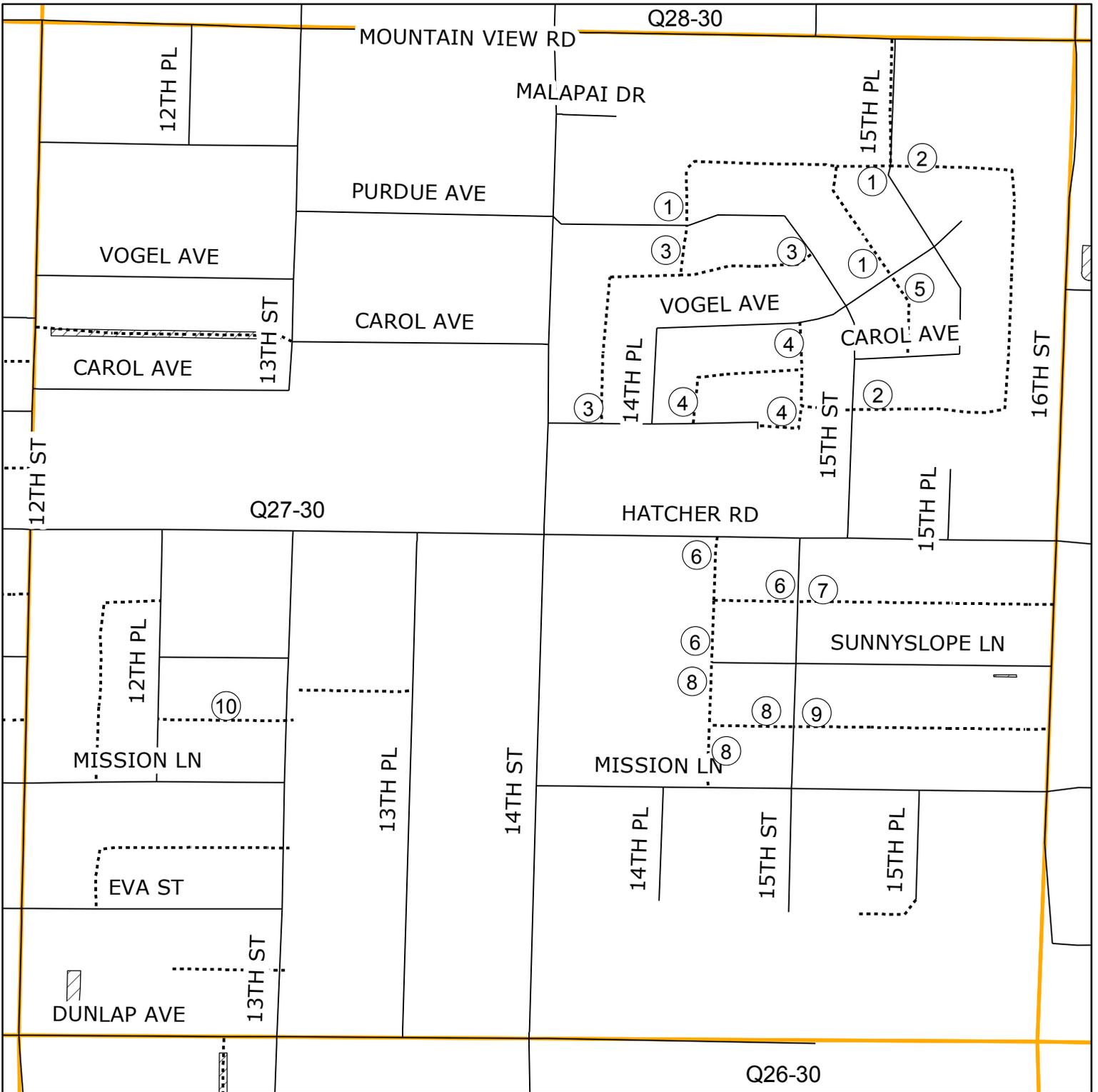
- Alleys
- - - Private Streets
- Phoenix Streets
- Freeways
- SRP Laterals
- Canals
- /// Historic Properties
- Quarter Sections

Quarter Section 9-27
Alley (Miles) 0.11



City of Phoenix

Street Transportation Department
 Street Maintenance Division



Legend

STREETS

— Accepted Streets

JURISDICTION

- - Private

MapIndex

GISADM.ADOT_FREEWAYS

CANALS

GISADM.DSD_ABANDON

GISADM.HISTORIC_PROPERTIES

Quarter Section 27-30
Alley Miles 1.1





Legend

STREETS

— Accepted Streets

JURISDICTION

- - Private

MapIndex

GISADM.ADOT_FREEWAYS

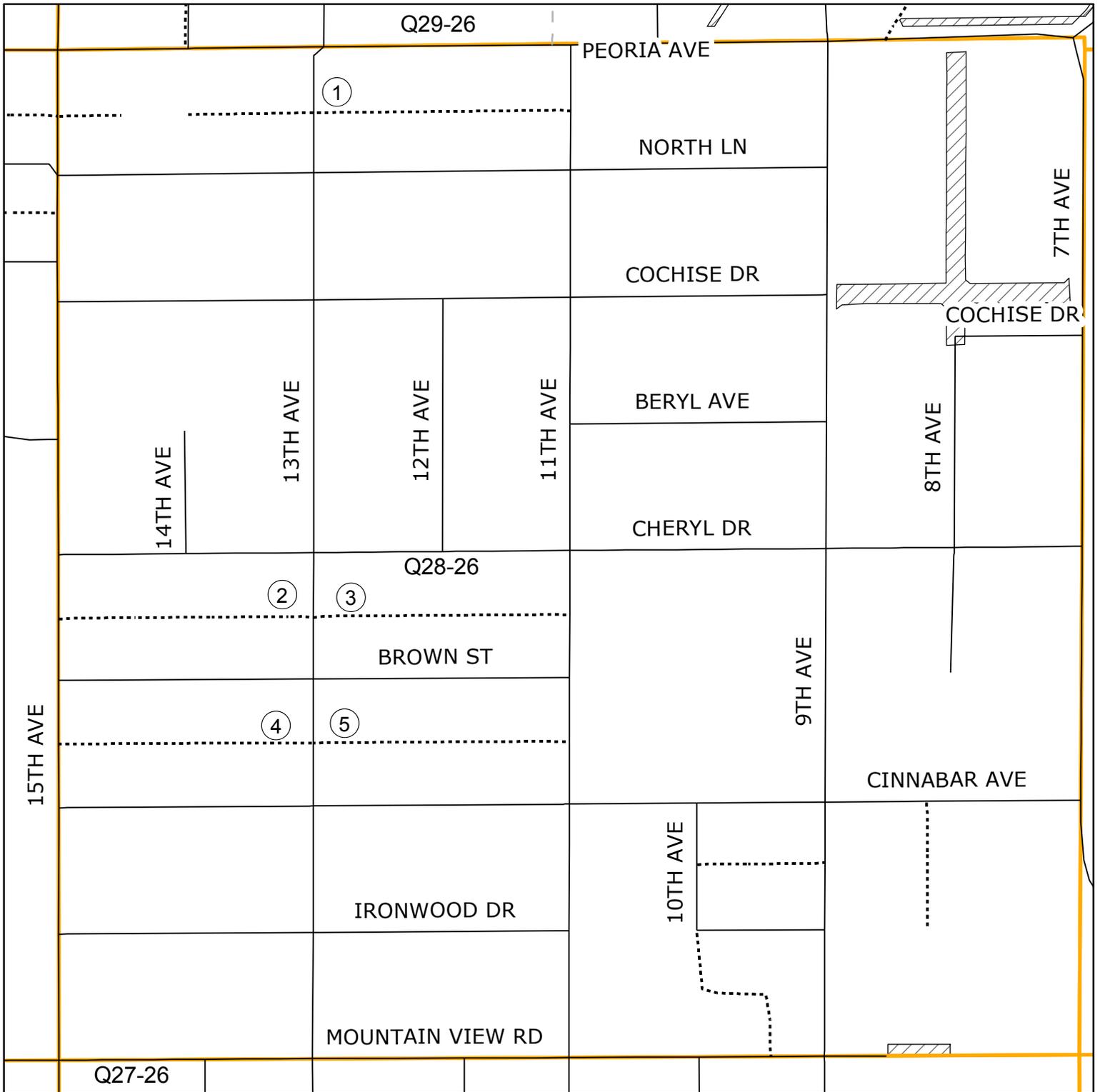
CANALS

GISADM.DSD_ABANDON

GISADM.HISTORIC_PROPERTIES

Quarter Section 27-31
Alley Miles 0.6





Quarter Section 28-26
 Alley Miles 0.6



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

STREETS

— Accepted Streets

JURISDICTION

- - Private

MapIndex

GISADM.ADOT_FREEWAYS

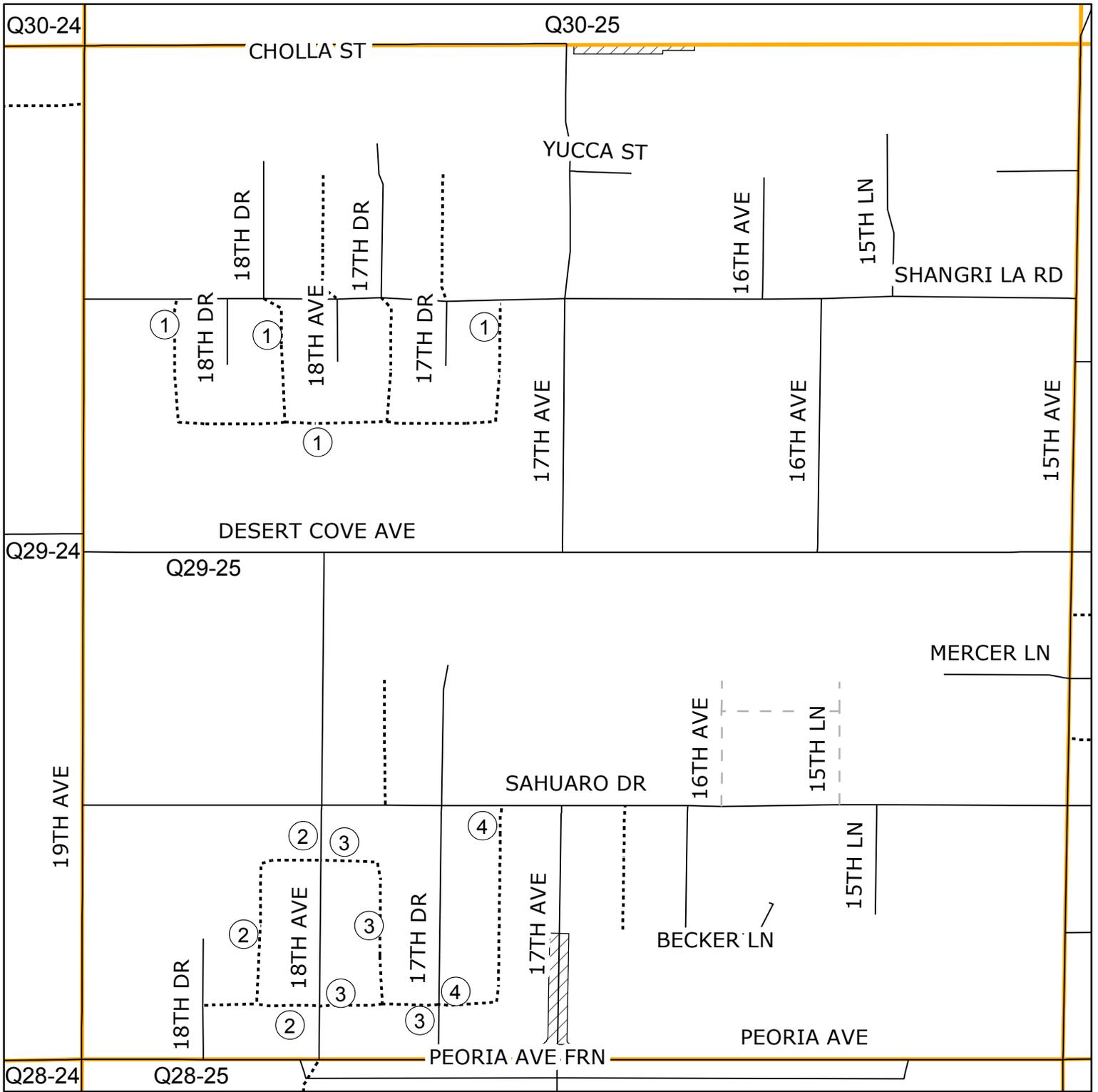
CANALS

GISADM.DSD_ABANDON

GISADM.HISTORIC_PROPERTIES

Quarter Section 28-29+
Alley Miles 1.2

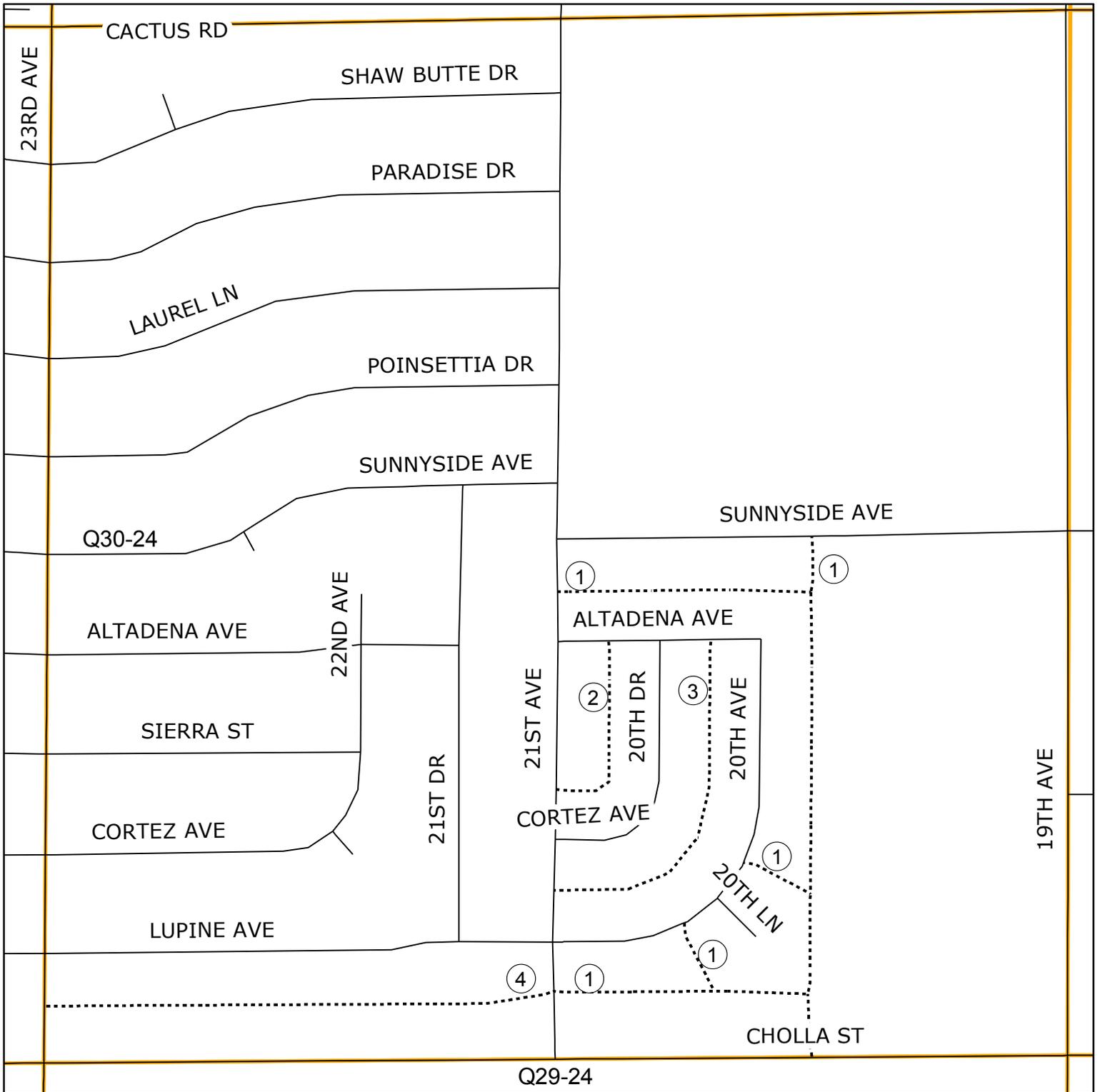




- Legend**
- STREETS**
 - Accepted Streets
 - JURISDICTION**
 - - - Private
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 - GISADM.ADOT_FREEWAYS
 - CANALS
 - GISADM.DSD_ABANDON
 - GISADM.HISTORIC_PROPERTIES

Quarter Section 29-25
 Alley Miles 0.7



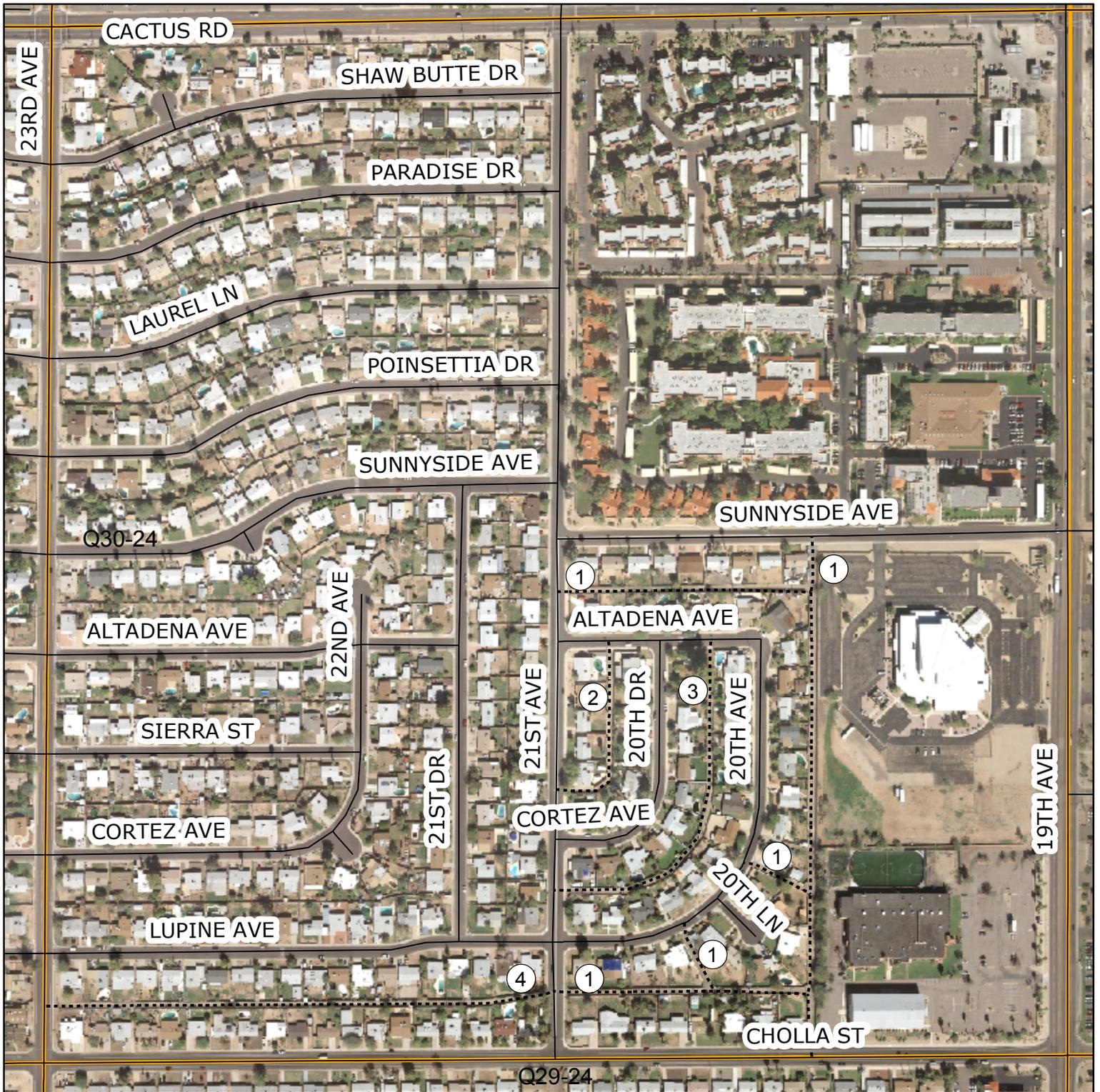


Quarter Section 30-24
 Alley Miles 1.0



Legend

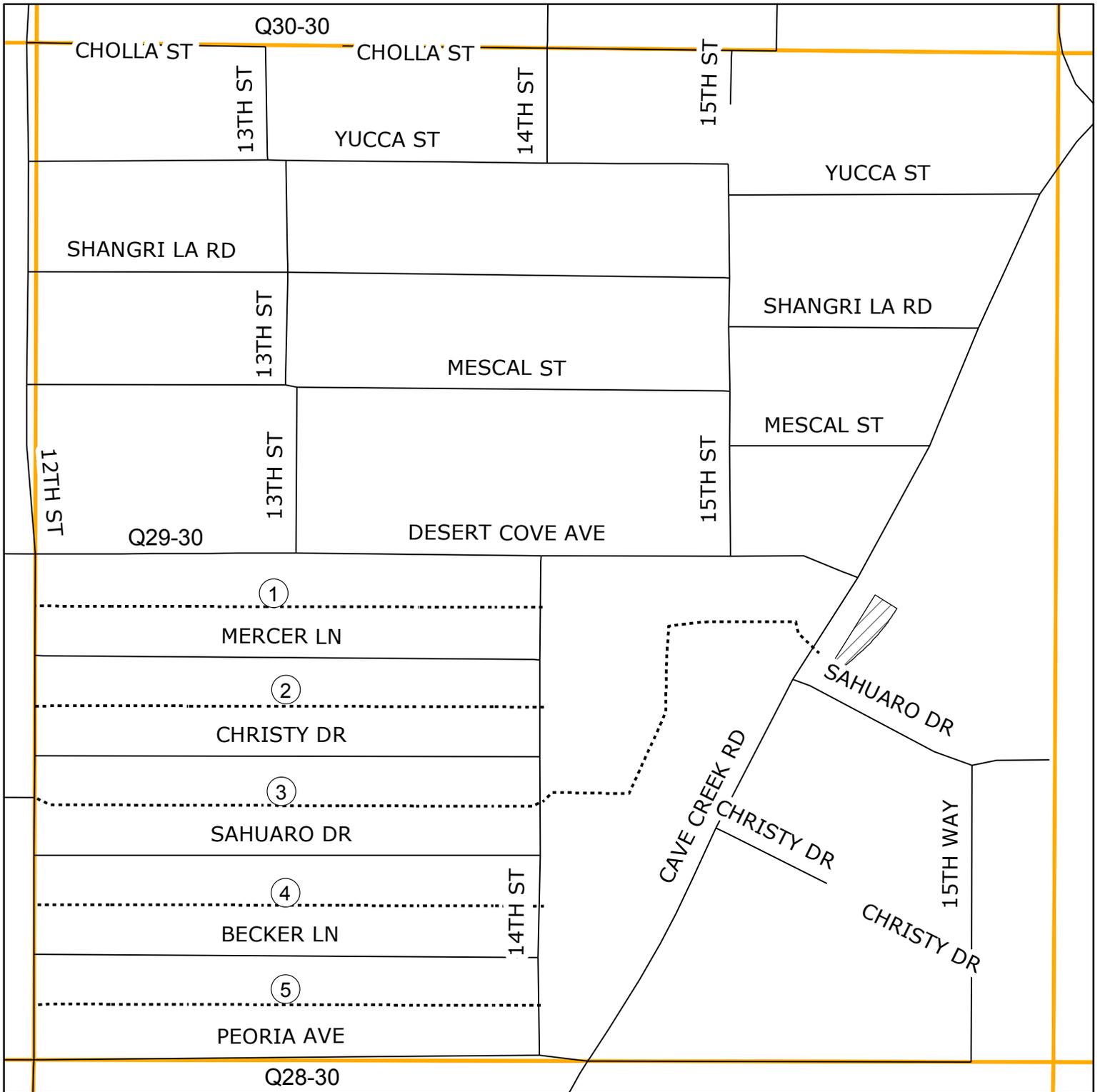
- STREETS**
 — Accepted Streets
- JURISDICTION**
 - - Private
- MapIndex
- GISADM.ADOT_FREEWAYS
- CANALS
- GISADM.DSD_ABANDON
- GISADM.HISTORIC_PROPERTIES



Quarter Section 30-24
 Alley Miles 1.0



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Quarter Section 29-30
 Alley Miles 1.2



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 - GISADM.HISTORIC_PROPERTIES

Site Visit (August 28, 2015) Photos for Phoenix Pave Unpaved Alleys Application - 2018











