

PAVING UNPAVED ROAD PROJECT APPLICATION
CMAQ Funding Available for Federal Fiscal Year 2021 and 2022
(Due Monday, September 25, 2017 by 10:00 AM)

General Instructions:

This excel form is to be used to request federal Congestion Mitigation and Air Quality (CMAQ) funding available through the Maricopa Association of Governments (MAG) for Paving Unpaved Road Projects to be included in the FY2018-2022 MAG Transportation Improvement Program. **Approximately \$5.5 and \$4.5 million per year for paving in PM-10 nonattainment areas in FY 2021 and FY2022 respectively, and \$784,610, and \$797,992 respectively for paving in PM-2.5 nonattainment areas is available for programming in FY 2021 and FY 2022.**

All items are required, except where they are marked as Optional. The application includes the following parts:

- Part A - Contact and Project Description
- Part B1 through B10 - Segment Description and Proposed Improvements; Complete a sheet for each segment in the project
- Part C - PM Projects Cost Estimate Worksheet
- Part D - Total Project Budget and TIP Programming Including All Segments
- Part E - Signature and Checklist

Additional information that may be useful for the applicant are located on the following tabs:

- ADOT Review Fees: Details ADOT review fees
- Map and Monitor Locations: Shows locations of monitors and areas where Federal funding is available

General Eligibility Requirements for Programming*

Projects requests must comply with the following requirements:

1. Be sponsored by a MAG member agency,
2. Be located in a PM-10 or PM-2.5 nonattainment areas as show on the map on the Monitor Locations tab of this application
3. Pave a public roadway**, alley, shoulder or access point

* Final eligibility for federal funding will be determined by the FHWA and ADOT prior to project authorization and will not include project features that fail to conform to applicable federal requirements.

**A public roadway is a roadway that is owned by a public agency that is passable by a standard passenger vehicle with four wheels and is open year round to the public without undo restrictions.

Funding Availability

All funding available through this application is federal Congestion Mitigation Air Quality (CMAQ) funding. The minimum local match for this funding is 5.7 percent of total project cost. Approximately \$5.5 and \$4.5 million per year for paving in PM-10 nonattainment areas in FY 2021 and FY2022 respectively, and \$784,610, and \$797,992 respectively for paving in PM-2.5 nonattainment areas is available for programming in FY 2021 and FY 2022.

* Obligation refers to a federal commitment to reimburse a project sponsors for expenses accrued in the development of a project. These expenses must meet federal requirements for eligibility and will occur after the date of obligation until the project is either completed or the federal funding is used up.

Application Layout

The applications is divided into four work sheets as follows:

- Part A - Contact and Project Description
- Part B1 through B10 - Segment Description and Proposed Improvements. Complete a sheet for each segment in the project
- Part C - PM Projects Cost Estimate Worksheet
- Part D - Total Project Budget and TIP Programming Including All Segments
- Part E - Signature and Checklist

Additional information that may be useful for the applicant are located on the following tabs:

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(Due Monday, September 25, 2017 by 10:00 AM)

Transmittal Instructions and Application Deadline

Application Submittal Requirements

All applications are due on **Monday, September 25, 2017 by 10:00 a.m.** Both an electronic and printed copy of the application and all attachments are required.

The electronic copy of the application includes the following:

- a. A completed Excel spreadsheet application in MS Excel format (Please do not send a PDF or Fax instead of the spreadsheet)
- b. A PDF or FAXed copy of PartE of the Excel spreadsheet with the signature block signed and dated
- c. A PDF or FAXed copy of all required attachments

The printed copy of the application includes the following:

- a. A printout of the completed Excel spreadsheet application, with the signature block in PartE signed and dated
- b. Printed copies of all required attachments

MAG Mailing address

Electronic applications should be sent to the following address:

[mailto: MAG Staff](mailto:MAG Staff)

Printed copies should be addressed as follows:

Maricopa Association of Governments
 ATTN: Teri Kennedy,
 302 N. 1st Avenue, Suite #300,
 Phoenix, AZ 85003.

If a complete, signed electronic copy is received by the submittal deadline, applicants have five working days to submit a printed copy of the application.

Application Workshops and Open Working Group Meeting Schedule*

Date	Time	Room	Event
Monday, August 21, 2017	10:00-Noon	Saguaro	Workshop on MAG Transportation Programming and Federal Fund Project Applications
Tuesday, September 12, 2017	10:00-11:00 AM	Chaparral	Open Working Group - Federal Fund Project Applications
Tuesday, September 19, 2017	11:00-Noon	Chaparral	Open Working Group - Federal Fund Project Applications

* All meetings will be held on the 2nd floor of the MAG Offices at 302 N. 1st Avenue, Phoenix, AZ 85003

MAG CONTACT INFORMATION

Contact Name	Phone	E-Mail Address
MAG Offices	602-254-6300	
Dean Giles	602-254-6300	DGiles@azmag.gov
Teri Kennedy	602-254-6300	TKennedy@azmag.gov
Stephen Tate	602-452-5010	STate@azmag.gov

Maricopa (City) - Anderson Road Paving
PART A - CONTACT AND PROJECT DESCRIPTION
(All Items are Required, Unless Identified as 'Optional')

Contact Information

1. Agency Name	Maricopa (City)
2. Name:	Rob Dolson
3. Phone:	520-316-6946
4. E-Mail:	rob.dolson@Maricopa-az.gov
5. Mailing Address:	39700 W Civic Center Plaza
	Maricopa, AZ.
	85138

Project Description

6. Please provide the Project Title.	Anderson Road Paving
7. Please provide a general description of the project.	Pave 1.5 miles of Anderson Road and portion of Peters Nall Road, unpaved rural dirt roads in the City of Maricopa
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).	2
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	Robert Dolson
b. Date site visit completed	9/4/2017
c. Pictures of the site visit are required.	Please attach pictures with transmittal

**Maricopa (City) - Anderson Road Paving
PART A - CONTACT AND PROJECT DESCRIPTION
(All Items are Required, Unless Identified as 'Optional')**

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

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

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

(OPTIONAL)

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

[GIS Submittal Instructions](#)

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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	The segment begins where pavement ends on Anderson Road 325' north of the Maricopa Casa Grande Highway. The segments ends where Anderson Road Intersects with Peters and Nall Road.
2. Length and Curb Miles	
a. Length (Miles) of the segment	1.02
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?	Yes, PM Monitor 23
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?	Dirt Road
7. Please describe traffic on the segment (e.g. weekday percent truck, etc.).	25%
8. Current Average Traffic (ADT)	1466
9. Please describe methodology used to calculate ADT	Field Data Traffic Services was contracted to provide traffic counts, performed on 9/19/2017.

Maricopa (City) - Anderson Road Paving
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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.

None Known

Maricopa (City) - Anderson Road Paving
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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

Yes

Power Lines & Cables

Yes

Pipelines, Sewer and Water

No

Private Structures

Yes

Other (Describe)

None

No

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

None Known

Maricopa (City) - Anderson Road Paving
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Section 2 - Proposed Improvements	Segment 1
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	
Subdivision Street	
Alley	
Shoulders	
Other (Describe)	
2. Please describe the work to be performed on the segment:	Prepare subgrade including retention ditches. Install double chip seal over 10" of aggregate base course material then stripe. The roadway will be 2 foot travel lanes and one foot shouldlers. The roadway width is 26 feet.
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.	Double Chip Seal Paving over 8" Agregagte Base Course
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No

Maricopa (City) - Anderson Road Paving
PART B1 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Fensing	No
Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	None
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	3

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 2
1. Segment Location - Include segment beginning and ending limits	Segment begins on Peters and Nall Road at the intersection of Antone Street. The segment ends at Peters and Nall Road as it intersects Anderson Road.
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.5
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	No
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppressants?	Unpaved Dirt Road
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	25%
8. Current Average Traffic (ADT)	1466
9. Please describe methodology used to calculate ADT	Field Data Traffic Services was contracted to provide traffic counts, performed on 9/19/2017.

Maricopa (City) - Anderson Road Paving
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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.

None Known

Maricopa (City) - Anderson Road Paving
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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 Known

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

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

14. Please describe any utility conflicts that will need to be addressed. The current location of dirt road is between power lines and irrigation canal which are 35' apart

Maricopa (City) - Anderson Road Paving
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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Section 2 - Proposed Improvements	Segment 2
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	
Subdivision Street	
Alley	
Shoulders	
Other (Describe)	
2. Please describe the work to be performed on the segment:	Paving
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.	Double Chip Seal Paving over 8" Aggregate Base Course
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No
Fencing	No

Maricopa (City) - Anderson Road Paving
PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
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This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the application. The additional Part Bs are separate tabs in this excel file noted as: Part_B2, Part_B3, etc.

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Lighting	No
Curb & Gutter	No
Bicycle Path or Lane	No
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	Striping
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	1

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

**Maricopa (City) - Anderson Road Paving
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	\$ 8,000.00	\$ 8,000.00	No	\$ -	\$ 8,000.00	
	Design Concept Report (DCR)	LS	1		\$ -	No	\$ -	\$ -	
	Federal Project Environmental Determination	LS	1	\$ 15,000.00	\$ 15,000.00	No	\$ -	\$ 15,000.00	
	HAZMAT Assessment	LS	1	\$ 3,000.00	\$ 3,000.00	No	\$ -	\$ 3,000.00	
	SUBTOTAL - PRELIMINARY ENGINEERING COSTS					\$ 26,000.00		\$ -	\$ 26,000.00
FINAL DESIGN - Stages II, III, IV and PS&E	Plans, Specifications, Cost Estimates, Bidding	LS	1	\$ 86,453.58	\$ 86,453.58	No	\$ -	\$ 86,453.58	
	Geotechnical Report	LS	1	\$ 20,172.50	\$ 20,172.50	No	\$ -	\$ 20,172.50	
	Drainage Report	LS	1		\$ -	No	\$ -	\$ -	
	SWPPP	LS	1	\$ 1,152.71	\$ 1,152.71	No	\$ -	\$ 1,152.71	
	SUBTOTAL - FINAL DESIGN COSTS					\$ 107,778.79		\$ -	\$ 107,778.79
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		1		\$ -	No	\$ -	\$ -	
	Other Right of Way Expenses		1		\$ -	No	\$ -	\$ -	
	Other Right of Way Expenses		1		\$ -	No	\$ -	\$ -	
	SUBTOTAL - RIGHT OF WAY COSTS					\$ -		\$ -	\$ -
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		\$ -	No	\$ -	\$ -	
	SUBTOTAL - UTILITY RELOCATION COSTS					\$ -		\$ -	\$ -
CONSTRUCTION	Contractor Mobilization	LS	1	\$ 20,000.00	\$ 20,000.00	Yes	\$ 18,860.00	\$ 1,140.00	
	Construction Survey and Layout	LS	1	\$ 9,000.00	\$ 9,000.00	Yes	\$ 8,487.00	\$ 513.00	
	Remove Pavement	SY	1,000	\$ 10.00	\$ 10,000.00	Yes	\$ 9,430.00	\$ 570.00	
	Grading Roadway for Pavement	SY	19,300	\$ 3.00	\$ 57,900.00	Yes	\$ 54,599.70	\$ 3,300.30	
	Aggregate Base, Class 2	CY	3,525	\$ 30.00	\$ 105,750.00	Yes	\$ 99,722.25	\$ 6,027.75	
	Emulsified Asphalt (CRS-2)	TN	80	\$ 700.00	\$ 56,000.00	Yes	\$ 52,808.00	\$ 3,192.00	
	Prime Coat	TN	30	\$ 700.00	\$ 21,000.00	Yes	\$ 19,803.00	\$ 1,197.00	
	Cover Material	CY	385	\$ 110.00	\$ 42,350.00	Yes	\$ 39,936.05	\$ 2,413.95	
	Miscellaneous Work (Signs)	LS	1	\$ 1,000.00	\$ 1,000.00	Yes	\$ 943.00	\$ 57.00	
	Barricade (Type III)	EA	8	\$ 700.00	\$ 5,600.00	Yes	\$ 5,280.80	\$ 319.20	
	Temporary Pavement Marker (Chip Seal)	EA	200	\$ 3.00	\$ 600.00	Yes	\$ 565.80	\$ 34.20	
	Portable Stand Signs	DY	276	\$ 1.00	\$ 276.00	Yes	\$ 260.27	\$ 15.73	
	Traffic Cones (28 Inches)	DY	2,250	\$ 0.50	\$ 1,125.00	Yes	\$ 1,060.88	\$ 64.13	
	Temporary Sign (Less than 10 SF)	DY	6	\$ 2.00	\$ 12.00	Yes	\$ 11.32	\$ 0.68	
	Temporary Sign (Less More Than 10 SF)	DY	16	\$ 35.00	\$ 560.00	Yes	\$ 528.08	\$ 31.92	
	Pavement Marking (White Thermoplastic)	LF	24	\$ 3.00	\$ 72.00	Yes	\$ 67.90	\$ 4.10	
	Permanent Pavement Marking (Yellow)	LF	15,840	\$ 0.50	\$ 7,920.00	Yes	\$ 7,468.56	\$ 451.44	
	Permanent Pavement Marking (White)	LF	15,840	\$ 0.50	\$ 7,920.00	Yes	\$ 7,468.56	\$ 451.44	
	Erosion Control (Wattles)	LF	542	\$ 3.00	\$ 1,626.00	Yes	\$ 1,533.32	\$ 92.68	
	Contingency	LS	1	\$ 22,500.00	\$ 22,500.00	Yes	\$ 21,217.50	\$ 1,282.50	
	SUBTOTAL - CONSTRUCTION COST					\$ 371,211.00		\$ 350,051.97	\$ 21,159.03
	CONTINGENCY				10%	\$ 37,121.10	Yes	\$ 35,005.20	\$ 2,115.90
	CONSTRUCTION ADMINISTRATION (Assumes Certification Accepted Agencies have same costs as ADOT - 15%)				15%	\$ 55,681.65	Yes	\$ 52,507.80	\$ 3,173.85
	SUBTOTAL - CONSTRUCTION COST					\$ 464,013.75		\$ 437,564.97	\$ 26,448.78
SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS	PRELIMINARY ENGINEERING				\$ 26,000.00	NA	\$ -	\$ 26,000.00	
	FINAL DESIGN - Stages II, III, IV and PS&E				\$ 107,778.79	NA	\$ -	\$ 107,778.79	
	RIGHT OF WAY ACQUISITION				\$ -	NA	\$ -	\$ -	
	UTILITY RELOCATIONS				\$ -	NA	\$ -	\$ -	
	CONSTRUCTION (Including Construction Administration)				\$ 464,013.75	NA	\$ 437,564.97	\$ 26,448.78	
	SUBTOTAL - PROJECT COST				\$ 597,792.54	NA	\$ 437,564.97	\$ 160,227.58	
	ADOT REVIEW FEES (\$10,000 for Certification Accepted Agency, Otherwise \$30,000)				\$ 30,000.00	No	\$ -	\$ 30,000.00	
PROJECT TOALS (Including ADOT Review Fees)				\$ 627,792.54	NA	\$ 437,564.97	\$ 190,227.58		

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving'

Maricopa (City) - Anderson Road Paving
PART D - TOTAL PROJECT BUDGET AND TIP PROGRAMMING INCLUDING ALL SEGMENTS
(All Items are Required, Unless Identified as 'Optional')

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

Section 1 - Total Project Budget

Cost Estimate for the Project Including ALL Segments	Cost	(Optional) Additional Notes
1. PE and Final Design	133,778.79	
2. Right of way	0.00	
3. Utilities	0.00	
4. Construction	464,013.75	
5. Total Cost w/o ADOT Review Fee	597,792.54	
6. ADOT Review Fee	30,000.00	Required. Please see ADOT Fee Sheet for additional information.
7. Total Cost with ADOT Review Fee	627,792.54	

Agency Programming

8. Please describe the programming of the project in the agency's own CIP/TIP.	Project is identified in the Area Transportation Plan as a rural route needed to be paved by 2020.
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Requested MAG TIP Programming	Year (Choose One)	Short Work Description (E.g. Pave Road)	Local Funding Source	Local Cost	CMAQ Cost	Total Cost	Local Share
9. Design (Optional)	2020		HURF	105,179	\$ -	\$ 105,179	100.0%
10. Right of way (Optional)					\$ -	\$ -	
11. Utilities (Optional)					\$ -	\$ -	
12. Construction	2021			26,449	437,565	\$ 464,014	5.7%
				\$ 131,628	\$ 437,565	\$ 569,193	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving'

Maricopa (City) - Anderson Road Paving PART E - SIGNATURE AND CHECKLIST

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

Signature:

Name:

Title:

Date:

Checklist - OPTIONAL

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

PART A - Contact, Project Description and Site Visit Fields	Complete?
Contact Information, fields 1 – 5 are complete	
Project Description, fields 6, 7, 9 and 10 are complete	
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	
Site Visit Information, fields 11a and 11b	
Site Visit Information, fields 11c Pictures attached.	
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.	
Segment Description, Section 1	
Fields 1 - 2 are complete	
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	
Field 4 attach PDF file in the electronic submittal.	
Fields 5 – 14 are complete	
Proposed Improvements, Section 2	
Fields 1 – 2 are complete	
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	
PART C - Total Project Budget and TIP Programming Including All Segment Fields	
A cost estimate for PE has been developed (Rows 3-6)	
A cost estimate for Final Design has been developed (Rows 8-11)	
A cost estimate for Right of way has been developed (Rows 13-25)	
A cost estimate for Utilities has been developed (Rows 27-34)	
A cost estimate for Utilities has been developed (Rows 36-129)	

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

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Instructions for the Submittal of GIS Data for CMAQ Funding Applications

It is preferred that, when possible, member agencies submit GIS data representing the locations of projects defined in their CMAQ Applications. For member agencies unable to meet this requirement, MAG staff is available to assist in this area.

Submission Requirements

GIS Data – For each geometry type (point, line, polygon), please provide a single GIS shapefile or feature class for your jurisdiction. Example: if you are submitting Project Applications that are for both linear features (bike lanes) and point features (crossings), you would submit a total of two shapefiles or geodatabase feature classes along with your Project Application.

File Formats – Agencies that are able to submit GIS data along with CMAQ Applications shall provide the data in one of three formats that are compatible with ESRI products: (1) shapefile, (2) Personal Geodatabase, or (3) File Geodatabase.

Spatial Reference – The preferred spatial reference system of submitted GIS data is State Plane Arizona Central NAD 83 HARN.

Attributes – All GIS data submitted shall, at a minimum, have the following attributes:

- **PROJECT_TITLE** – the name of the project; this should be the same as the Project Title in the Project Application
- **LOCATION** – (optional) a description of the location of the project. Linear features should be described by their start and end locations. Polygon features should be described using streets, water courses, canals, city boundaries, or other landmarks as a means of describing the location of the project.

<Provide screenshot showing graphic link between survey response in Excel and the attribute table.>

ADOT Review Fees for Certification Accepted Agencies/1

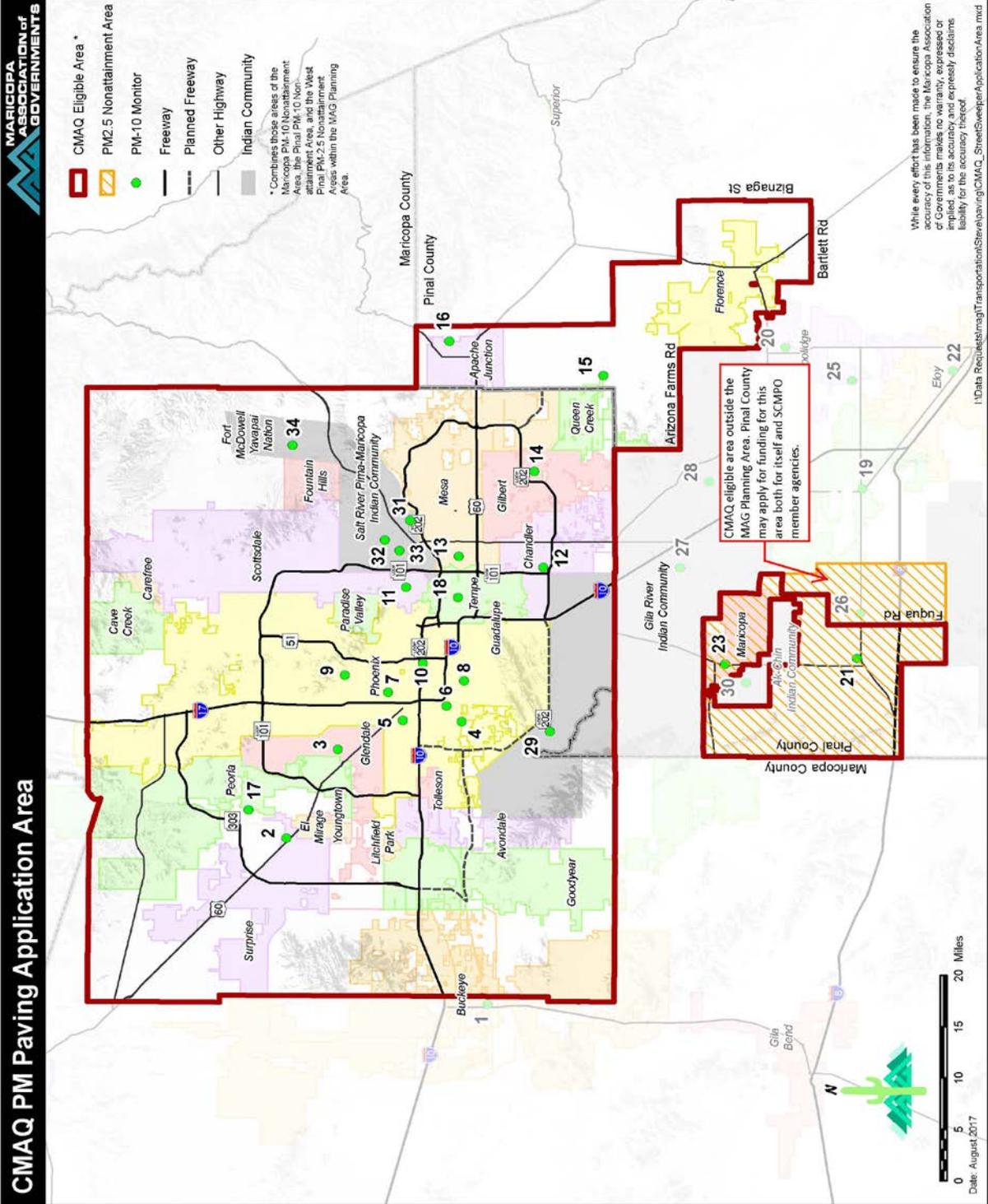
ADOT SECTION	FUNCTION	RATE	HOURS	CHARGE/2
Environmental Planning	Environmental Planning	\$ 50	100	\$ 5,000
Urban Project Management	Project Manager	\$ 60	60	\$ 3,600
Urban Project Management	Project Coordinator	\$ 60	20	\$ 1,200
SUBTOTAL			180	\$ 9,800
STAFF GRAND TOTAL				\$ 10,000

ADOT Review Fees for Non Certification Accepted Agencies/1

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

Notes:

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



Map ID	Site ID	Name	Address	City	County	Agency
1	40134011	Buckeye	26449 W. 100th Drive	Buckeye	Maricopa	Maricopa County AQD
2	40134010	Dysart	16825 N. Dysart Road	Surprise	Maricopa	Maricopa County AQD
3	40132001	Glendale	6001 W. Olive Avenue	Glendale	Maricopa	Maricopa County AQD
4	40134009	West 43rd Avenue	3940 W. Broadway Road	Phoenix	Maricopa	Maricopa County AQD
5	40130019	West Phoenix	3847 W. Earll Drive	Phoenix	Maricopa	Maricopa County AQD
6	40139812	Durango Complex	2702 RC Ester Brook Boulevard	Phoenix	Maricopa	Maricopa County AQD
7	40139997	JLG Supersite	4530 N. 17th Avenue	Phoenix	Maricopa	ADEQ
8	40134003	South Phoenix	33 W. Tamarisk Avenue	Phoenix	Maricopa	Maricopa County AQD
9	40131004	North Phoenix	601 E. Butler Drive	Phoenix	Maricopa	Maricopa County AQD
10	40133002	Central Phoenix	1645 E. Roosevelt Street	Phoenix	Maricopa	Maricopa County AQD
11	40133003	South Scottsdale	2857 N Miller Road	Scottsdale	Maricopa	Maricopa County AQD
12	40134004	West Chandler	275 S. Ellis Street	Chandler	Maricopa	Maricopa County AQD
13	40131003	Mesa	310 S. Brooks Circle	Mesa	Maricopa	Maricopa County AQD
14	40134006	Higley	3391 E Vest Avenue	Gilbert	Maricopa	Maricopa County AQD
15	40213009	Combs School	301 E. Combs Road	Queen Creek	Pinal	Pinal County AQCD
16	40213002	Apache Junction Fire Station	3955 E. Superstition Boulevard	Apache Junction	Pinal	Pinal County AQCD
17	40134016	Zuni Hills	10851 W Williams Road	Sun City	Maricopa	Maricopa County AQD
18	40134005	Tempe	1515 S College Avenue	Tempe	Maricopa	Maricopa County AQD
19	40210001	Casa Grande Downtown	401 N. Marshall Street	Casa Grande	Pinal	Pinal County AQCD
20	40213004	Coolidge Maintenance Yard	212 E. Broadway	Coolidge	Pinal	Pinal County AQCD
21	402113015	Hidden Valley	43750 W. Carefree Place	Maricopa	Pinal	Pinal County AQCD
22	402113014	Eloy County Complex	801 N. Main Street	Eloy	Pinal	Pinal County AQCD
23	402113010	(City of) Maricopa County Complex	19955 N. Wilson Avenue	Maricopa	Pinal	Pinal County AQCD
24	402113007	Pinal Air Park	Water Well #2, Pinal Air Park Road	Marana	Pinal	Pinal County AQCD
25	402113011	Pinal County Housing Complex	970 N. Eleven Mile Corner Road	Casa Grande	Pinal	Pinal County AQCD
26	40213008	Stanfield County Complex	36697 W. Papago Drive	Stanfield	Pinal	Pinal County AQCD
27	40217004	Casa Blanca	3455 W. Casa Blanca Road	Bapchule	Pinal	Gila River Indian Community
28	40217001	Sacaton	45 S. Church Street	Sacaton	Pinal	Gila River Indian Community
29	40137003	St Johns	4208 W. Pecos Road	Laveen	Maricopa	Gila River Indian Community
30	40217030	Ak Chin	47685 W. Eco-Museum Road	Maricopa	Pinal	Ak Chin Indian Community
31	40137022	Lehi	3250 N. Stapley Drive	Mesa	Maricopa	Salt River Pima-Maricopa Indian Community
32	40137024	High School	4827 N. Country Club Drive	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
33	40137020	Senior Center	10844 E. Osborn Road	Scottsdale	Maricopa	Salt River Pima-Maricopa Indian Community
34	40135100	Fort McDowell	18791 Yuma Frank Road	Fort McDowell	Maricopa	Fort McDowell Indian Community

Maricopa (City) - Anderson Road Paving
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 3
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles	
a. Length (Miles) of the segment	
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Maricopa (City) - Anderson Road Paving
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Agency owns all ROW Needed

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

--

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

--

Maricopa (City) - Anderson Road Paving
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

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.

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

Sidewalks

Fensing

Maricopa (City) - Anderson Road Paving
PART B3 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 4
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles	
a. Length (Miles) of the segment	
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Maricopa (City) - Anderson Road Paving
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Agency owns all ROW Needed

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

--

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Section 2 - Proposed Improvements	Segment 4
--	------------------

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

Rural Road

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

--

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.

--

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

Sidewalks

Fensing

--

Maricopa (City) - Anderson Road Paving
PART B4 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	
PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '	

Maricopa (City) - Anderson Road Paving
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 5
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Maricopa (City) - Anderson Road Paving
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Agency owns all ROW Needed

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Section 2 - Proposed Improvements

Segment 5

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

Rural Road

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

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.

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

Sidewalks

Fencing

Maricopa (City) - Anderson Road Paving
PART B5 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	
PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '	

Maricopa (City) - Anderson Road Paving
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 6
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Maricopa (City) - Anderson Road Paving
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

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

Agency owns all ROW Needed

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Section 2 - Proposed Improvements	Segment 6
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	
Urban Road	
Subdivision Street	
Alley	
Shoulders	
Other (Describe)	
2. Please describe the work to be performed on the segment:	
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.	
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	
Fensing	

Maricopa (City) - Anderson Road Paving
PART B6 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B7 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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	
2. Length and Curb Miles	
a. Length (Miles) of the segment	
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B7 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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.

Maricopa (City) - Anderson Road Paving
PART B7 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's 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

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B7 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's 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 7

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

Rural Road

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

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.

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

Sidewalks

Fencing

Maricopa (City) - Anderson Road Paving
PART B7 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B8 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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	
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B8 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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.

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Maricopa (City) - Anderson Road Paving
PART B8 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

--

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B8 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance 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

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

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.

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

Sidewalks

Fensing

Maricopa (City) - Anderson Road Paving
PART B8 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B9 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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

Segment Description	Segment 9
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles a. Length (Miles) of the segment b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B9 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(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.

Maricopa (City) - Anderson Road Paving
PART B9 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's 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

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

--

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

--

Maricopa (City) - Anderson Road Paving
PART B9 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's 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

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

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.

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

Sidewalks

Fencing

Maricopa (City) - Anderson Road Paving
PART B9 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

Maricopa (City) - Anderson Road Paving
PART B10 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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

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Segment Description	Segment 10
1. Segment Location - Include segment beginning and ending limits	
2. Length and Curb Miles	
a. Length (Miles) of the segment	
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	Please attach map with transmittal
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder withing 4 miles of a PM-10 monitor? Which monitor?	
Link to PM1- Monitors Map on the MAG Website	
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or use dust suppresants?	
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	
8. Current Average Traffic (ADT)	
9. Please describe methodology used to calculate ADT	

Maricopa (City) - Anderson Road Paving
PART B10 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(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.

Maricopa (City) - Anderson Road Paving
PART B10 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's 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

ROW to be acquired

Owners will donate ROW

Condemnation may be required

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

--

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

Canals & Drainage

Power Lines & Cables

Pipelines, Sewer and Water

Private Structures

Other (Describe)

None

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

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Maricopa (City) - Anderson Road Paving
PART B10 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

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Section 2 - Proposed Improvements	Segment 10
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1. What is the type of paving project? (Choose all that Apply and Select Yes or No)

Rural Road

Urban Road

Subdivision Street

Alley

Shoulders

Other (Describe)

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

--

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.

--

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

Sidewalks

Fencing

--

Maricopa (City) - Anderson Road Paving
PART B10 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS
(All Items are Required, Unless Identified as 'Optional')

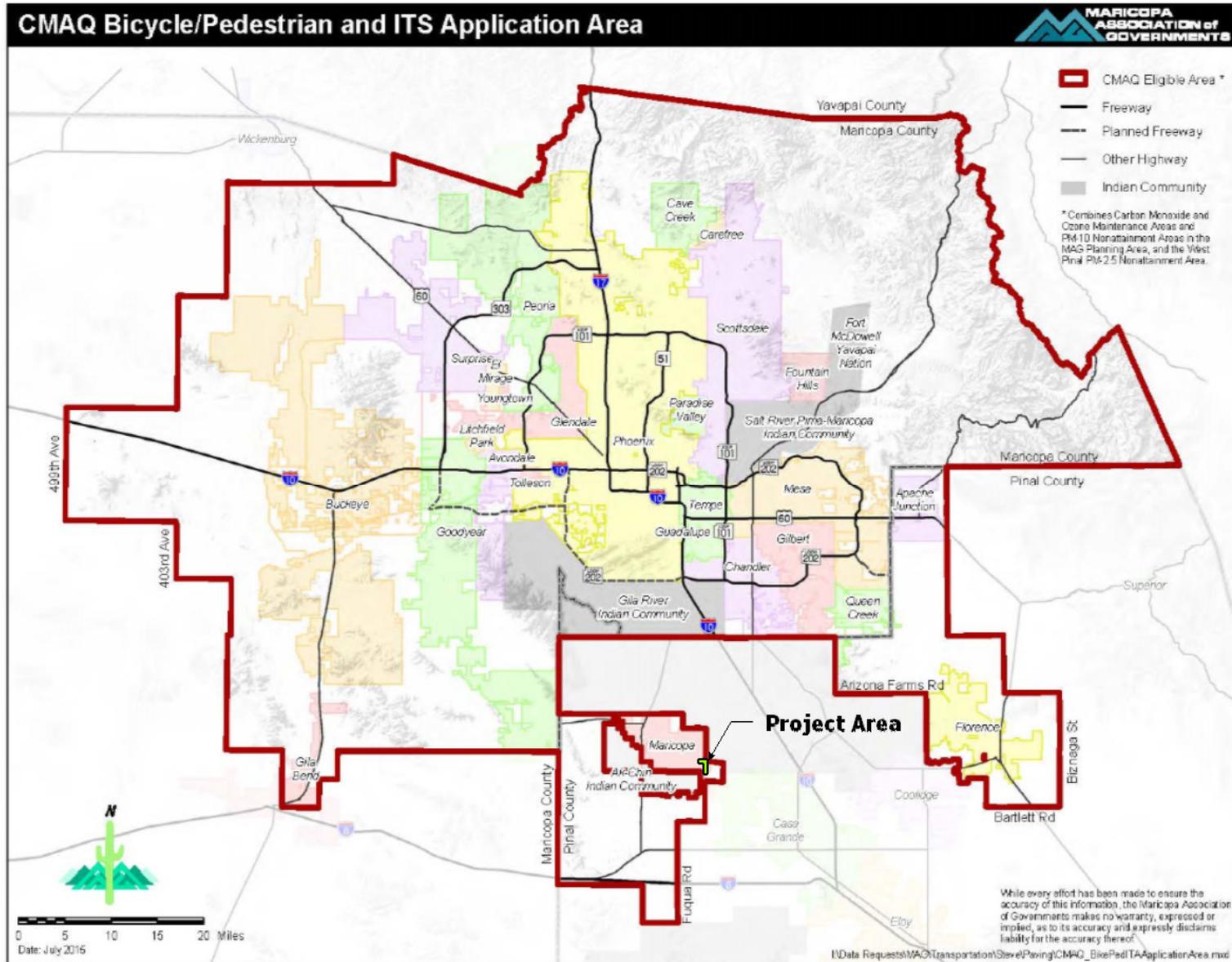
This part of the form identifies the current characteristics and proposed improvements for each segment of the project. A separate Part B must be completed for each segment. e.g. If in field #9 of Part A, it was indicated that 5 segments were included in the project, 5 Part B's must be completed in the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

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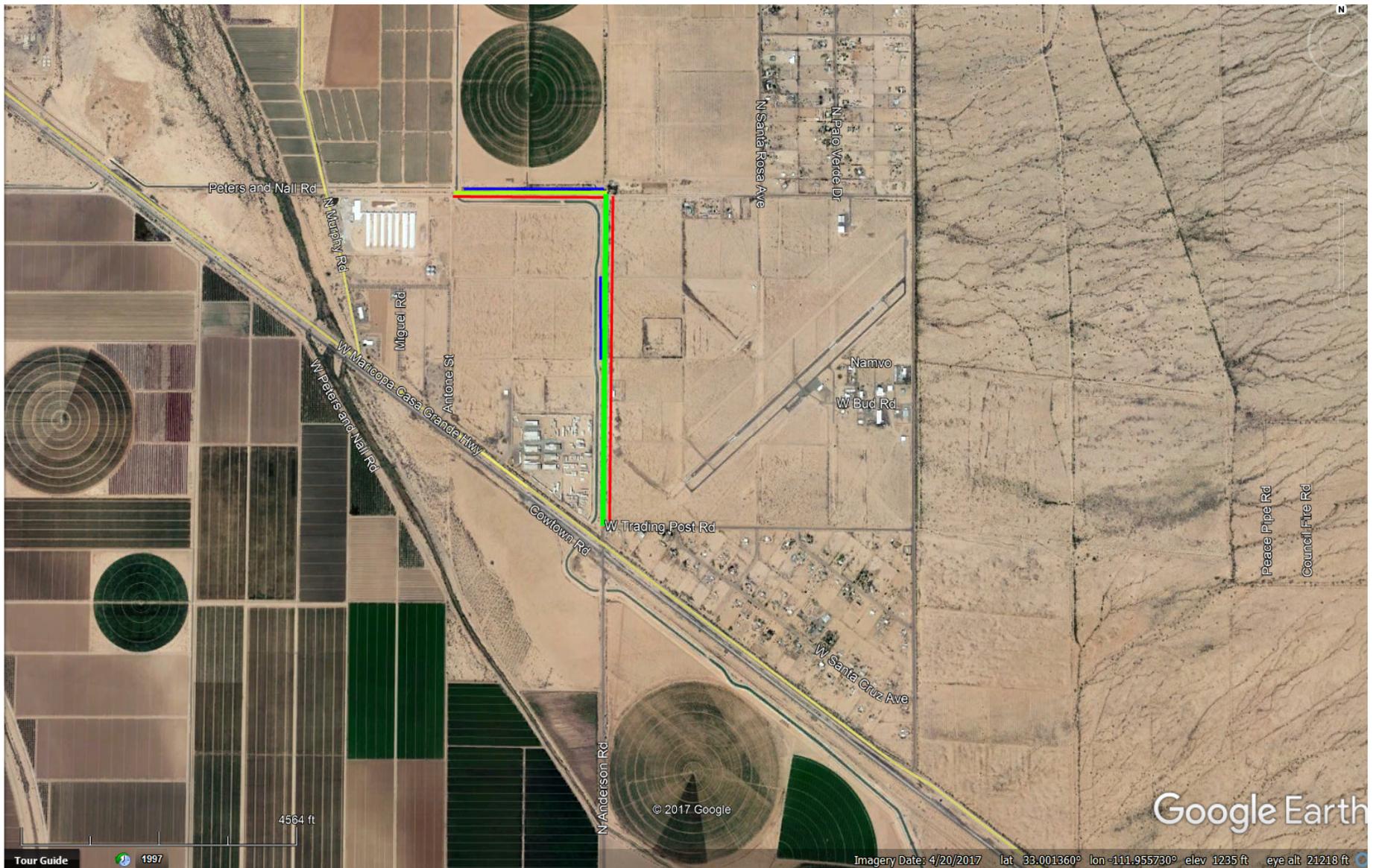
Lighting	
Curb & Gutter	
Bicycle Path or Lane	
Other (Describe)	
9. Please describe the non paving improvements to be included in the segment	
10. For roadway paving, please enter the number of unpaved access points (e.g. driveways, cross roads) to be paved by the project	

PM-10 Paving Application from Maricopa (City) for 'Anderson Road Paving '

The project area is shown in green below

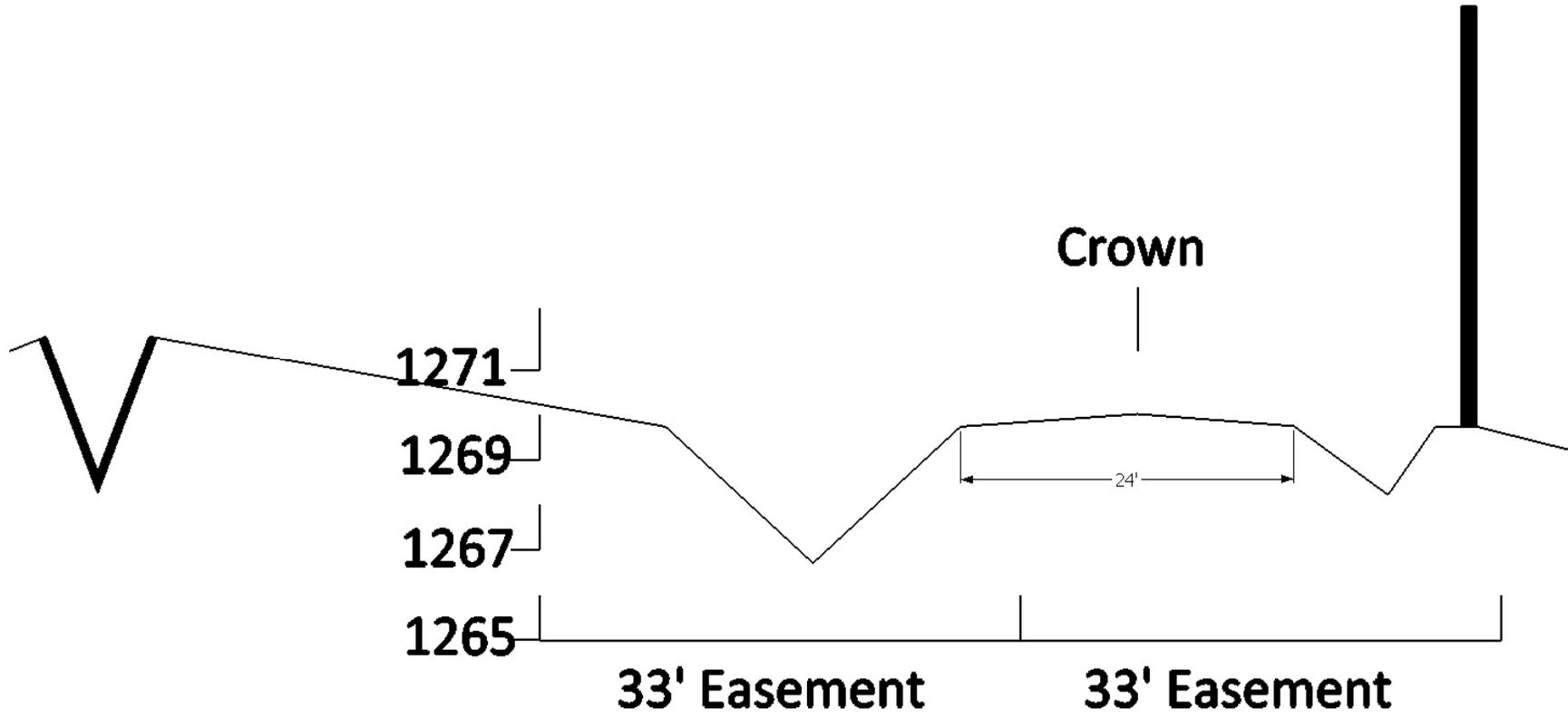


Roads identified in green, power lines identified in red, irrigation canals identified in blue.

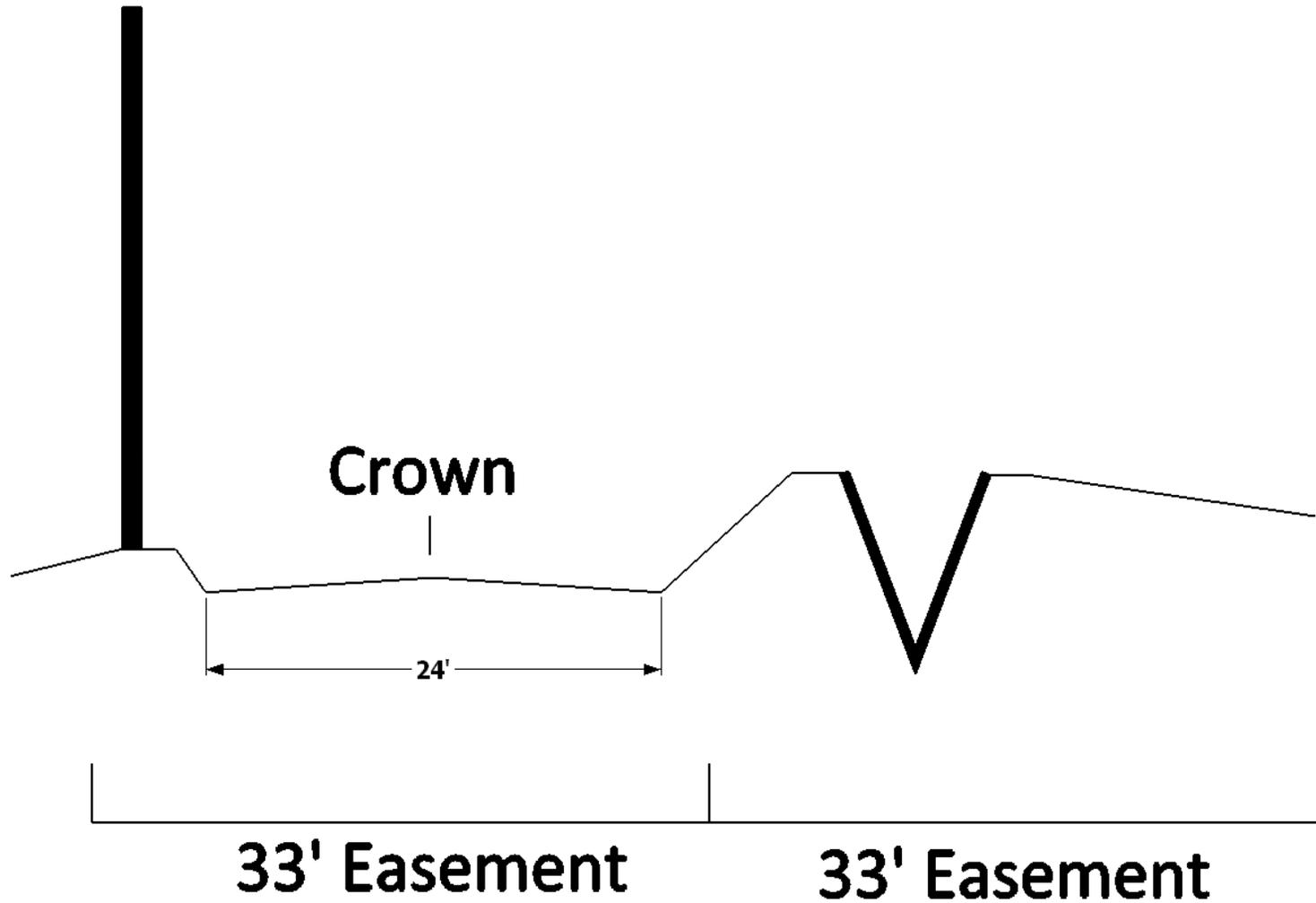


Anderson Road cross section

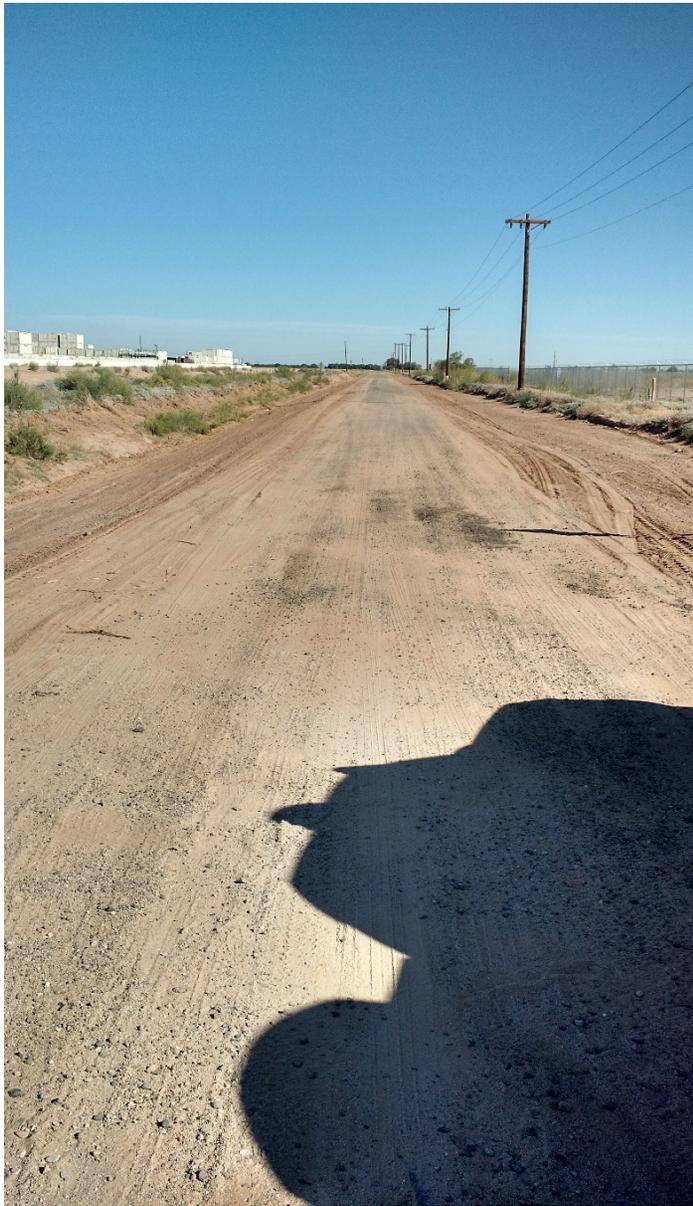
up



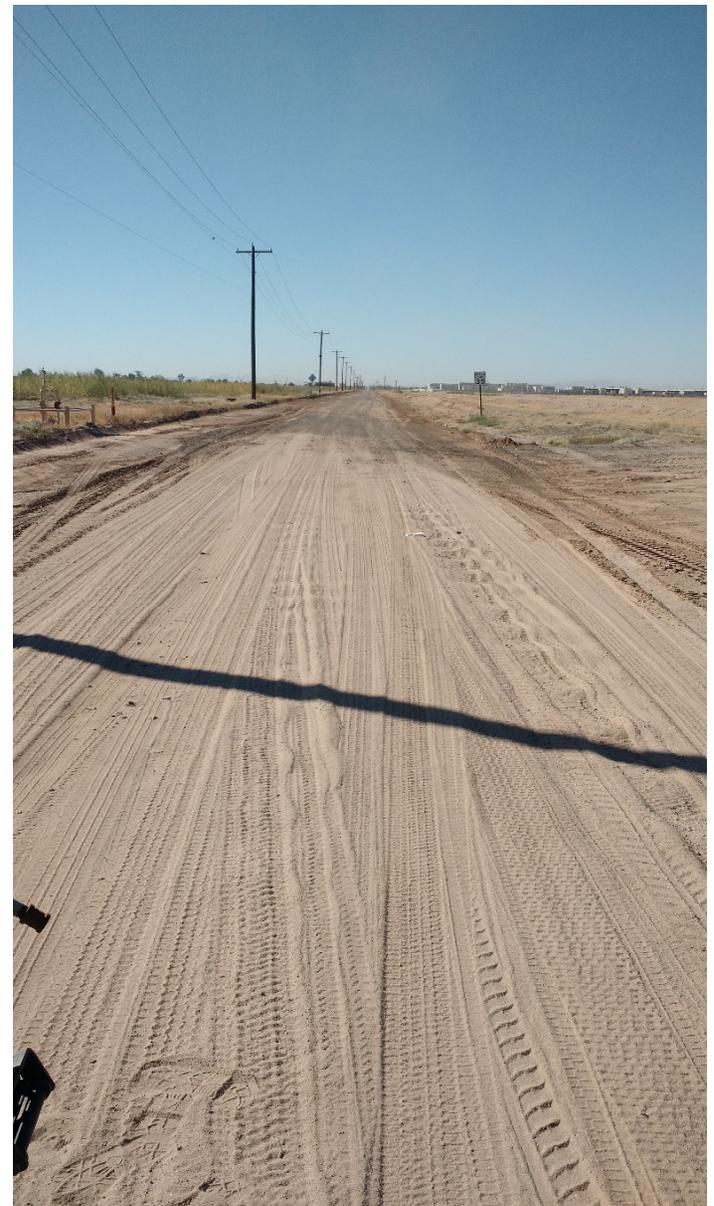
Peters and Nall Road cross section

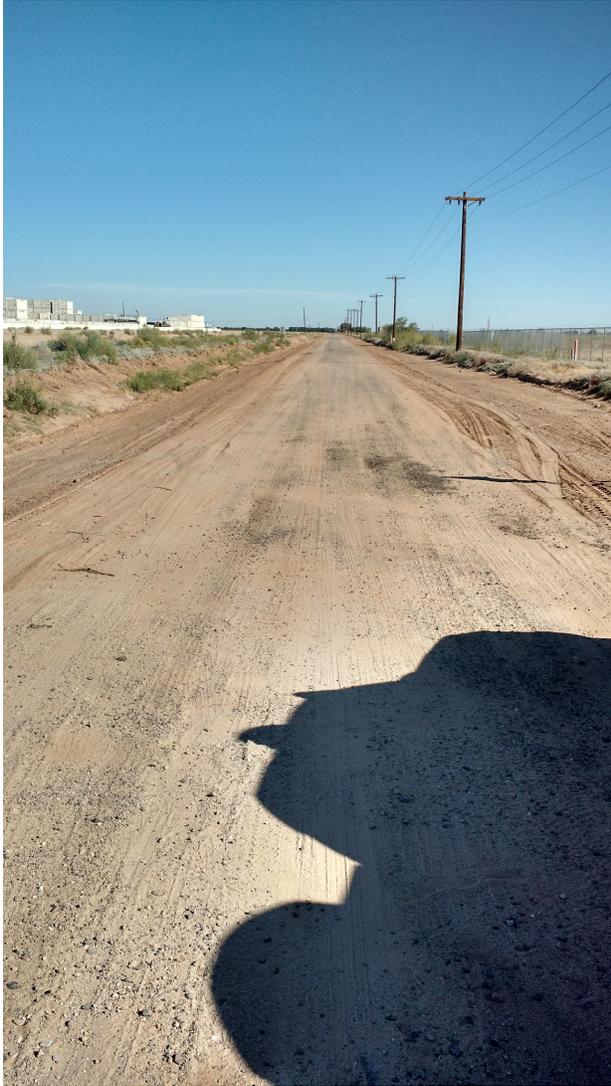


Anderson Road Looking North



Peters and Nall Road Looking West





Anderson Road Looking North



Peters and Nall Road Looking West