PAVING UNPAVED ROAD PROJECT APPLICATION FOR THE WEST CENTRAL PINAL PM-2.5 NONATTAINMENT AREAS

CMAQ Funding Available for Federal Fiscal Year 2014, 2015, 2016 and 2017

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 FY2014-2018 MAG Transportation Improvement Program. Funding is available for Federal Fiscal Year (FFY) 2014, 2015, 2016 and 2017. Eligible projects phases for CMAQ funding are being offered for Design in FFY2014, 2015 and FY2016, and Construction in FFY2015, 2016, and 2017.

This application form includes: Part A - Contact and Project Description, Part B - Segment Description and Proposed Improvements, Part C - Total Project Budget and Schedule, Part D - Checklist and Signature Page, and Transmittal Instructions and Schedule. Each part is a separate tab of this excel file. Please complete Parts A - D. Alternative application forms are available upon request.

Deadlines and Transmittal Instructions:

Two copies of a printed, complete and signed application must be received in the MAG offices by 10:00 a.m. Friday, November 22, 2013. And the application is to be submitted electronically. Detailed transmittal instructions are located in a separate tab in this excel sheet. Late applications will not be accepted.

If member agencies need additional information or have questions, they should contact Teri Kennedy or Stephen Tate (602) 254-6300 or contact them by e-mail at the following addresses:

mailto:state@mag.maricopa.gov
mailto:tkennedy@azmag.gov

All information is required, unless noted by the word - Optional.

PART A - CONTACT AND PROJECT DESCRIPTION

Contact Information

1. Agency Name	Pinal County
2. Name:	Scott Bender, P.E.
3. Phone:	520-509-3555
4. E-Mail:	Scott.Bender@pinalcountyaz.gov
5. Mailing Address:	31 N. Pinal St., Building F Florence, AZ 85132

Project Description

6. Please provide the Project Title.	Midway Road Paving Project
7. Please provide a general description of the project.	Pave 1.5 miles of Midway Road which is an existing dirt road.
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 map of West Central PM-2.5 Nonattainment Area included in the mailing to verify that the proposed project is in the nonattainment area. Enter 'Yes' or 'No'.	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.

PAVING UNPAVED ROAD PROJECT APPLICATION FOR THE WEST CENTRAL PINAL PM-2.5 NONATTAINMENT AREAS

CMAQ Funding Available for Federal Fiscal Year 2014, 2015, 2016 and 2017

a. Name of Person who completed site visit	Duane S. Eitel, PE
b. Date site visit completed	7-Nov
c. Pictures of the site visit are required.	**Please attach pictures with transmittal**

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-2.5 Paving Application Pinal Countyfor 'Midway Road Paving Project'

PART B - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS

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

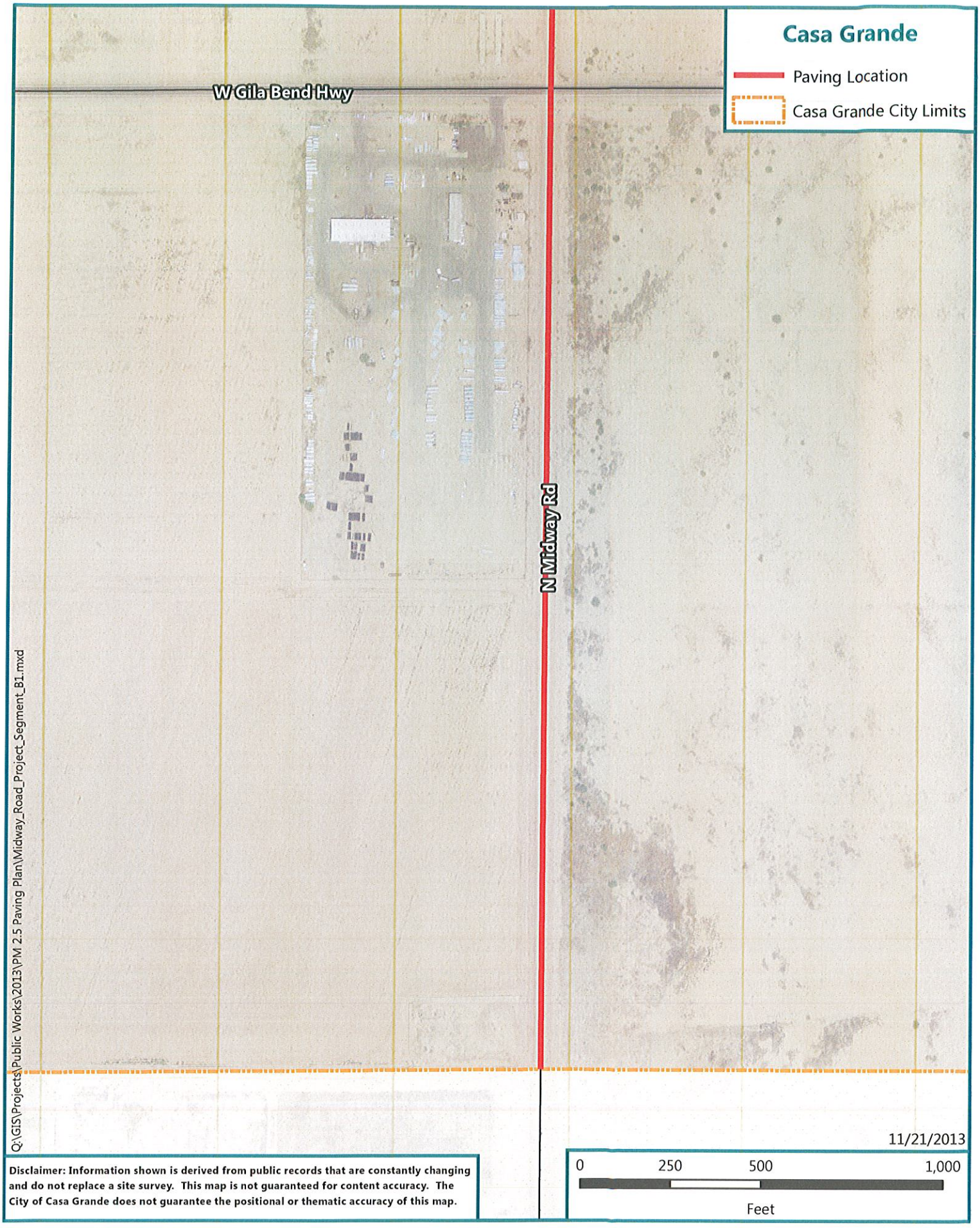
The purpose of Part B is to provide sufficient information to evaluate the cost estimate for the project and to provide assurance that the project will be capable of meeting the ADOT administered federal design review and clearance process. This process requires environmental, ROW and utilities clearances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

Section 1 - Segment Description	**Segment 1**
1. Segment Location - Include segment beginning and ending limits	S. Midway Rd. from W. Clayton Rd. to Casa Grande City limits.
2. Length and Curb Miles	
a. Length (Miles) of the segment	0.5
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	**Please attach map with transmittal**
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder within 4 miles of a PM-2.5 or PM-10 monitor (See map included with the mailing)? Which monitor?	NO
6. Please describe the current surface condition of the shoulder, alley or road segment to be paved. Also is the surface graveled or are dust suppressants being used?	Dirt road with no gravel or suppressants
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	ADT is approximately 100 and includes agricultural trucks and passenger vehicles
8. Current Average Traffic (ADT)	100
9. Please describe methodology used to calculate ADT	Review of similar roads where we do have traffic counts.
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
11. Current ROW: (Choose All that Apply and select Yes or No)	
Agency owns all ROW Needed	Yes

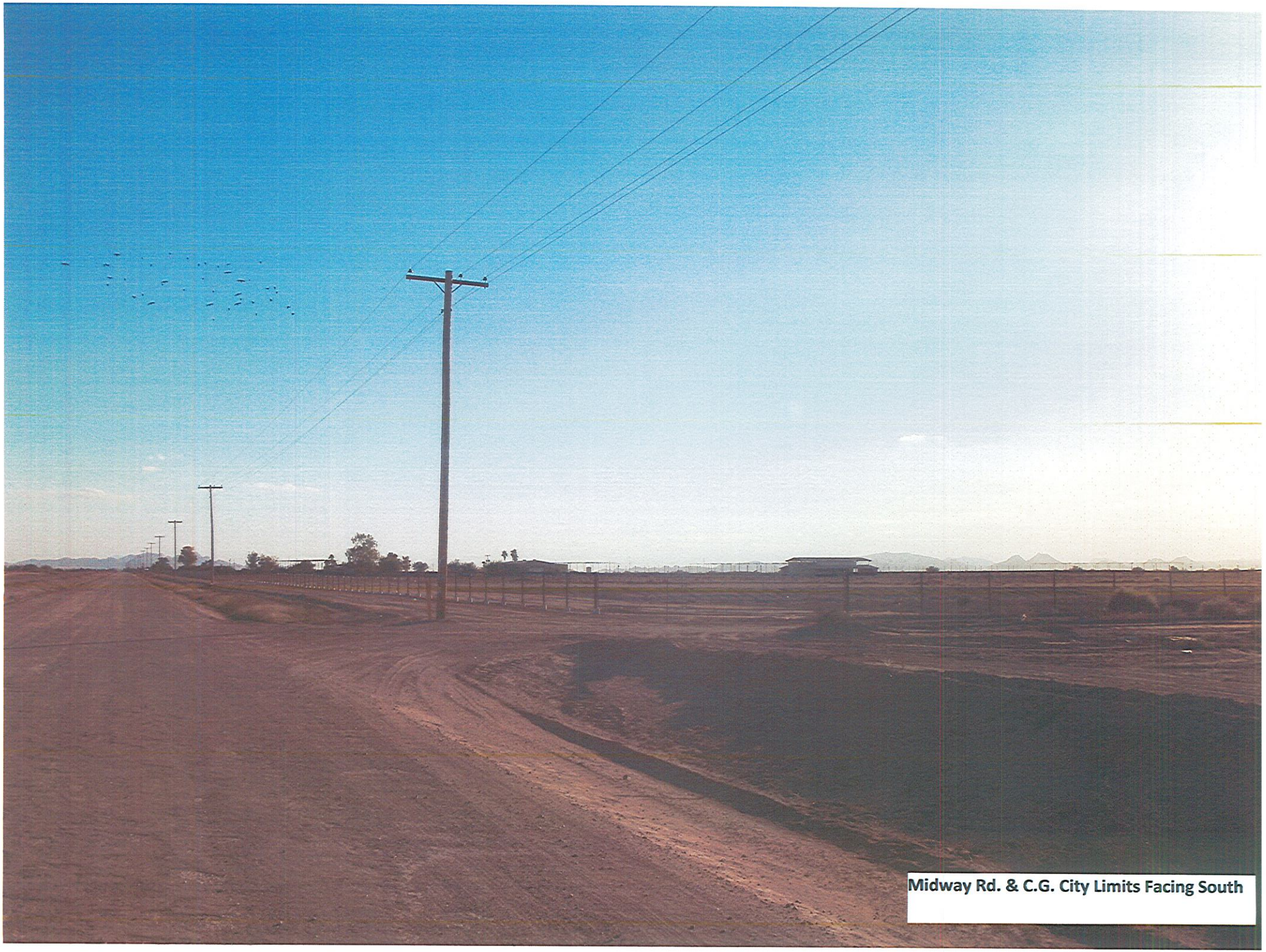
PART B - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS	
ROW to be acquired	No
Owners will donate ROW	No
Condemnation may be required	No
12. Please describe any right of way issues associated with the segment.	None
13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)	
Canals & Drainage	No
Power Lines & Cables	No
Pipelines, Sewer and Water	No
Private Structures	No
Other	Describe:
None	
14. Please describe any utility conflicts that will need to be addressed.	None
Section 2 - Proposed Improvements	**Segment 1**
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	No
Subdivision Street	No
Alley	No
Shoulders	Yes
Other	Describe:
2. Please describe the work to be performed on the segment:	Grading and paving an existing dirt road with 3" of Asphalt on 8" of ABC
3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
4. (**Optional for shoulder and alley paving, required for road paving)** Please describe vertical alignment changes.	None
5. **(Optional for shoulder and alley paving, required for road paving)** Please describe horizontal alignment changes.	None
6. **(Optional for shoulder and alley paving, required for road paving)** Design speed of the after construction segment.	60 MPH
7. Please describe the type of paving for the segment.	3" of Asphalt on 8" of ABC and a fog seal.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No
Fencing	No

PART B - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS	
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.	0
Maintenance	**Segment 1**
11. What is the anticipated life span of the paving (Years)?	10
12. When do you anticipate that major maintenace will be required for the improvement (Year)?	2027

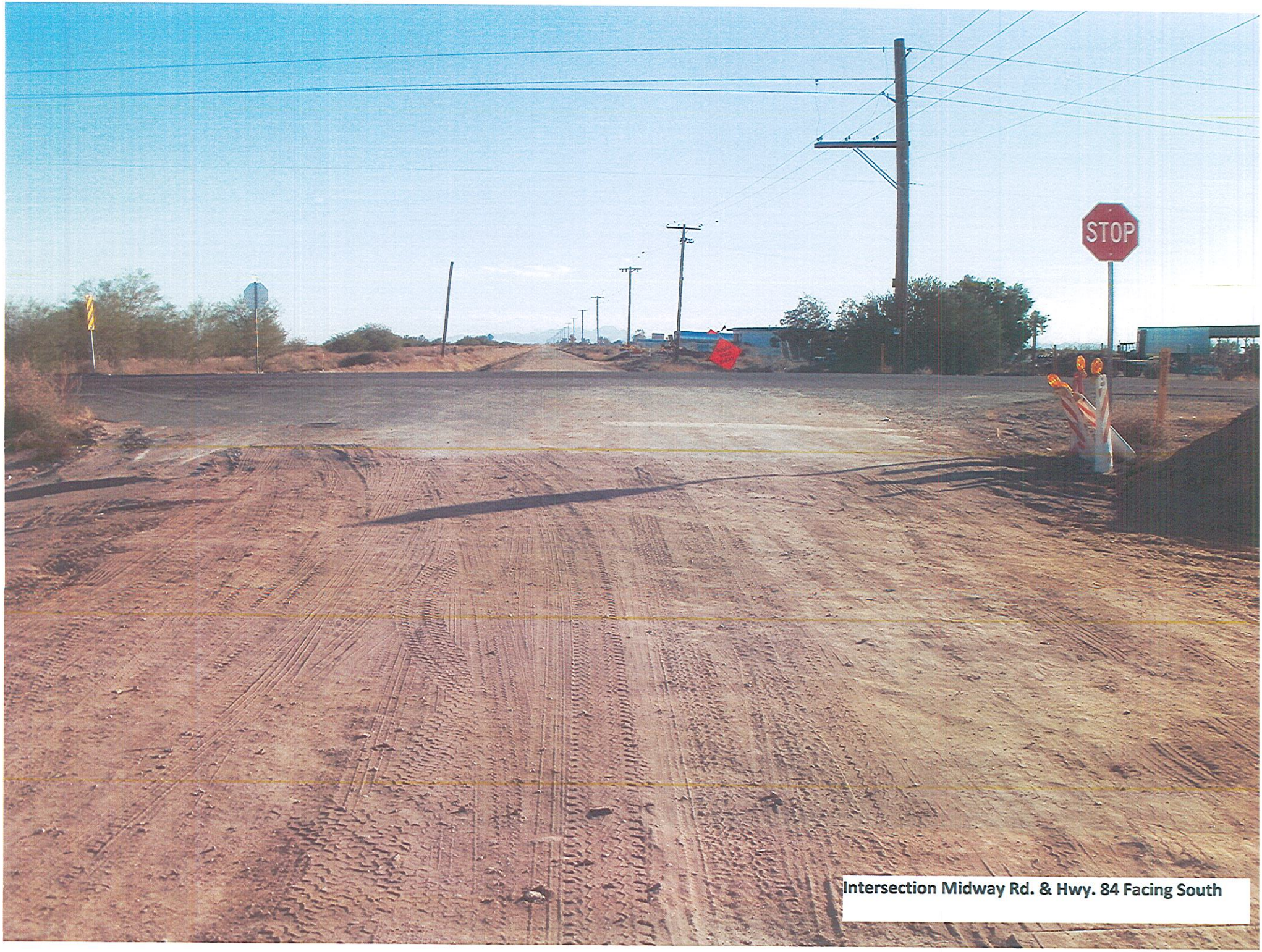
PM-2.5 Paving Application Pinal Countyfor 'Midway Road Paving Project'



Midway Road Paving Project - Segment B1



Midway Rd. & C.G. City Limits Facing South



Intersection Midway Rd. & Hwy. 84 Facing South

PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS

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

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

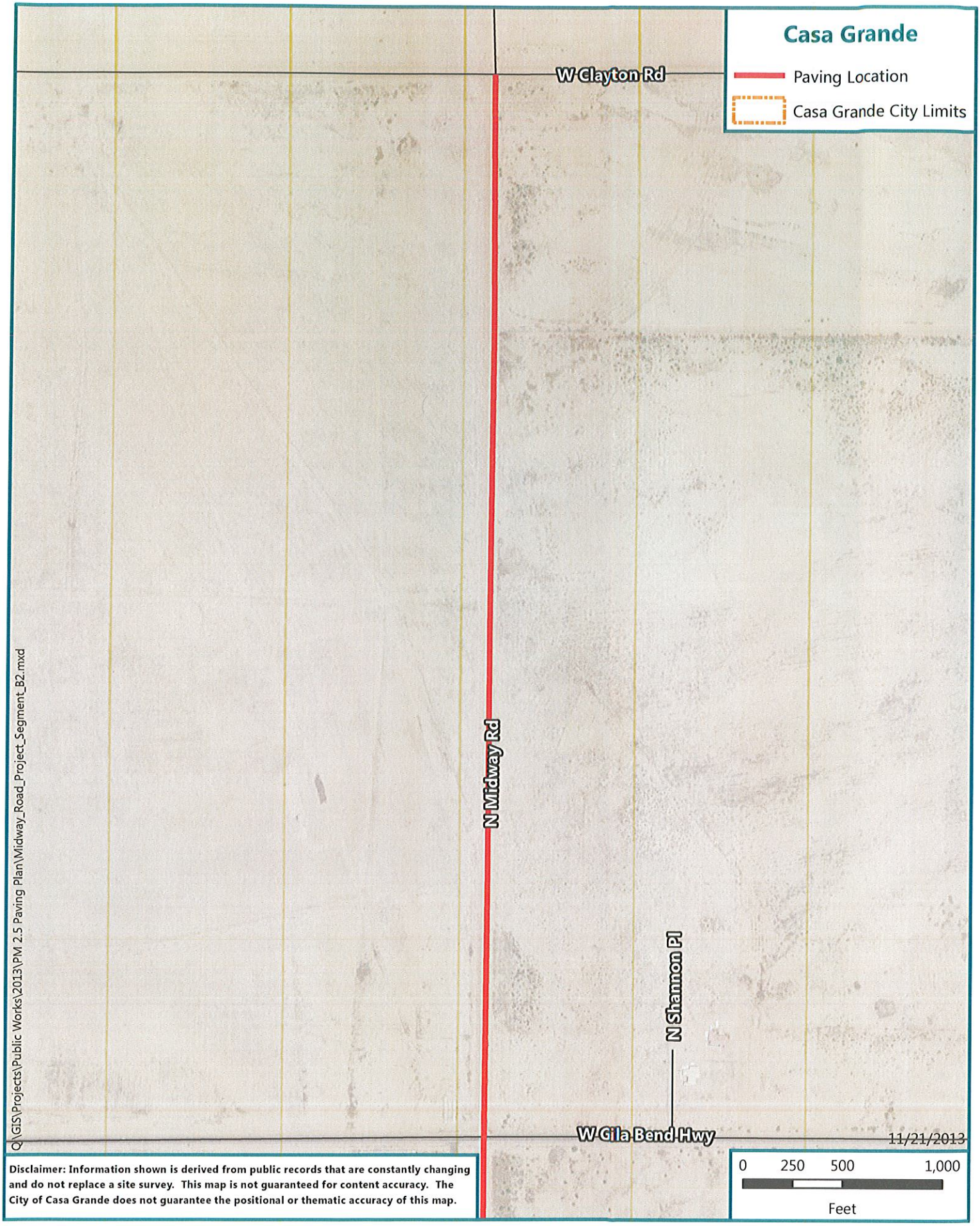
Section 1 - Segment Description	**Segment 2**
1. Segment Location - Include segment beginning and ending limits	S. Midway Rd. from Gila Bend Highway to W. Clayton Rd.
2. Length and Curb Miles	
a. Length (Miles) of the segment	1
b. Curb Miles: Miles of shoulders or curbs to be paved by direction (e.g. if discontinuous shoulder sections on both sides of the roadway are to be paved, enter the combined distance of shoulders to be paved).	
3. Please provide a map/graphic/photo that clearly shows the segment alignment and features that cross into or abut the alignment such as: washes, canals, railroad crossings, and other crossing features that may affect the project.	**Please attach map with transmittal**
4. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the current right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
5. Will the requested paving project pave a road, alley or shoulder within 4 miles of a PM-2.5 or PM-10 monitor (See map included with the mailing)? Which monitor?	Yes
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 with no gravel or suppressants
7. Please describe traffic on the segment (e.g weekday percent truck, etc.).	ADT is approximately 100 and includes agricultural trucks and passenger vehicles
8. Current Average Traffic (ADT)	100
9. Please describe methodology used to calculate ADT	Review of similar roads where we do have traffic counts.
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

PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS	
11. Current ROW: (Choose All that Apply and select Yes or No)	
Agency owns all ROW Needed	Yes
ROW to be acquired	No
Owners will donate ROW	No
Condemnation may be required	No
12. Please describe any right of way issues associated with the segment.	None
13. Current Utilities in or abutting the alignment: (Choose All that Apply and Select Yes or No)	
Canals & Drainage	No
Power Lines & Cables	No
Pipelines, Sewer and Water	No
Private Structures	No
Other	Describe:
None	
14. Please describe any utility conflicts that will need to be addressed.	None
Section 2 - Proposed Improvements	**Segment 2**
1. What is the type of paving project? (Choose all that Apply and Select Yes or No)	
Rural Road	Yes
Urban Road	No
Subdivision Street	No
Alley	No
Shoulders	No
Other	Describe:
2. Please describe the work to be performed on the segment:	Grading and paving an existing dirt road with 3" of Asphalt on 8" of ABC
3. Please provide a simple diagram of a typical cross section, including widths, of the segment that shows the proposed improvement(s) and the after construction right of way limits, sidewalks and shoulders (if any), and the lanes of travel.	
4. (**Optional for shoulder and alley paving, required for road paving)** Please describe vertical alignment changes.	None
5. **(Optional for shoulder and alley paving, required for road paving)** Please describe horizontal alignment changes.	None
6. **(Optional for shoulder and alley paving, required for road paving)** Design speed of the after construction segment.	None

PART B2 - SEGMENT DESCRIPTION AND PROPOSED IMPROVEMENTS	
7. Please describe the type of paving for the segment.	3" of Asphalt on 8" of ABC and a fog seal.
8. Non paving improvements to be included: (Choose All that Apply and Select Yes or No)	
Sidewalks	No
Fencing	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.	0
Maintenance	**Segment 2**
11. What is the anticipated life span of the paving (Years)?	10
12. When do you anticipate that major maintenace will be required for the improvement (Year)?	2027
PM-2.5 Paving Application Pinal Countyfor 'Midway Road Paving Project'	

Intersection Midway Rd. & Clayton Rd.
Facing North

Midway Rd. North



Disclaimer: Information shown is derived from public records that are constantly changing and do not replace a site survey. This map is not guaranteed for content accuracy. The City of Casa Grande does not guarantee the positional or thematic accuracy of this map.

Midway Road Paving Project - Segment B2

GIS

PART C - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

Copy of Copy of Paving Application PM 2.5 Areas FY2014.xls

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

1. Please attach a detailed cost estimate	**(OPTIONAL)**	
Cost Estimate for the Project Including ALL Segments	**Cost**	**(Optional)** Additional Notes
2. PE and Final Design	$ 115,000	
3. Right of way	$ -	
4. Utilities	$ -	
5. Construction	$ 1,150,000	
6. Contingency	$ 100,000	
7. Total Cost w/o ADOT Review Fee	$ 1,365,000	
8. ADOT Review Fee	$ 40,950	Required ADOT review fee. The fee is calculated as $ 30,000 or 3% of project cost, which ever is higher.
9. Total Cost with ADOT Review Fee	$ 1,405,950	Summation of Cost Cells

Agency Programming

10. Please describe the programming of the project in the agency's own CIP/TIP.	Will be in the FY2014 CIP and CAG TIP

Requested MAG Programming	**Year (Choose One)**	**Local Funding Source**	**Local Cost**	**CMAQ COST**	**Total Cost**
11. Design	2015	City of Casa Grande	115,000	0	115000
12. Right of way and Utilities	2015	City of Casa Grande	0	0	0
13. Construction	2017	City of Casa Grande	112,200	1,178,750	1,290,950
			227,200	1,178,750	1,405,950

PART D - SIGNATURE AND CHECKLIST

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

Signature: Scott E Bender

Name: Scott Bender, P.E.

Title: County Engineer

11/22/2013

Checklist - OPTIONAL

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

PART A - Contact, Project Description and Site Visit Fields	Complete?
Contact Information, fields 1 – 5 are complete	Yes
Project Description, fields 6, 7, 9 and 10 are complete	Yes
Project Description, field 8 – project map is provided in the printed application. Please attach a PDF file in the electronic submittal.	Yes
Site Visit Information, fields 11a and 11b	Yes
Site Visit Information, fields 11c Pictures attached.	Yes
PART B - Segment Description and Proposed Improvements Fields	**Complete?**
The number of complete Part B Segments match the number of segments listed in Part A, Field 9.	Yes
Segment Description, Section 2	
Fields 1 - 2 are complete	Yes
Field 3 – segment alignment map is provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 4 attach PDF file in the electronic submittal.	Yes
Fields 5 – 14 are complete	Yes
Proposed Improvements, Section 2	
Fields 1 – 2 are complete	Yes
Field 3 attach PDF file in the electronic submittal.	Yes
Fields 4 – 6 **REQUIRED** for Road and Street Segments and are complete.	Yes
Fields 4 – 6 **OPTIONAL** for shoulder and alley segments, please check box if complete.	Yes
Fields 7 – 10 are complete	Yes
Fields 11 – 12 are complete	Yes
PART C - Total Project Schedule and Budget Including All Segment Fields	**Complete?**
Section 1 - Total Project Budget	
Fields 1- is **OPTIONAL**. Please attach a PDF file in the electronic submittal if a detailed cost estimate is provided with printed application	No
Fields 2 – 6 are complete	Yes
Field 7 is **REQUIRED for non certified agencies**, please check box if included and provided in the printed application.	Yes
Field 8 is **OPTIONAL**, please check box if included and provided in the printed application. Please attach PDF file in the electronic submittal.	Yes
Field 9 - total cost field is complete	Yes
Field 10 - Agency CIP programming is completed	Yes
Fields 11 – 13 Years are complete	Yes
Fields 11 – 13 Local Funding Sources are complete	Yes
Fields 11 – 13 Local Costs are complete	Yes
Fields 11 – 13 Total Costs are complete	Yes
Field 13 Federal Costs are complete	Yes
Section 2 - Project Schedule is OPTIONAL	
Fields 1 - 14 are **OPTIONAL**	
PART D - Signature Page Fields	**Complete?**
Form is signed	Yes
Name, title and date fields are completed.	Yes

PM-2.5 Paving Application Pinal Countyfor 'Midway Road Paving Project'

TRANSMITTAL INSTRUCTIONS and SCHEDULE

The due date and time for project applications to be submitted to MAG is Friday, November 22, 2013, by 10:00 a.m.

Member agencies are to:

1) Transmit the application and all attachments electronically, and

To transmit the application electronically, please save the excel file, and then send the application and all attachments to Teri Kennedy, Transportation Programming Manager. Please send graphic attachments in PDF form. Click cell below to send e-mail.

mailto: MAG Staff

2) Submit two printed, signed, and complete applications to MAG.

To submit two printed, signed, and complete applications to MAG, the applicant can mail for delivery at the **MAG offices by 10:00 p.m. Friday, November 22, 2013** or drop off application to:

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

Or, the applicant can scan a printed and signed application and transmit it via e-mail to: tkennedy@azmag.gov, or faxed to 602-254-6490. The application must be received in the MAG offices by 10:00 p.m. Friday, November 22, 2013 If the applicant is transmitting a scanned, printed, and signed application via e-mail or fax, the applicant will mail or drop off the original printed application by 10:00 a.m. Friday, November 22, 2013.

Application Workshops and Open Working Group Meeting Schedule*	
Tuesday, November 5, 2013 in the MAG Offices, 2nd floor - Ironwood Room.	Workshop on MAG Transportation Federal Fund Project Applications

* All meetings will be held on the 2nd Floor of the MAG Offices at 302 North 1st Ave, Suite 300, Phoenix, Arizona 85003

PM-2.5 Paving Application Pinal Countyfor 'Midway Road Paving Project'