



FORT MCDOWELL ROAD (SOUTH) BICYCLE AND PEDESTRIAN IMPROVEMENTS

FORT MCDOWELL YAVAPAI NATION

**APPLICATIONS ARE DUE AT MAG OFFICES BY
Tuesday, October 22, 2013 at 10:00 a.m.**

(LATE AND/OR INCOMPLETE APPLICATIONS WILL NOT BE ACCEPTED)

PART A - CONTACT AND PROJECT DESCRIPTION	
Contact Information	
1. Name of Sponsoring Agency	Fort McDowell Yavapai Nation
2. Agency Contact Name	Erika McCalvin
3. Phone Number of Agency Contact	480-789-7742
4. E-Mail Address of Agency Contact	emccalvin@ftmcdowell.org
5. Mailing Address of Agency Contact	Planning & Development Department Fort McDowell Yavapai Nation P.O. Box 17779 Fountain Hills , AZ 85269
Project Description	
6. Please provide the Project Title.	Fort McDowell Road Bike and Ped Improvements
7. Please provide a concise, specific description of the project (250 character limit):	
<p>The Nation intends to increase the ability for tribal members, staff and visitors to access the RV Park, Gas Station and Casino complex by alternative modes of transportation and to provide reasonable alternatives to using single occupancy vehicles.</p>	
8. Please provide the project limits:	
<p style="text-align: center;">Fort McDowell Road (South): RV Park to State Route 87 and Fort McDowell Road (North): State Route 87 to Public Safety Complex</p>	
Safe Routes to School (if project is NOT a Safe Routes to School project, proceed to Part B)	
9. School Name	
10. School Address	
11. School City, State, ZIP Code	

PART B-PROJECT DESCRIPTION

This part of the form identifies the current characteristics and proposed improvements for each project.

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

NOTE: For Part B, Questions 12-13 and 15-18, the specified distance will vary (and update automatically) depending on the project type identified in Part B, Question 1. Pedestrian-only projects will use a distance of 1/4 mile, while bicycle and Shared-Use projects will use a distance of 1/2 mile.

1. What type of project is this? (Check only one)

- Bicycle lane (4' min. w/o curb/gutter)
- Bicycle lane (5' min. with curb/gutter)
- Shared-use path (10' min.)
- Detached Sidewalk with 4' min. buffer
- Sidewalk (5' min.)

Wide Sidewalk (8' min.)

Other:

BOTH 5' bicycle lane (with curb/gutter) AND 5' minimum sidewalk

2. What other major elements are included in this project? (Check all that apply)

- Bridge (overpass)
- Tunnel (underpass)
- Safe Routes to School
- Signalized Crossing
- Signalized midblock crossing/HAWK
- Countdown Pedestrian Signal
- Number of Bike racks/lockers
- Number of Drinking Fountains
- Number of Way-finding Signs
- Number of Trash receptacles

- 0 Number of new openings in street walls
- 0 Number of Trees
- 0 Number of Shade Structures
- 0 Number of Seating/Rest Area(s)
- 0 Number of bicycle/pedestrian counting devices

Other:

The signalized crossing IS EXISTING, but phasing will need to occur to encourage ped/bike access

3. Please describe the existing condition of the project site and any problem(s) being addressed.

The site is in two segments, divided by State Route 87 (SR-87). South of SR-87, the roadway is a rural collector with one lane in each direction and a center left turn lane where it meets SR-87. North of SR-87, it is a rural collector with a continuous left turn lane for the remaining length of the project. At the northern end of the project a 400 feet of four feet wide bicycle lane is in place in the southbound lane. No other bicycle or pedestrian facilities currently exist.

4. Please describe the work being done and improvements being made as part of this project.

The roadway is currently under design to improve drainage along the southern portion and to upgrade the surface pavement condition. The project being submitted is intended to provide transportation alternatives in conjunction with the drainage and pavement upgrade project.

The south 1/2 mile adds a sidewalk on the east side of the road and striped bike lanes on both sides. The north 0.4 miles are similar, except the sidewalk switches side to the west side of the road.

5. What do you hope to achieve with this project?

We hope to provide alternative ways for the residents and large volume of visitors to the RV Park south of SR-87 to access tribal facilities north of SR-87 by means other than driving single occupancy vehicles.

6. Please provide a site safety / crash history, and provide a source for this information.

Please describe any car-bicycle and car-pedestrian crashes on streets within 2-mile radius of the project (within the last 5 years). You may attach crash reports or summarize their results below.

7. Safety improvements to be included for this project: (Check all that apply)

- Wide bike lanes (6'-7')
- Wide sidewalk (8' min.)
- Grade-separated crossing (overpass or underpass)
- Signalized crossing/Ped countdown/HAWK
- Lighting
- Striping/re-striping of roadway
- Countdown signals

Buffer Zone, Width

Other

PART B-PROJECT DESCRIPTION

8. How does this project improve upon an existing safety issue?

Currently, pedestrian and bicycle users have no facilities for crossing SR-87 and are, essentially, left to their own devices. As a result, almost no-one walks or bikes to the facilities north of the State Route.

9. How does the project improve ADA facilities for persons with disabilities?

ADA facilities within the project area are extremely limited. This project will be fully compliant with all ADA requirements and will provide a means for ADA populations to the facilities where none currently exist.

10. How does the project create a sense of place?

The current transportation facilities are highly focused on SOV travel. The project will expand the options available and allow residents and visitors to enjoy the peaceful Verde River valley during their travels.

11. Connectivity: (Check all that apply)

Project fills a gap in the system
Explain:

Project connects to other local bikeways
List of connected bikeways:

Connects to existing bike lane north of SR-87

Multi Jurisdictional Project
List of Participating Jurisdictions:

Involves working with ADOT (crossing of SR-87) and with MCDOT (responsible for Fort McDowell Road, north of SR-87).

Total length of facilities connected by this project (in miles)

12. Number of transit stops this project will connect to. Do NOT count major transit facilities (park and rides, transit centers, etc.) in this question. List associated route(s) and their peak frequency, using Valley Metro as the source.

Within 1/2 mile

List routes and frequency:

Casino shuttle services to Phoenix 8 times per day

13. Number of major transit facilities (park and rides, transit centers, etc.) served by this project:

Within 1/2 mile

List:

14. Describe how this project will improve access from nearby neighborhoods and/or adjacent uses:

Two residences south of SR-87 will have the ability to access services north of SR-87 by ped and bike where, currently, no opportunity exists.

PART B-PROJECT DESCRIPTION

15. Number of activity centers (parks, libraries, senior centers, recreational centers, etc.) this project will benefit:

Within 1/2 mile
List:

1. RV Park; 2. Casino; 3. Hotel and Convention Center; 4. Public Safety Center; 5. Tribal Courts Building; 6. Tribal Warehouse facilities

16. Number of commercial and employment destinations (malls, retail centers, business parks, etc.) this project will benefit (for example, a mall is ONE destination; do NOT count every store in a mall as a separate destination):

Within 1/2 mile
List:

1. RV Park; 2. Casino; 3. Hotel and Convention Center; 4. Public Safety Center; 5. Tribal Courts Building; 6. Tribal Warehouse facilities

17. Number of K-8 public schools this project will benefit:

Within 1/2 mile
List:

18. Number of other schools (charter schools, high schools, colleges, and universities) this project will benefit:

Within 1/2 mile
List:

19. What are the demographics of the area served:

[MAG Demographic Mapping](#)

People Per Square Mile

% Families in Poverty

Use the MAG Demographic Mapping link above. Zoom in to your project area. On the right-hand side of the screen, under "Reporting," select "Custom." Next, select "Corridor of Interest." Left-click to begin drawing. Draw a line through all census blocks adjacent to your project, left-clicking where needed to change the direction of the line Double-click to finish drawing the line. The selected census blocks will become highlighted in blue. A pop-up box will appear with "Results for Selected Block Groups." Select the "Summary Report" tab, and use the data found there. You may export the results to Excel (click the printer icon at the top-right side of the pop-up window) for your records.

PART B-PROJECT DESCRIPTION

20. Please provide the following information on the facility on which the improvement will be located.

For a linear project, please enter the Facility Name, Starting Limit and Ending Limit:

Fort McDowell Road: South of RV Park to Public Safety Building

For a point project (e.g. an intersection or crossing), please enter a Facility Name and a Crossing Feature:

Federal Functional Classification of the Facility:

Major Collector

[Link to MAG webpage for Federal Functional Classification Map](#)

Type of Facility the Improvement will be located on:

Arterial Road

1 Length (in Miles)

35 Posted Speed Limit (MPH)

2 Number of Travel Lanes

21. Please provide an estimated traffic volume (ADT) below. If project is not on a road (ex. Canal path), use nearest parallel arterial.

3,344 ADT Estimate

5/7/13 Date Counted

Name of road the traffic count was taken from

Fort McDowell Road

Description of Methodology and Source used for the ADT Estimate

Actual Traffic Count

22. 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.

Describe any known cultural, historical and biological resources, hazardous materials or other environmental issues that could affect work on the segment.

Clearances are underway as part of a federally funded design project

23. Current ROW: (Check all that apply)

Agency owns all ROW Needed
 ROW to be acquired
 Owners will donate ROW

Agency owns easement
 Agency has right-of-use (i.e. canal)
 Condemnation may be required

24. Please describe any right of way issues associated with the project.

No direct right of way issues. The Nation owns all of the right of way needed. Where appropriate, ADOT and MCDOT will be consulted with regard to the crossing of facilities owned by those agencies.

25. Current Utilities in or abutting the alignment: (Check all that apply)

No Utility in or abutting the alignment
 Canals & Drainage
 Power Lines & Cables
 Pipelines, Sewer and Water

Private Structures

Other:

PART B-PROJECT DESCRIPTION

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

Drainage, sewer and water are all under the Nation's control and will be investigated as part of the design project currently under way. Similar efforts are under way with ADOT and MCDOT for their facilities.

27. Guidelines used to develop project: (Check all that apply)

- AASHTO Guide for Bicycle Facilities
- MAG Pedestrian Policies and Design Guidelines
- MAG Complete Streets Guide
- MAG Designing Transit Accessible Communities
- NACTO Urban Bikeway Design Guide
- RPTA Bus Stop Program and Standards

Other:

28. Jurisdiction has the following policies for improved bicycle/shared use facilities:

With new development and capital improvement projects, bike lanes on arterial streets are:

With new development and capital improvement projects, bike lanes on collector streets are:

With pavement restoration or regular pavement maintenance on arterial streets, bike lanes are:

With new development or during development retrofits, shared-use paths are:

Bicycle program implemented, including bike education, safety events, and bike maps

Complete Streets Policy

29. The project is: (Check one)

Identified in General Plan, council adopted policy, or Capital Improvements Program (provide source)

List:

Fort McDowell Yavapai Nation Transportation Plan

Consistent with general policy/practices, but not formally identified (provide source)

Explain:

The Nation does not have a formal policy with regard to pedestrian and/or bicycle facilities, except where stated in the above

Not addressed by jurisdiction's plans, policies, or practices

Explain:

30. Identify the organization(s) responsible for on-going maintenance and repairs of the project:

Fort McDowell Yavapai Nation

31. How will the applicant measure the success of this project?

By the reduction in SOV traffic from south to north and vice-versa

32. Will bicycle/pedestrian count technology be incorporated? Will the devices broadcast automatic updates or require manual data collection? If manual, how will the agency identify staff resources to dedicate to collecting the data?

The Nation's bicycle facilities are very limited, but the Nation's traffic counting methodologies will be updated to include bicycle and pedestrian counts in this corridor when the facilities are available

33. Will the project include an education/marketing component upon completion of construction, to publicize the project and increase citizen awareness of the project impact and benefits? If yes, please describe below.

Presentations will be provided to the Tribal Council and Project Planning Board and visitors to the RV Park will receive flyers advertising the new facilities in their move-in packets.

Part C - Required Attachments

Listed below are the required attachments for this project application. These attachments are intended to demonstrate the need of the project. They should clearly show the segment alignment and features that connect to other bicycle, pedestrian, and/or shared-use facilities, as well as washes, canals, railroad crossings, and other crossing features that may affect the project.

PLEASE INCLUDE EACH ATTACHMENT AS A SEPARATE .JPEG OR .PDF FILE ON YOUR APPLICATION CD.

Please insert ALL attachments between Part B and Part D on your printed application, in the order they are listed below. See below for alternate submission requirements for GIS coverage files.

Required Attachments:

1) Please attach a map with streets labeled showing the location(s) of the proposed project, including a north arrow.

2) Please attach up to four photos indicating existing conditions in the project area (two 4x6 photos per page).

3) Please attach a simple diagram of the current typical cross section, including widths, of the segment that shows the right of way limits, sidewalks and shoulders (if any), and the lanes of travel.

OPTIONAL Attachments:

(OPTIONAL) Attach up to two photos showing what the completed project will look like, if available (these can be photoshop, renderings, etc.).

(OPTIONAL) Attach any crash report(s) referenced in Part B, Section 2, #6.

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

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Project Title:		Application Date:		10/21/2013			
Fort McDowell Yavapai Nation		Fort McDowell Bike and Ped Improvements							
Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Notes(s)
A. Scoping (15% Preliminary Engineering Design)	1. SITE TOPOGRAPHIC SURVEY	LS	1	\$12,000	\$12,000	No	\$0	\$12,000	Already underway
	2. PROJECT ASSESSMENT REPORT or DETAILED WORKPLAN	LS	1	\$19,400	\$19,400	No	\$0	\$19,400	Already underway
	3. ENVIRONMENTAL DETERMINATION (Infrastructure projects, including technical supporting documents)	LS	1	\$21,200	\$21,200	No	\$0	\$21,200	Already underway
	4. HAZMAT ASSESSMENT	LS	1	\$6,500	\$6,500	No	\$0	\$6,500	Already underway
Subtotal Scoping (Part A)					\$59,100		\$0	\$59,100	
B. Final Preliminary Engineering Design - Stages II, III, IV And PS&E	1. Plans, Special Provisions or Bid Manual, Cost Estimate & Schedule.	LS	1	\$96,400	\$96,400	No	\$0	\$96,400	Already underway
	2. GEOTECHNICAL INVESTIGATION and Materials & Pavement Design Report	LS	1	\$8,900	\$8,900	No	\$0	\$8,900	Already underway
	3. DRAINAGE REPORT	LS	1	\$12,800	\$12,800	No	\$0	\$12,800	Already underway
	4. SWPPP	LS	1	\$4,200	\$4,200	No	\$0	\$4,200	Already underway
Subtotal PE (Part B)					\$122,300		\$0	\$122,300	Already underway with tribal funds
C. Right-of-Way Acquisition	Subtotal Preliminary Engineering (Part A + Part B)				\$181,400		\$0	\$181,400	Already underway with tribal funds
	Subtotal Right-of-Way Acquisition (Part C)				\$1,500	No	\$0	\$1,500	Cons with BIA, ADOT & MCDOT
D. Utility Relocation	1. Utility Relocation	LS	1	\$6,400	\$6,400	No	\$0	\$6,400	
	Subtotal Utility Relocation (Part D)				\$6,400		\$0	\$6,400	
E. Construction Or Implementation For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part of	1. Hardscscape Construction				\$657,670		\$620,188	\$37,487	
Installation Of SWPP Measures		LS	1	\$2,700	\$2,700	Yes	\$2,546	\$154	
Site Preparation		LF	1	\$1,500	\$1,500	Yes	\$1,415	\$86	
Swcut		LF	2,500	\$5	\$11,250	Yes	\$10,609	\$641	
Remove Structures and Obstructions		LS	8	\$800	\$4,000	Yes	\$3,772	\$228	
Remove Fencing		LF	150	\$12	\$1,800	Yes	\$1,697	\$103	
Demolition		CV	65	\$14	\$910	Yes	\$858	\$52	
Remove Structural Concrete		CV	125	\$9	\$1,125	Yes	\$1,061	\$64	
Remove Asphaltic Concrete Pavement		CV	0	\$0	\$0	Yes	\$0	\$0	
Remove Concrete Sidewalks, Slabs		LS	1	\$1,750	\$1,750	Yes	\$1,650	\$100	
Retaining Wall - Reinforced Concrete Cantilevered		SF	150	\$18	\$2,700	Yes	\$2,546	\$154	
General Excavation		CV	240	\$8	\$1,920	Yes	\$1,811	\$109	
Drainage Excavation		CV	0	\$0	\$0	Yes	\$0	\$0	Part of roadway upgrade project
Structural Excavation		CV	150	\$15	\$2,250	Yes	\$2,122	\$128	Part of roadway upgrade project
Structural Backfill		CV	450	\$22	\$9,900	Yes	\$9,316	\$584	Part of roadway upgrade project
Borrow (In Place)		CV	25	\$15	\$375	Yes	\$354	\$21	
Curb & Gutter		LF	4,000	\$19	\$76,000	Yes	\$71,668	\$4,332	
Aggregate Base		CV	1,400	\$24	\$33,600	Yes	\$31,685	\$1,915	
Concrete		SF	48,000	\$9	\$432,000	Yes	\$407,376	\$24,624	
Colored Concrete		SF	0	\$0	\$0	Yes	\$0	\$0	
Stamped Color Concrete		SF	0	\$0	\$0	Yes	\$0	\$0	
Precast Concrete Pavers		SF	0	\$0	\$0	Yes	\$0	\$0	
Asphaltic Concrete		Ton	670	\$62	\$41,540	Yes	\$39,172	\$2,368	
Polymer or Resin stabilized Surface		SF	1	\$0	\$0	Yes	\$0	\$0	
Concrete Pavers		SF	0	\$0	\$0	Yes	\$0	\$0	
Stamped Asphalt		SF	0	\$0	\$0	Yes	\$0	\$0	
Stamped Concrete		SF	0	\$0	\$0	Yes	\$0	\$0	
Concrete		SF	1,250	\$9	\$11,250	Yes	\$10,609	\$641	
Integral Color Concrete		SF	1	\$0	\$0	Yes	\$0	\$0	
Pedestrian ADA Ramp		SF	200	\$0	\$0	Yes	\$0	\$0	
Culvert Extensions		LF	80	\$170	\$13,600	Yes	\$12,825	\$775	
Pedestrian Lighting Including Conduit And Trenching		Each	20	\$375	\$7,500	Yes	\$7,073	\$428	
Handrail		LF	0	\$0	\$0	Yes	\$0	\$0	
Decorative		LF	0	\$0	\$0	Yes	\$0	\$0	
Subtotal Hardscscape Construction					\$657,670		\$620,188	\$37,487	

PART D - TRANSPORTATION ALTERNATIVES COST ESTIMATE FORM

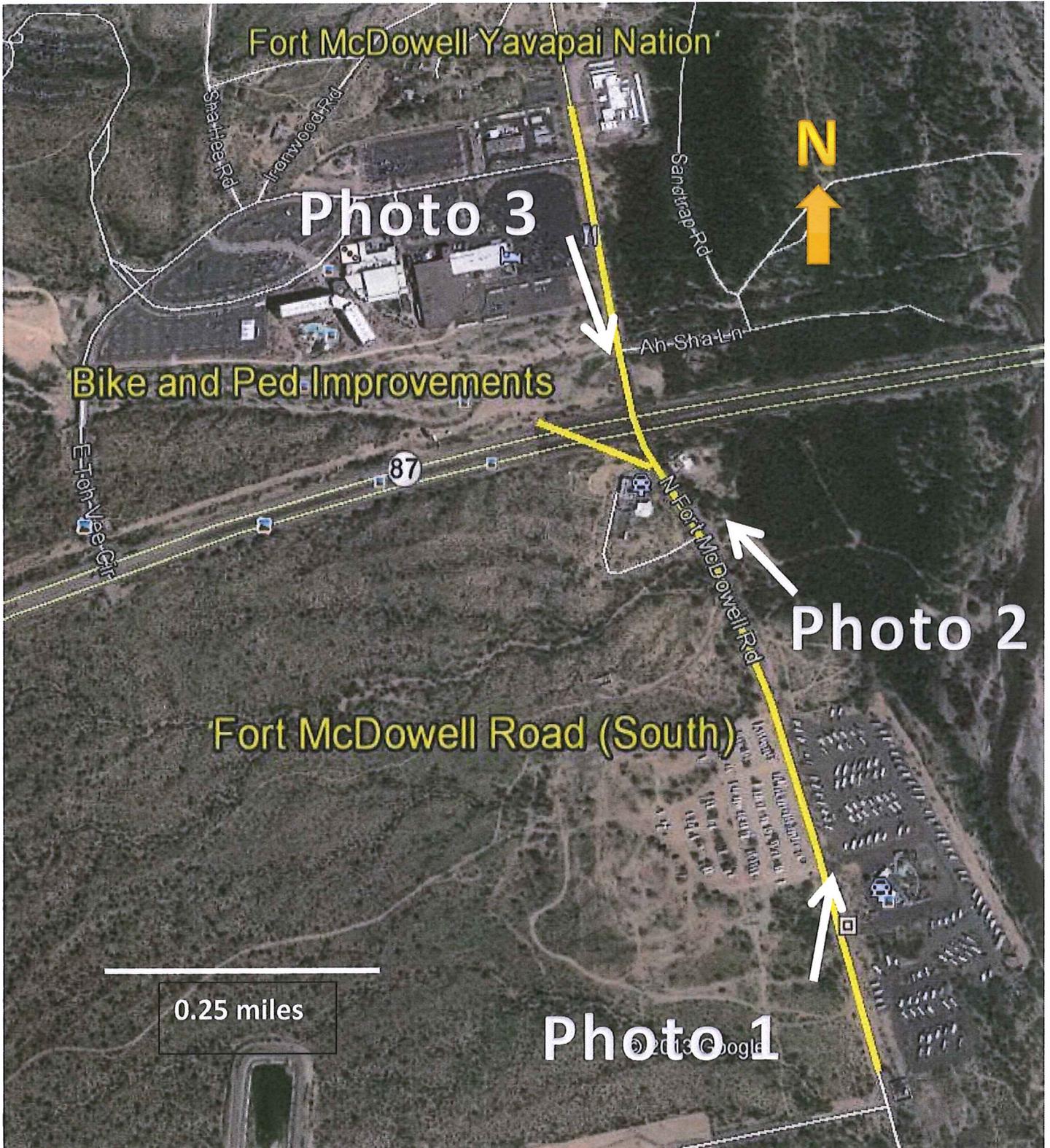
Please provide a detailed cost estimate for this project. The data entered in this cost estimate sheet will automatically transfer into the correct fields in Part E. Rows 1-9 will remain visible at the top of this page at all times.

Sponsoring Agency:		Project Title:		Application Date:		10/21/2013				
Fort McDowell Yavapai Nation		Fort McDowell Bike and Ped Improvements								
Part	Item Description	Unit	Quan.	Unit Price	Total	Federally Eligible	Federal Funds (94.3%)	Local Funds (5.7%)	Notes	
E. Construction Or Implementation [For Non-Infrastructure Projects (No Ground Disturbing Activities), Address Only Part d)]	2. Landscaping & Irrigation Items	Trees Above 35 gallon in size as required per local code or special design	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Plantings	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Trees (5 Gallon Size)	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Trees (15 Gallon Size)	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Shrubs (5 Gallon Size)	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Shrubs (15 Gallon Size)	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Cactus (5 Gallon Size)	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Mulch	Decomposed Granite	CV	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
			Organic	CV	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
		Topsoil	CV	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Seeding	Acres	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Turf Sod	SY	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Boulders	Each	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Irrigation System	Drip	SF	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
			Turf	SF	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
		Sleeving For Irrigation System	Directional Bore	LF	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
			Cut and Patch	LF	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project
		Landscape Header Curb	LF	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		Landscape Establishment	LS	0	\$0	\$0	Yes	\$0	Part of roadway upgrade project	
		3. Site Furnishings	Subtotal Landscaping & Irrigation Items			\$0	\$0	Yes	\$0	Part of roadway upgrade project
			Benches	Each	0	\$0	\$0	Yes	\$0	
			Seawalls	LF	0	\$0	\$0	Yes	\$0	
			Bike Racks	Each	0	\$0	\$0	Yes	\$0	
			Treat Receptacles	Each	0	\$0	\$0	Yes	\$0	
			Drinking Fountains	Each	0	\$0	\$0	Yes	\$0	
Signage (Standard Traffic Control)	Each		0	\$0	\$0	Yes	\$0			
Signage (Wayfinding)	Each		0	\$0	\$0	Yes	\$0			
Tree Gates	Each		0	\$0	\$0	Yes	\$0			
Subtotal Site Furnishings					\$0	\$0	Yes	\$0		
4. Other Construction Items, Also, Itemized Line Items For Non-Infrastructure Projects. (Insert Additional Rows If Necessary)	Bicycle and Pedestrian Counter	Each	0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
			0	\$0	\$0	Yes	\$0			
5. Mobilization And Administration Costs	Subtotal Other Construction			\$0	\$0	Yes	\$0			
	Contractor Mobilization	LS	1	\$45,000	\$45,000	No	\$0	\$45,000		
	Traffic Control	LS	1	\$38,000	\$38,000	Yes	\$38,834	\$2,166		
	Construction Survey & Layout	LS	1	\$37,000	\$37,000	Yes	\$34,891	\$2,109		
	Construction Contingencies	LS	1	\$65,000	\$65,000	Yes	\$61,295	\$3,705		
Construction Administration	LS	1	\$175,000	\$175,000	Yes	\$165,025	\$9,975			
Subtotal Mobilization & Administration Costs				\$860,000	\$860,000		\$297,045	\$562,955		
Subtotal Construction Or Implementation Cost (Part E)					\$1,017,670		\$917,228	\$100,442		
F. Total Scoping, Fe, Right-of-Way Acquisition, Utility Relocation, and Construction (Part A, B, C, D, and E)					\$1,206,970		\$917,228	\$289,742		
G. Ador Fee For Fe Reviews And Staff Charges (The Higher of \$20,000 or 2% of Total Cost (Part E))					\$24,139		\$22,763	\$1,376		
H. Total Project Cost Including Ador Fees (Part F + Part G)					\$1,231,109		\$939,991	\$291,118		

Fort McDowell Yavapai Nation

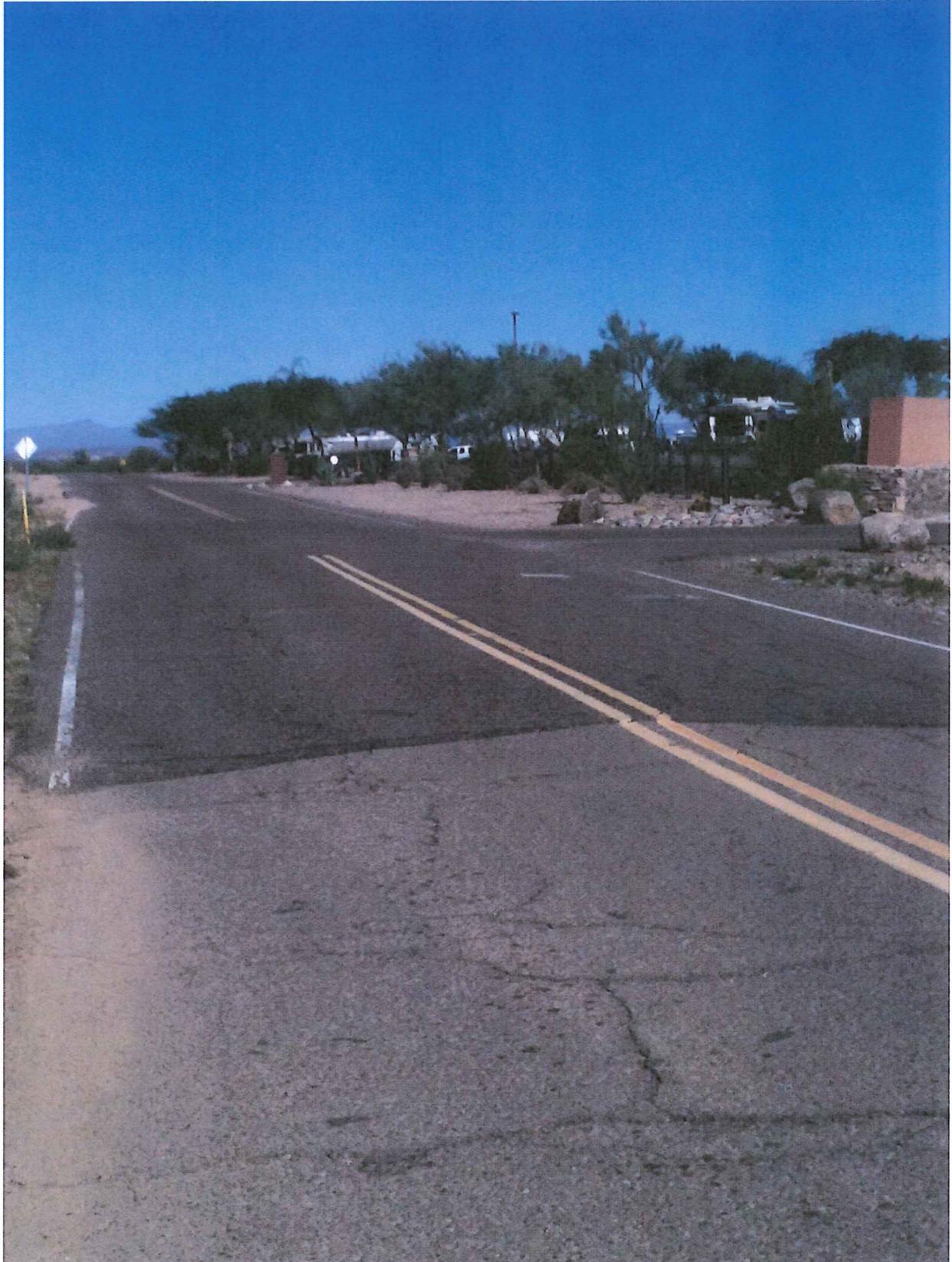
Attachment to Application for Transportation Alternative Funding 10-21-13

1. Map/Aerial Photograph

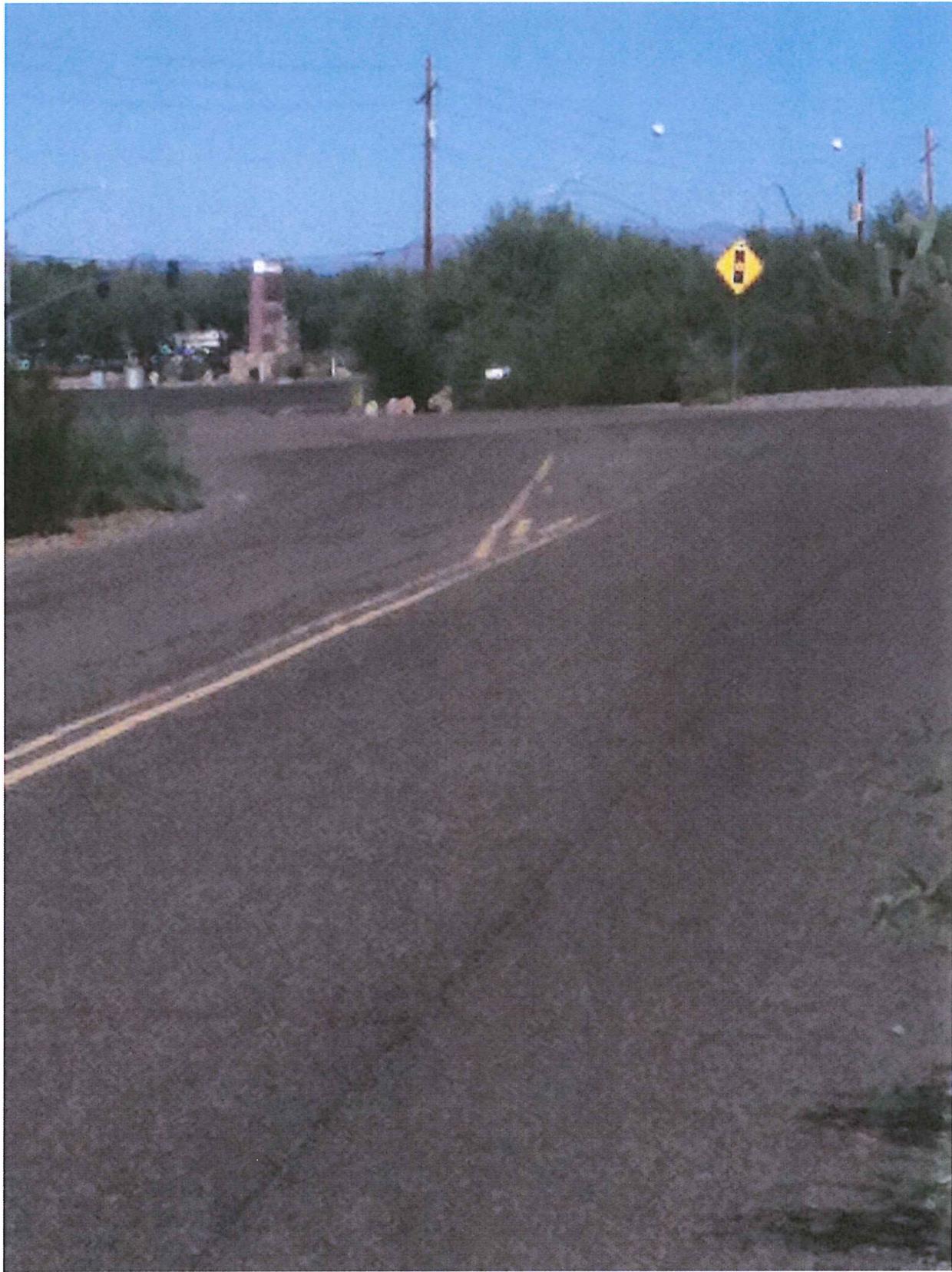


2. Area Photographs

Photograph 1: This photo is taken looking north east from the south end of the project at the entrance to the RV Park, which is where the project actually starts.



Photograph 2: This photo is taken looking north west from north of the RV Park, showing the traffic signal and the junction with State Route 87.



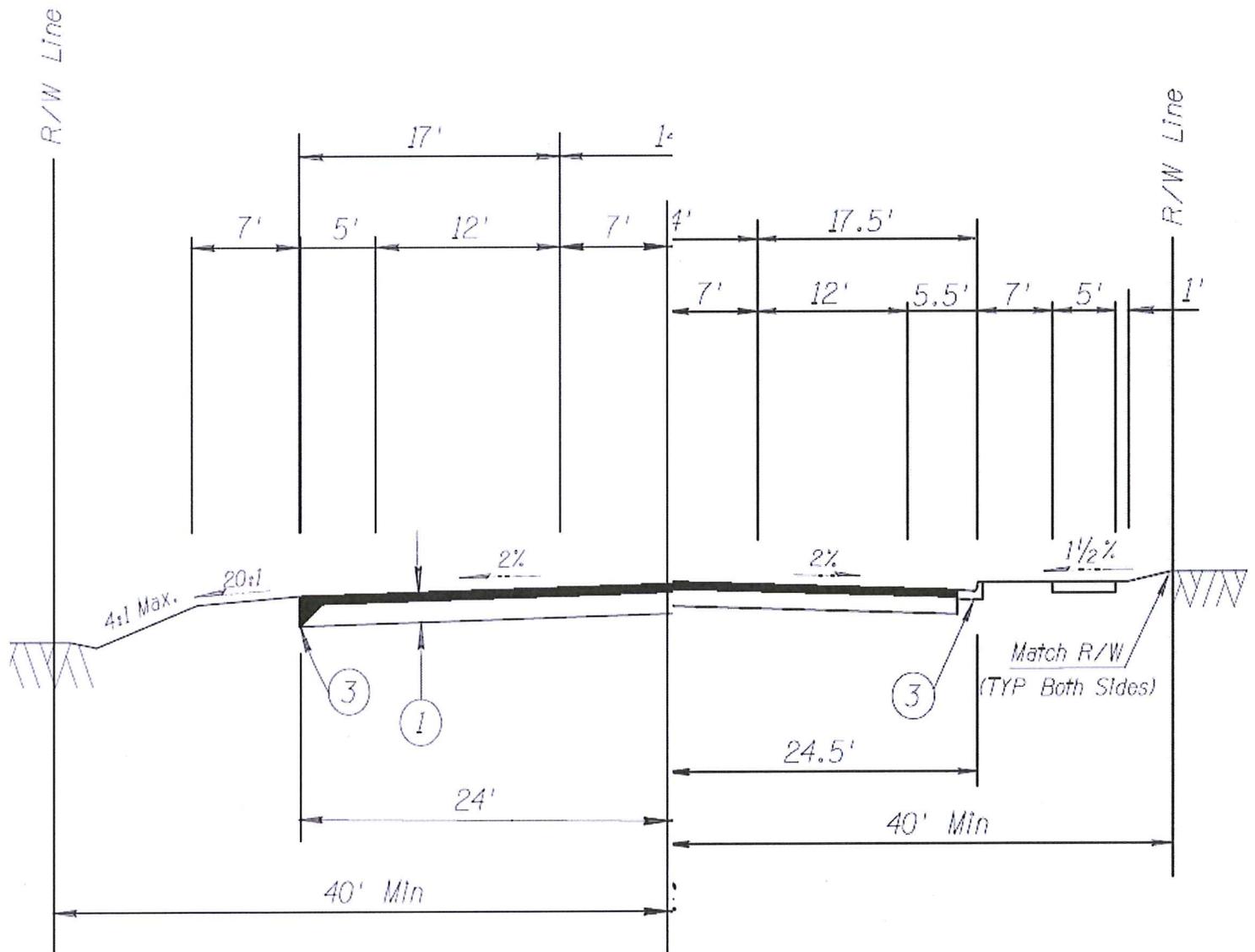
Photograph 3: This photo is taken looking north east from the south end of the project at the entrance to the RV Park, which is where the project actually starts.



3. Cross-Section

The following is a simple diagram of the roadway cross-section expected to be used for the majority of the project, looking northwards.

It shows a composite of the MCDOT Rural Major Collector on the west (left), with one (southbound) through-lane with a striped on-road bicycle lane (the width may be increased as the ground allows) and the Urban Major Collector on the eastside, with a striped on-road bicycle lane, curb and gutter and a six to eight foot wide sidewalk. Both cross-sections provide for a center, continuous left turn lane.



PART E - TOTAL PROJECT SCHEDULE AND BUDGET INCLUDING ALL SEGMENTS

Please verify that the cost and programming estimates for the total project are correct below. The numeric values on this sheet (in GREY) are automatically populated from the cost estimate sheet (Part D) and cannot be modified. If there are any errors in the numeric values on this sheet, please verify and correct the numbers you have entered into the cost estimate sheet (Part D). You MUST fill in the GREEN portions of Part E manually.

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 questions 23-26 in Part B.

Cost Estimate for the Project Including ALL Segments	Cost	Additional Notes (if needed)			
1. ADOT Fee	\$24,139	Local Funds			
2. Design	\$181,400	BIA Design Funds already programmed for 2013 and 2014			
3. Right of way	\$1,500	No ROW needed, estimate for funds needed for ROW Coordination with BIA, ADOT and MCDOT			
4. Utilities	\$6,400	Part of the roadway upgrade project being completed with BIA Funds			
5. Construction	\$1,017,670	Primarily TA Funds, with BIA Local match			
6. Total Cost	\$1,231,109				
7. Will the agency maintain the improvement after it is completed?		<input type="text" value="Yes"/>			
8. Expected Annual Maintenance Cost		<input type="text" value="8,900"/>			
9. Identify Source of Maintenance Funds		<input type="text" value="BIA Highway Maintenance Funds"/>			
Requested MAG Programming	Year	Local Funding Source	Local Cost	Federal Cost	Total Cost
10. Design	2013	Other	\$181,400	Not Available	\$181,400
11. ADOT Fee	2016	Other	\$1,376	\$22,763	\$24,139
12. Right of way and Utilities	2014	Other	\$7,900	Not Available	\$7,900
13. Construction	2017	Other	\$100,442	\$917,228	\$1,017,670
14. Total Costs			\$291,118	\$939,991	\$1,231,109

Fort McDowell Yavapai Nation: Fort McDowell Road Bike and Ped Improvements

PART F - SIGNATURE AND CHECKLIST

Checklist

This checklist is included to facilitate applicant review and verification that all required fields in the form have been completed.

COVER SHEET	Complete?
Cover Sheet is completely filled out	
PART A - Contacts and Project Description Fields	Complete?
Contact Information, fields 1 – 5 are complete	
Project Description, fields 6 - 8 are complete	
Safe Routes to School, fields 9-12 are complete (if applicable)	
PART B - Project Description	Complete?
Fields 1 - 11 (Project Description) are complete	
Fields 12– 14 (Transit and Access) are complete	
Fields 15 – 19 (Attractors and Demographics) are complete	
Fields 20 – 26 (Traffic, Environmental, ROW, and Utilities) are complete	
Fields 27 – 29 (Guidelines, Policies, and Plans) are complete	
Fields 30 – 33 (Maintenance and Performance Measurement) are complete	
PART C - Required Attachments	Complete?
Field 1 - Project map is provided in the printed application and the PDF application	
Field 2 - Up to 4 photos of existing conditions are provided in the printed application and the PDF application (two 4x6 per page).	
Field 3 - Cross-section(s) provided in the printed application and the PDF application.	
(OPTIONAL)- Up to 2 photos/renderings of the completed project are provided in the printed application and the PDF application.	
(OPTIONAL) - Crash report(s) are provided in the printed application and the PDF application	
(OPTIONAL) - GIS coverage (shapefile or geodatabase) is provided on the CD with the application.	
PART D - Cost Estimate Worksheet	Complete?
Sponsoring Agency, Project Title, and Application Date are complete	
Part A - Scoping is complete	
Part B - Final Preliminary Engineering Design is complete	
Part C - Right-of-Way Acquisition is complete	
Part D - Utility Relocation is complete	
Part E - Construction or Implementation is complete	
Parts F, G, and H - Costs are complete and accurate	
PART E - Total Project Schedule and Budget Including All Segment Fields	Complete?
Fields 1 – 6 are complete and costs are accurate	
Field 7 - 9 are complete	
Fields 10 – 13 Years are complete	
Fields 10 – 13 Local Funding Sources are complete	
Fields 10 – 13 Local Costs are complete and accurate	
Field 10 - 13 Federal Costs are complete and accurate	
Field 14 Total Costs are complete and accurate	
PART F - Signature and Checklist	Complete?
Entire checklist is completed.	
Form is signed by MAG member agency's manager/administrator or designated representative.	
Name, title and date fields under the signature are completed.	
(SAFE ROUTES TO SCHOOL PROJECTS ONLY) - Additional signatures and related name, date, and title are completed.	

SIGNATURE(S):

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

Signature:	
Name:	Alfonso L. Rodriguez
Title:	Community and Economic Division Director
Date:	10/21/2013