

# **Graham County Golf Course Road Shared-Use Path**



## **TRANSPORTATION ENHANCEMENT PROGRAM ROUND 18**

### **LOCAL PROJECT**

Contact:  
Will Wright, Community Development  
(928) 428-0410

## GRAHAM COUNTY COMPREHENSIVE SHARED-USE PATH SYSTEM

### Introduction

Graham County in collaboration with officials of the City of Safford and the Towns of Thatcher and Pima and along with representatives of the Arizona Department of Transportation (ADOT) conducted several Small Area Transportation Studies (SATS) that created a comprehensive Bicycle/Pedestrian Plan. These SATS listed transportation concerns from which plans were made and public discussion directed in identifying projects in order to construct a comprehensive shared-use path system. It is important to point out that these studies, not only spurred public discussion, but produced the comprehensive shared-use path system that each local government entity approved in their respective Council and Board meetings with public input.

### Project

Graham County's part of the comprehensive shared-use path system is vital to ensure connectivity to the path systems of both the City of Safford and the Town of Thatcher. This shared-use path project will consist of the following points:

- Path will be located on the north side of Golf Course Road from Thatcher's easterly town limits at Reay Lane to Safford's western corporate boundary on Golf Course Road;
- The project is 7,150 linear feet of ten foot wide improved path;
- Construction will be 4 inches of compacted aggregate base course (abc) with a cap of 2 inches of asphaltic concrete (ac) in accordance with ADOT's construction standards.

It takes considerable resolve to maintain the focus and the cooperation needed to keep all the agencies aligned and allocating the resources required for constructing such a comprehensive non-motorized path system over a long extended period of time. A comprehensive regional shared-use path system will benefit everyone as more residents will have a safe route to utilize for non-motorized travel. Additionally, there is health benefits associated with activities such as walking, jogging, bicycling, skating, et cetera, thereby encouraging exercise among all ages of residents of our region.

The addition of a safe, efficient shared- use path will allow residents to use non-motorized travel to get to work, school, shopping, medical appointments, et cetera, which change in travel will not only improve their health, but is considered a more environmentally friendly mode of transportation. For these reasons, Graham County respectfully requests ADOT for \$641,749 in revenues for a Transportation Enhancement Grant with a total cost of \$680,540 to fund this important section of this comprehensive shared-use path to be completed.

**TRANSPORTATION ENHANCEMENT APPLICATION  
APPLICANT INFORMATION**

<b>1. APPLICANT AND SPONSOR</b> (Must be ADOT if on ADOT right of way) <b>Graham County</b>		<b>1a. MPO / COG</b> <b>SEAGO</b>		<b>2. DATE</b> <b>June 7, 2010</b>	
<b>3. PROJECT NAME &amp; LIMITS</b> <b>Golf Course Road Shared-Use Path.</b> Project is located on Golf Course Road from Reay Lane in Thatcher running easterly to Safford City limits that are about ¼ mile west of 20 <sup>th</sup> Avenue.					
<b>4. Contact Person-Name and Title. For State project, provide ADOT District contact information here. Will Wright, Community Development Director</b>			<b>4a. Mailing Address</b> <b>921 Thatcher Blvd., Safford, AZ 85546</b>		
<b>4b. CITY</b> <b>Safford</b>		<b>4c. ZIP CODE</b> <b>85546-3133</b>	<b>5. COUNTY</b> <b>Graham</b>		<b>6. CONGRESSIONAL DISTRICT #1</b>
<b>4d. PHONE NO:</b>		<b>928-428-0410</b>			
<b>4e. FAX NO:</b>		<b>928-428-8825</b>			
<b>4f. EMAIL:</b> <a href="mailto:wwright@graham.az.gov">wwright@graham.az.gov</a>					
<b>7. ALTERNATE Contact-Name and Title. For State project, provide local entity contact information here.</b> <b>Michael Bryce, County Engineer</b>			<b>7b. PHONE NO:</b> <b>928-428-0410</b>		
<b>7a. Mailing Address:</b> <b>921 Thatcher Blvd.</b> <b>Safford, AZ 85546</b>			<b>7c. FAX NO:</b>		<b>928-428-8825</b>
			<b>7d. EMAIL:</b>		<b>mbryce@graham.az.gov</b>
<b>8. List eligible activity(ies) by number and title:</b>			<b>#1 Provision of facilities for pedestrians and bicycles with some landscaping #5</b>		
<b>9. List requested federal amount:</b> (Must match amount in cost estimate)			<b>\$641,749</b>		
<b>10. List total cost of project:</b> (scoping, design and construction including federal funds, and ADOT review fees) (Must match amount in cost estimate)			<b>\$680,540</b>		

**Please fill in all requested information for Items 1 through 10**

**CHECK ONE or TWO BOXES THAT APPLY**

**11. Circle primary activity in which you wish to be evaluated**

1.	<input checked="" type="checkbox"/>	<b>PROVISION OF FACILITIES FOR PEDESTRIANS AND BICYCLES.</b> This does not include typical construction elements of a roadway such as; travel lanes, traffic signals, crosswalks, etc.
2.	<input type="checkbox"/>	<b>PROVISION OF SAFETY AND EDUCATIONAL ACTIVITIES FOR PEDESTRIANS AND BICYCLISTS</b> Activities must have a broad and preferably regional target audience
	<input type="checkbox"/>	<b>ACQUISITION OF SCENIC EASEMENTS OR HISTORIC SITES – <i>NOT ELIGIBLE IN ARIZONA</i></b>
4.	<input type="checkbox"/>	<b>SCENIC OR HISTORIC HIGHWAY PROGRAMS (INCLUDING THE PROVISION OF TOURIST AND WELCOME CENTER FACILITIES)</b> ADOT does have in place a Parkways, Historic, and Scenic Roads Program. This program does have a separate grant program for projects on those routes that have been designated by the State/ADOT. <u>Must be on or within 2 miles of a State designated Scenic or Historic road.</u>
5.	<input checked="" type="checkbox"/>	<b>LANDSCAPING AND OTHER SCENIC BEAUTIFICATION</b> This is for primarily plant landscaping activities. You can include site furniture such as benches, trash receptacles, etc. Stand-alone public art is not considered scenic beautification. You can include some art as part of a project but it is not eligible as a separate category under Transportation Enhancements. Maintenance of landscaping does not qualify under this program.
6.	<input type="checkbox"/>	<b>HISTORIC PRESERVATION</b> Any work under this category must have a <b>strong surface</b> transportation link either past, present or future.
7.	<input type="checkbox"/>	<b>REHABILITATION OF HISTORIC TRANSPORTATION BUILDINGS, STRUCTURES, OR FACILITIES (INCLUDING HISTORIC RAILROAD FACILITIES AND BRIDGES)</b>
8.	<input type="checkbox"/>	<b>PRESERVATION OF ABANDONED RAILWAY CORRIDORS (INCLUDING THE CONVERSION AND USE THEREOF FOR PEDESTRIAN OR BICYCLE TRAILS)</b>
9.	<input type="checkbox"/>	<b>CONTROL AND REMOVAL OF OUTDOOR ADVERTISING</b>
10.	<input type="checkbox"/>	<b>ARCHEOLOGICAL PLANNING AND RESEARCH</b>
11.	<input type="checkbox"/>	<b>ENVIRONMENTAL MITIGATION TO ADDRESS WATER POLLUTION DUE TO HIGHWAY RUNOFF OR REDUCE VEHICLE-CAUSED WILDLIFE MORTALITY WHILE MAINTAINING HABITAT CONNECTIVITY</b>
12.	<input type="checkbox"/>	<b>ESTABLISHMENT OF TRANSPORTATION MUSEUMS</b> Please be aware that there are specific requirements for this category. Please contact your MPO, COG representative or ADOT TE Section staff for additional information.

**12. PROJECT SPECIFIC DESCRIPTION: LIST ALL KEY ELEMENTS OF THE PROJECT SCOPE. INCLUDE PROJECT CONCEPT, LENGTH, MILEPOSTS, NUMBER OF ACRES, etc. (e.g., construct .5 miles of 10 foot wide asphalt multi-use pathway along north side of X Rd)**

Word Count Maximum: 200

Graham County plans to construct a ten foot (10') wide asphalt shared-use path along the south side of Golf Course Road. The path will be 7,150 linear feet or 1.35 of a mile in length comprising about 8 acres of land. It will be constructed to ADOT standards of two inches asphaltic concrete (ac) over 4 inches of compacted aggregate base course (abc).

It is an important section of the County Comprehensive Path System because it connects the communities of Thatcher (the Daley Estates subdivision) where the golf course is located with essential services in the City of Safford, namely the hospital and medical services offices, vital shopping areas such as Wal-Mart, Home Depot, Walgreens, Safeway, et cetera. Additionally, the Safford High School is also located on 20<sup>th</sup> Avenue and Eastern Arizona College is just off Reay Lane in Thatcher.

This section of the County Comprehensive Path System essentially ties the shared-use path in Thatcher on Reay Lane with those on 20<sup>th</sup> Avenue in Safford. Both the communities of Thatcher and Safford have recently been awarded ADOT funding to build shared-use paths for pedestrians and bicyclists in this area. This project will tie these communities together through this comprehensive non-motorized path system.

**13. Describe the project. Please answer all questions.**

A.	Where is the project located? <ul style="list-style-type: none"> <li>• Describe actual physical location</li> <li>• Attach state and vicinity map in appendix</li> <li>• For State projects, include the route and beginning and ending mileposts</li> </ul>			
<p><b>This section of the comprehensive path system is located on Golf Course Road and will begin on the Safford's east city limits, which is 2,650 feet west of 20<sup>th</sup> Avenue, then runs about 7,150 feet westerly to Reay Lane to the Town of Thatcher (see map).</b></p>				
B.	Is the project on: Planned transportation corridor? <input type="checkbox"/> Corridor under construction? <input type="checkbox"/> Existing transportation corridor? <input checked="" type="checkbox"/>	YES <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>	NO <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	Estimated Completion Date: <b>March 2013 or 30 months</b> Scheduled Completion Date:
C.	What major construction, design, and right-of-way work does the project entail? Describe any need for major land modification, retaining walls, etc. and include in cost estimate.			
<p><b>The Graham County Engineering Department will provide the design work for this project. Construction consists of site preparation for the path with 2 inches of ac (asphaltic concrete) placed over 4 inches of compacted abc (aggregate base</b></p>				

	<b>course) per ADOT construction standards.</b>	
D.	Can the project be constructed entirely within the project right-of-way?	<b>Yes</b>
	Who owns the proposed project ROW?	<b>BLM</b>
	Are any private landowners involved? If so, list below.	<b>No</b>
	What percent of the project area is on ADOT ROW?	<b>None</b>
	<b>Golf Course Road has been used by the communities for over twenty (20) years, but remains under public land ownership. Graham County has applied to acquire the right-of-way from the BLM in order to continue to use this street as well as the proposed shared-use path.</b>	
E.	Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.	<b>Yes</b> <b>None</b>
	<b>There are a few minor washes located along this section of street that will need improvements for this proposed pathway. However, there are no potential Waters of the U.S.</b>	
F.	Are utility relocations necessary?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
G.	What is the proposed time frame for completion of the project?	
	<b>Upon approval from ADOT, this project will take about a year to acquire the right-of-way and the environmental clearances. The actual construction of the path will take about 18 months to complete for a total time of 2 ½ years from start to finish.</b>	
H.	Will the project be ADA accessible?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

**14. How will the project be maintained?** Prior to project construction, all projects will require a signed Joint Project Agreement (JPA) with the government sponsoring entity. If the project is a State project, the local government sponsor/applicant will be responsible for long term maintenance. If agreement is not signed the project will be terminated. The following information is required for completing the JPA. Please answer all questions listed by describing how the project will be maintained and repaired after completion.

A.	Organization(s) responsible for on-going maintenance and repairs of the TE project. <b>Graham County will assume ongoing maintenance of this shared-use path. Personnel in the County Highway Department, who already maintain the streets, roads surface and other facilities within the rights-of-way throughout the county will perform these duties.</b>
B.	Proposed on-going maintenance and repair program <b>Graham County staff already maintains the existing pavement section for this street and will assume all maintenance responsibilities for this path, including: 1) use of any seal coats; 2) any required reconstruction; and 3) upkeep of weeds and debris along this path for safety and aesthetic purposes.</b>
C.	Source of funds for on-going maintenance and repairs <b>The funding for roadway maintenance comes for the County’s Highway User Revenue Funds (HURF) augmented by General Fund revenues when needed, which funds would be utilized for the maintenance of this shared-use path.</b>

**15. If you are a local government, do you anticipate requesting self bid and administration based on the FHWA guidelines?** (See TE Handbook, revised 2008, for clarification - available at [www.adotenhancement.com](http://www.adotenhancement.com))

YES       NO

**16. Does the proposed project involve or is it adjacent to a historic property or historic district?**

YES       NO

**A. If yes, has the SHPO been allowed to review, comment and provide direction on the proposed project?"**

YES       NO

If so, please identify the specific designation(s) and limits and briefly describe why the proposed project qualifies. If this is a rail corridor project is the corridor "rail banked" or is the abandonment authorized by or proceeding before the Interstate Rail Commission?

Word Count Maximum: 100

N/A

**17. Describe how the community was or will be involved in this project.** Please include the following: Community involvement in the planning, scoping process, design process, or implementation. Is the project listed in any planning documents that had extensive public participation?

Word Count Maximum: 200

Graham County, in conjunction with the other three local communities, conducted a Regional Transportation Study 1998. This Study completed by Lima and Associates included a Bicycle Element that showed the alignment for a shared-use path.

The Study was presented at a number of public meetings with Graham County officials and the governing Councils of each of the three municipalities, namely the Town of Pima, Thatcher and the City of Safford. Each entity's presentation was held in public meetings giving the citizens throughout Graham County considerable input into this planning element, which plan was subsequently approved by each local government.

Additionally, the County with each of the incorporated community's, updated this shared-use path plan through a Small Area Transportation Study (SATS) which path system was again detailed as an element of that study. This path system almost exactly coincides with the earlier studies conducted and has been presented and fully supported by the citizenry of the county. This SATS conducted in 2008 was presented in both open house forums and public meetings wherein it was approved by the governing bodies of each local government in public meetings in the later part of 2008.

**18. Describe why the project is an enhancement** and how it relates to the transportation infrastructure of the community, region and/or state. Describe how this project will benefit the community and improve existing conditions. Why should this project be funded? (Answer all three parts in detail).

Word Count Maximum: 250

Graham County, in cooperation with the City of Safford and the Town of Thatcher, has worked to implement the comprehensive shared-use path system to enhance the quality of life by providing a safe, efficient pathway system for non-motorized travel throughout the county. This 1.35 mile section of the pathway will offer pedestrians, joggers, skaters and bicyclists a safe access to important centers throughout our communities.

The comprehensive shared-use path provides pedestrians and bicyclists a means that complements the communities existing transportation infrastructure. It offers the citizens an important transportation alternative that connects to existing paths to form a safe, efficient pathway system for non-motorized travel.

Non-motorized travel will have the added benefit of improving the health of those who utilize these paths as well as provide an alternative mode of travel that decreases the use of petro-fuels, thereby improving both the human and environmental health of our region. Connecting our communities with a shared-use path to key corridors and points throughout the community will increase the number of residents who will walk, jog and bicycle, thereby enhancing non-motorized travel in Graham County.



**19. Approval of Authorized Official (Sponsor)**

This project has the concurrence of the sponsoring agency, is consistent with the agency's plans and meets all of the basic criteria listed above, which are required by the state of Arizona's Transportation Enhancement Program. **State applications MUST be signed by the appropriate ADOT District Engineer.**

Sponsor Representative  
(Type in name and title)

**Drew John, Chairman of the Board of Supervisors**

Signature of Rep



Date Signed

**20. Local applications MUST have Endorsement of Metropolitan Planning Organization - Council of Governments, unless a statewide application.**

This project has been reviewed and endorsed by:

MPO or COG

**SouthEastern Arizona Governments Organization SEAGO**

Name and Title

**Sharon Mitchell, Transportation Planner**

Signature



Date Signed

**July 15, 2010**

**21. Cost Estimate review – include for State and Local projects.**

The project cost estimate included in this application has been reviewed by:

Organization

**Graham County**

Name and Title

**Michael Bryce, County Engineer**

Signature



Date Signed

**8/3/2010**

## ARIZONA TRANSPORTATION ENHANCEMENT PROGRAM ROUND 18 (2010) COST ESTIMATE

**IMPORTANT CONSIDERATIONS**

- List all items necessary to develop and construct or implement your project.
- The applicant is responsible for verifying all costs and their accuracy.
- Unit prices must be a reasonable representation of the work to be performed.
- The use of federal funds for project Scoping and Design is optional.
- All federal funds must have FHWA authorization prior to incurring any costs to be reimbursed.
- Funds paid for reimbursement of costs incurred shall be returned if project is not constructed.

**LOCAL PROJECTS:** The amount of federal funds requested for project scoping and design should not exceed 30% of the total amount of federal aid requested. Cost overruns will be the responsibility of the Local sponsoring agency.

**STATE PROJECTS:** To be eligible for State designation, the project must be on, adjacent to, or associated with the State Highway System, must be located on a minimum of 75% of ADOT right-of-way, and must have the signature and support of the appropriate ADOT District Engineer. State Projects shall not exceed \$1,000,000 in total project cost (including the State match) unless another source for the additional funding is available to cover the overage. The source of this additional funding shall be identified in the application submitted for the State project.

**NON-INFRASTRUCTURE PROJECTS (No ground disturbing activities):** Address only parts A.2 (Workplan), C.4 (Itemized Costs), D (ADOT Review Fee), E (Total Project Cost), and F (Funding Breakdown). ADOT will issue the environmental clearance memo base on the final project description defined in the sponsor's detailed Workplan.

<b>Enter values into GREEN CELLS.</b>	The program will automatically calculate the Totals and Federal Share at 94.3%, but manual overriding entries may be necessary where noted.
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ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
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**A. SCOPING - Stage 1 (15% Conceptual Design)**  
All projects must include these costs regardless if the application is for a State or Local project.  
(Non-infrastructure projects: Only #2 applies).

1. SITE TOPOGRAPHIC SURVEY (2%-5% of constr. cost) <i>(Enter \$0 in Unit Price column if none required)</i>	LS	1	\$15,000.00	\$15,000.00	\$14,145.00	\$855.00
2. PROJECT ASSESSMENT REPORT (infrastructure projects) or DETAILED WORKPLAN INCLUDING SCHEDULE AND COSTS (non-infrastructure projects) (About 5% of construction or implementation cost)	LS	1	\$21,000.00	\$21,000.00	\$19,803.00	\$1,197.00
3. ENVIRONMENTAL DETERMINATION for infrastructure projects, including technical supporting documents. (Anticipate \$20,000 to \$40,000)	LS	1	\$30,000.00	\$30,000.00	\$28,290.00	\$1,710.00
4. HAZARDOUS MATERIALS ASSESSMENT including heavy metals & asbestos <i>(If an assessment is necessary, about \$1,500. Enter \$0 in Unit Price column if none required)</i>	LS	1	\$0.00	\$0.00	\$0.00	\$0.00
<b>SUBTOTAL – PROJECT SCOPING COSTS</b>						
Federal funds for scoping are calculated at 94.3% of the total scoping cost. If requesting less than 94.3% federal funds, enter new total or 0 in the Federal column.				\$ 66,000	\$62,238	\$3,762

**B. DESIGN - Stages II, III, IV (30%, 60%, 95%-100% Preliminary Design) (Pre-engineering)**  
Not applicable to non-infrastructure projects. All infrastructure projects must include these costs regardless if the application is for a State or Local project. If federal funds are used for design, the project shall not advance beyond Stage II (30%) until it has received environmental clearance.

1. PS&E's - Plans, Special Provisions, Cost Estimates & Schedules. Anticipate 18%-20% of constr. costs.	LS	1	\$86,000.00	\$86,000.00	\$81,098.00	\$4,902.00
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ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
2. GEOTECHNICAL INVESTIGATION (If a report is necessary, about 5% of construction cost) Includes testing, Geotech Report, Materials & Pavement Design Report) <b>Enter \$0 in Unit Price column if none required.</b>	LS	1	\$21,000.00	\$21,000.00	\$19,803.00	\$1,197.00
3. DRAINAGE REPORT (If a report is necessary, about 5% of construction cost) <b>Enter \$0 in Unit Price column if none required)</b>	GG	1	\$21,000.00	\$21,000.00	\$19,803.00	\$1,197.00
4. STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, about 1% of construction cost) <b>Enter \$0 in Unit Price column if none required.</b>	LS	1	\$4,300.00	\$4,300.00	\$4,054.90	\$245.10
<b>SUBTOTAL – PROJECT DESIGN COSTS</b>						
Federal Funds for design are calculated at 94.3% of the total design cost. If requesting less than 94.3% Federal Funds for design, enter new total or 0 in the Federal column.				\$ 132,300	\$124,759	\$7,541
<b>C. CONSTRUCTION OR IMPLEMENTATION - Stage V</b>						
<b>For non-infrastructure projects (no ground disturbing activities), address only parts 4, D and F.</b>						
<b>1. SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>						
RIGHT-OF-WAY ACQUISITION (if necessary)	LS	1	\$42,000.00	\$42,000.00	\$39,606.00	\$2,394.00
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, about 5% of constr. costs) <b>Enter \$0 in Unit Price column if area of disturbance is less than one acre.</b>	LS	1	\$21,000.00	\$21,000.00	\$19,803.00	\$1,197.00
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1	\$10,500.00	\$10,500.00	\$9,901.50	\$598.50
<b>DEMOLITION</b>						
Sawcut	LF			\$0.00	\$0.00	\$0.00
Remove Structures and Obstructions	LS	1		\$0.00	\$0.00	\$0.00
Remove Fencing	LF	600	\$6.00	\$3,600.00	\$3,394.80	\$205.20
Remove Structural Concrete				\$0.00	\$0.00	\$0.00
Remove Asphaltic Concrete Pavement	CY			\$0.00	\$0.00	\$0.00
Remove Concrete Sidewalks, Slabs				\$0.00	\$0.00	\$0.00
HAZARDOUS MATERIALS ABATEMENT (If applicable; include heavy metals & asbestos; about 5% of construction cost) <b>Enter \$0 in Unit Price column if none required.</b>	LS	1		\$0.00	\$0.00	\$0.00
UTILITY RELOCATION. Only the cost of utilities needing relocation as a direct result of the enhancement project are eligible for federal reimbursement. Because of the costs involved, the undergrounding of overhead utilities is not eligible. <b>Enter \$0 in Unit Price column if none required.</b>	LS	1	\$20,000.00	\$20,000.00	\$18,860.00	\$1,140.00
RETAINING WALL (Concrete; SF of face above the footing)	SF			\$0.00	\$0.00	\$0.00
<b>EARTHWORK</b>						
General Excavation		1,500	\$30.00	\$45,000.00	\$42,435.00	\$2,565.00
Drainage Excavation		20	\$36.00	\$720.00	\$678.96	\$41.04
Structural Excavation	CY			\$0.00	\$0.00	\$0.00
Structural Backfill			\$0.00	\$0.00	\$0.00	\$0.00
Borrow (In Place)		0	\$0.00	\$0.00	\$0.00	\$0.00
CURB & GUTTER	LF			\$0.00	\$0.00	\$0.00
AGGREGATE BASE	CY	1,000	\$55.00	\$55,000.00	\$51,865.00	\$3,135.00
<b>PATHWAY OR SIDEWALK MATERIALS</b>						
Concrete				\$0.00	\$0.00	\$0.00
Colored Concrete	SF			\$0.00	\$0.00	\$0.00
Stamped Color Concrete				\$0.00	\$0.00	\$0.00

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
Precast Concrete Pavers				\$0.00	\$0.00	\$0.00
Asphaltic Concrete	Ton	900	\$110.00	\$99,000.00	\$93,357.00	\$5,643.00
Polymer or Resin Stabilized Surface	SF			\$0.00	\$0.00	\$0.00
<b>CROSSWALK ENHANCEMENT</b>						
Concrete Pavers				\$0.00	\$0.00	\$0.00
Stamped Asphalt				\$0.00	\$0.00	\$0.00
Stamped Concrete	SF			\$0.00	\$0.00	\$0.00
Concrete				\$0.00	\$0.00	\$0.00
Integral Color Concrete				\$0.00	\$0.00	\$0.00
PEDESTRIAN ADA RAMP	SF			\$0.00	\$0.00	\$0.00
CULVERT EXTENSIONS	LF	86	\$270.00	\$23,220.00	\$21,896.46	\$1,323.54
PEDESTRIAN LIGHTING (Includes conduit and trenching) Street lighting is not eligible for federal reimbursement.	Each			\$0.00	\$0.00	\$0.00
<b>HANDRAIL</b>						
Standard				\$0.00	\$0.00	\$0.00
Decorative	LF			\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - SITE ACQUISITION &amp; HARDSCAPE CONSTRUCTION</b>				<b>\$ 320,040</b>	<b>\$301,798</b>	<b>\$18,242</b>
<b>2. LANDSCAPING &amp; IRRIGATION ITEMS</b>						
TREES (Above 15 gallon in size as required per Local code or special design requirements)	Each			\$0.00	\$0.00	\$0.00
TREES (15 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
TREES (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
SHRUBS (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
SHRUBS (1 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
CACTUS (5 GALLON SIZE)	Each			\$0.00	\$0.00	\$0.00
<b>MULCH</b>						
Decomposed Granite				\$0.00	\$0.00	\$0.00
Organic	CY			\$0.00	\$0.00	\$0.00
TOPSOIL	CY			\$0.00	\$0.00	\$0.00
SEEDING	Acre			\$0.00	\$0.00	\$0.00
TURF SOD	SY			\$0.00	\$0.00	\$0.00
BOULDERS	Each			\$0.00	\$0.00	\$0.00
<b>IRRIGATION SYSTEM</b>						
Drip				\$0.00	\$0.00	\$0.00
Turf	SF			\$0.00	\$0.00	\$0.00
<b>SLEEVING FOR IRRIGATION SYSTEM</b>						
Directional Bore				\$0.00	\$0.00	\$0.00
Cut and Patch	LF			\$0.00	\$0.00	\$0.00
LANDSCAPE HEADER CURB	LF			\$0.00	\$0.00	\$0.00
LANDSCAPE ESTABLISHMENT (Typically about 4.5% of the cost of landscaping)	LS			\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - LANDSCAPING &amp; IRRIGATION ITEMS</b>				<b>\$ -</b>	<b>\$0</b>	<b>\$0</b>
<b>3. SITE FURNISHINGS</b>						
BENCHES	Each	4	\$600.00	\$2,400.00	\$2,263.20	\$136.80
SEATWALLS	LF			\$0.00	\$0.00	\$0.00
BIKE RACKS	Each			\$0.00	\$0.00	\$0.00
TRASH RECEPTACLES	Each	4	\$500.00	\$2,000.00	\$1,886.00	\$114.00
DRINKING FOUNTAINS	Each			\$0.00	\$0.00	\$0.00
SIGNAGE (Standard Traffic Control)	Each	6	\$150.00	\$900.00	\$848.70	\$51.30
TREE GRATES	Each			\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - SITE FURNISHINGS</b>				<b>\$ 5,300</b>	<b>\$4,998</b>	<b>\$302</b>
<b>4. OTHER CONSTRUCTION ITEMS. ALSO, ITEMIZED LINE ITEMS FOR NON-INFRASTRUCTURE PROJECTS.</b> (Insert additional rows if necessary)						
Crosswalk bollards		4	\$500.00	\$2,000.00	\$1,886.00	\$114.00

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
				\$0.00	\$0.00	\$0.00
<b>SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS</b>				\$ 2,000	\$1,886	\$114
<b>5. MOBILIZATION AND ADMINISTRATION COSTS</b>						
CONTRACTOR MOBILIZATION (Typically about 8% of construction cost)	LS	1	\$35,000.00	\$35,000.00	\$33,005.00	\$1,995.00
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$12,000.00	\$12,000.00	\$11,316.00	\$684.00
CONSTRUCTION SURVEY & LAYOUT (Typically about 1% of constr. cost)	LS	1	\$8,900.00	\$8,900.00	\$8,392.70	\$507.30
CONSTRUCTION CONTINGENCIES (Typically about 5% of constr. cost)	LS	1	\$21,000.00	\$21,000.00	\$19,803.00	\$1,197.00
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$78,000.00	\$78,000.00	\$73,554.00	\$4,446.00
<b>SUBTOTAL – MOBILIZATION &amp; ADMINISTRATION COSTS</b>				\$ 154,900	\$146,070.70	\$8,829.30
<b>TOTAL CONSTRUCTION OR IMPLEMENTATION COST (STAGE V)</b> (Enter this amount in Box A below.)				\$ 482,240	\$454,752.32	\$27,487.68
<b>D. ADOT REVIEW FEE</b> (Not applicable to State projects. Cannot be applied to the federal participation or the Local match. On Local Certification Acceptance or Self-administration projects, manually change the amount in the green cell to \$3,000. Change the amount to \$0 for State projects.)						
	LS	1	\$5,000.00	\$5,000.00	NO ENTRY	
<b>E. TOTAL PROJECT COST</b> (All subtotals + ADOT local projects review fee)				\$ 685,540	NO ENTRY	
<b>F. SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS</b> <b>Caution: Follow the instructions in the notes provided.</b>						
<b>TOTAL CONSTRUCTION OR IMPLEMENTATION COST (STAGE V) FROM THE ESTIMATE ABOVE. ALSO ADD IN THE TOTAL COST FOR SCOPING AND DESIGN (STAGES I THRU IV) IF REQUESTING FEDERAL FUNDS FOR REIMBURSEMENT OF THOSE COSTS.</b>					<b>BOX A</b>	\$ 680,540
<b>TOTAL FEDERAL FUNDS CAPPED @ 94.3%</b> (.943 x amount shown in Box A above). <i>Note: For Local projects, the maximum amount that can be requested is \$750,000 (\$943,000 for State projects). If the amount automatically calculated by this program exceeds the maximum amount allowed for a State or Local project, manually input the maximum allowed amount of federal funds.</i>					<b>BOX B</b>	\$ 641,749
<b>TOTAL SPONSOR MATCHING FUNDS</b> (.057 x cost shown in Box A above). <i>Note: The maximum amount that should be shown on this line is \$45,334 for Local projects (\$57,000 for State projects). If the amount automatically calculated by this program exceeds the appropriate amount for a State or Local project, manually input the appropriate amount.</i>					<b>BOX C</b>	\$ 38,791
<b>TOTAL ADDITIONAL FUNDS (OVERMATCH)</b> <i>Note: Enter the amount in Box A in excess, if any, of \$795,334 for Local projects or \$1,000,000 for State projects.</i>					<b>BOX D</b>	\$ 0
<b>TOTAL NON-FEDERAL FUNDS</b> <i>(Note: This is the sum of Box C and Box D).</i>					<b>BOX E</b>	\$ 38,791

**RESOLUTION 2010-07****A RESOLUTION OF THE BOARD OF SUPERVISORS OF THE COUNTY OF GRAHAM, ARIZONA TO SUBMIT AN APPLICATION TO THE STATE OF ARIZONA, DEPARTMENT OF TRANSPORTATION, FOR THE TRANSPORTATION ENHANCEMENT PROJECT FUNDS FOR THE CONSTRUCTION AND IMPROVEMENT OF A SHARED-USE PATH.**

**WHEREAS**, Graham County desires to construct a shared-use path using County and Federal funds for the safety and benefit of the residents of Graham County;

**WHEREAS**, the Arizona Department of Transportation has requested applications for funding of a Transportation Enhancement Project Grant;

**WHEREAS**, Graham County has sufficient funds to provide at least the required matching funds for the shared-use path and to maintain the completed path;

**WHEREAS**, Graham County has prepared an application for funding the Golf Course Road segment of the Graham County Comprehensive Shared-Use Path System and is requesting federal funds in the amount of \$641,749 with the County matching \$38,791;

**WHEREAS**, Graham County will commit to a 5.7% match and any overmatch;

**WHEREAS**, Graham County will commit that the project will be ready for advertisement in three years;

**WHEREAS**, Graham County will commit to pay for all cost overruns;

**WHEREAS**, Graham County will commit to reimburse ADOT/FHWA for all federal funds used, if the project is cancelled by the sponsor;

**WHEREAS**, Graham County will commit submitting funds for ADOT's review fee;

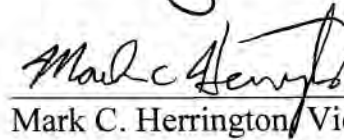
**WHEREAS**, Graham County will commit to a Joint Project Maintenance Agreement with ADOT; and

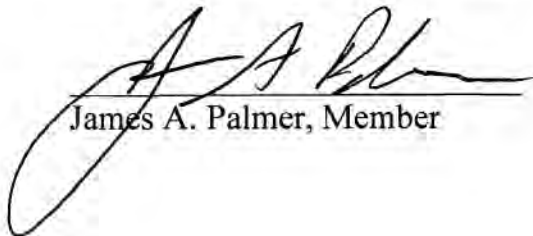
**NOW, THEREFORE, BE IT RESOLVED**, that the Graham County Board of Supervisors authorizes the County Manager to submit an application for funding to the State of Arizona, Department of Transportation, for federal funds in the amount of \$641,749 with the County matching amount of \$38,791 or for amounts in disclosed for Transportation Enhancement Project for the construction of the Graham County Shared-Use Path.

**PASSED, ADOPTED AND APPROVED** by the Graham County Board of Supervisors on the 17<sup>th</sup> day of May, 2010.


GRAHAM COUNTY BOARD OF SUPERVISORS

  
Drew John, Chairman

  
Mark C. Herrington, Vice-Chair

  
James A. Palmer, Member

ATTEST:

  
Terry Cooper, Clerk of the Board

APPROVED AS TO FORM:

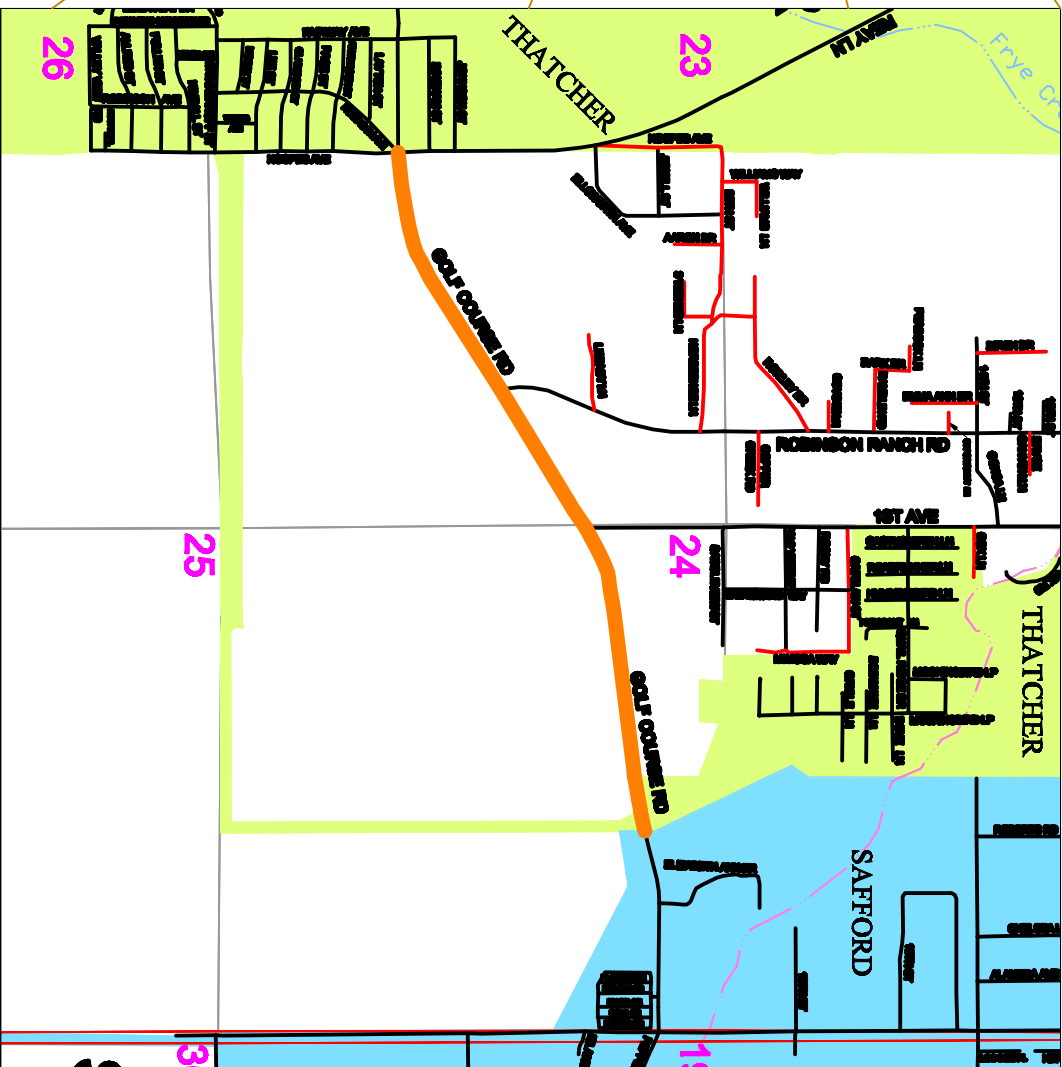
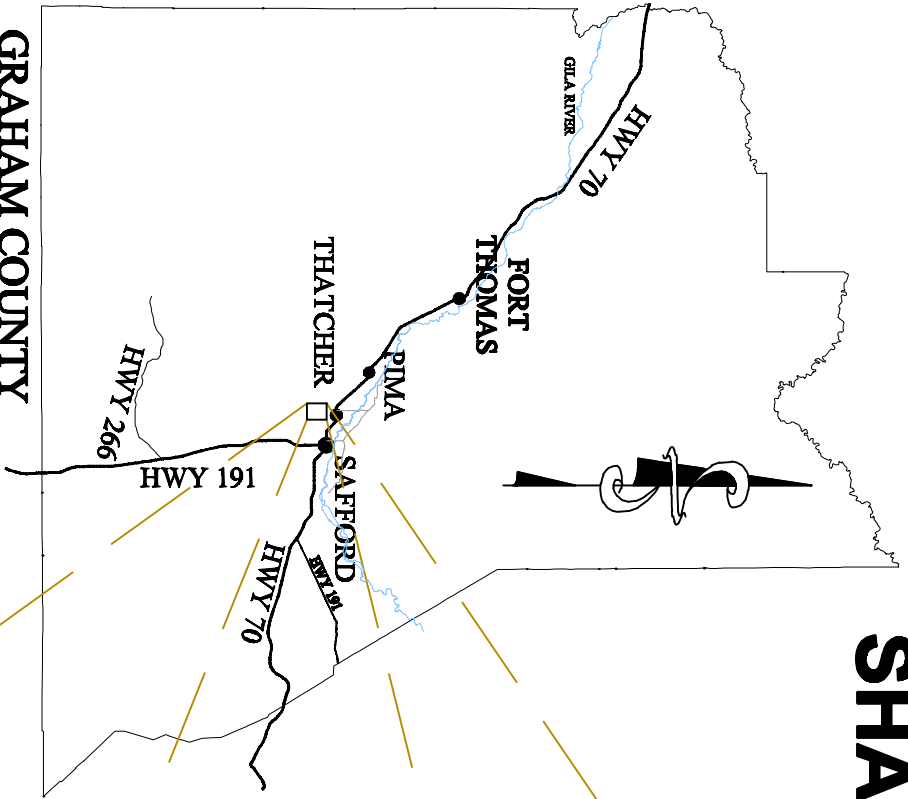
  
Kenneth A. Angle, County Attorney

# GOLF COURSE ROAD SHARED USE PATH VICINITY MAP

**DIRECTIONS TO PROJECT SITE**  
 From Highway 191: Turn west on  
 Discovery Park Blvd to 20th Ave. Turn  
 right (north) on 20th Ave to Golf Course  
 Rd. Turn left (west) on Golf Course Rd  
 to project site

From Highway 70: Turn south on  
 Reay Lane. Turn left (east) on Golf  
 Course Rd to project site.

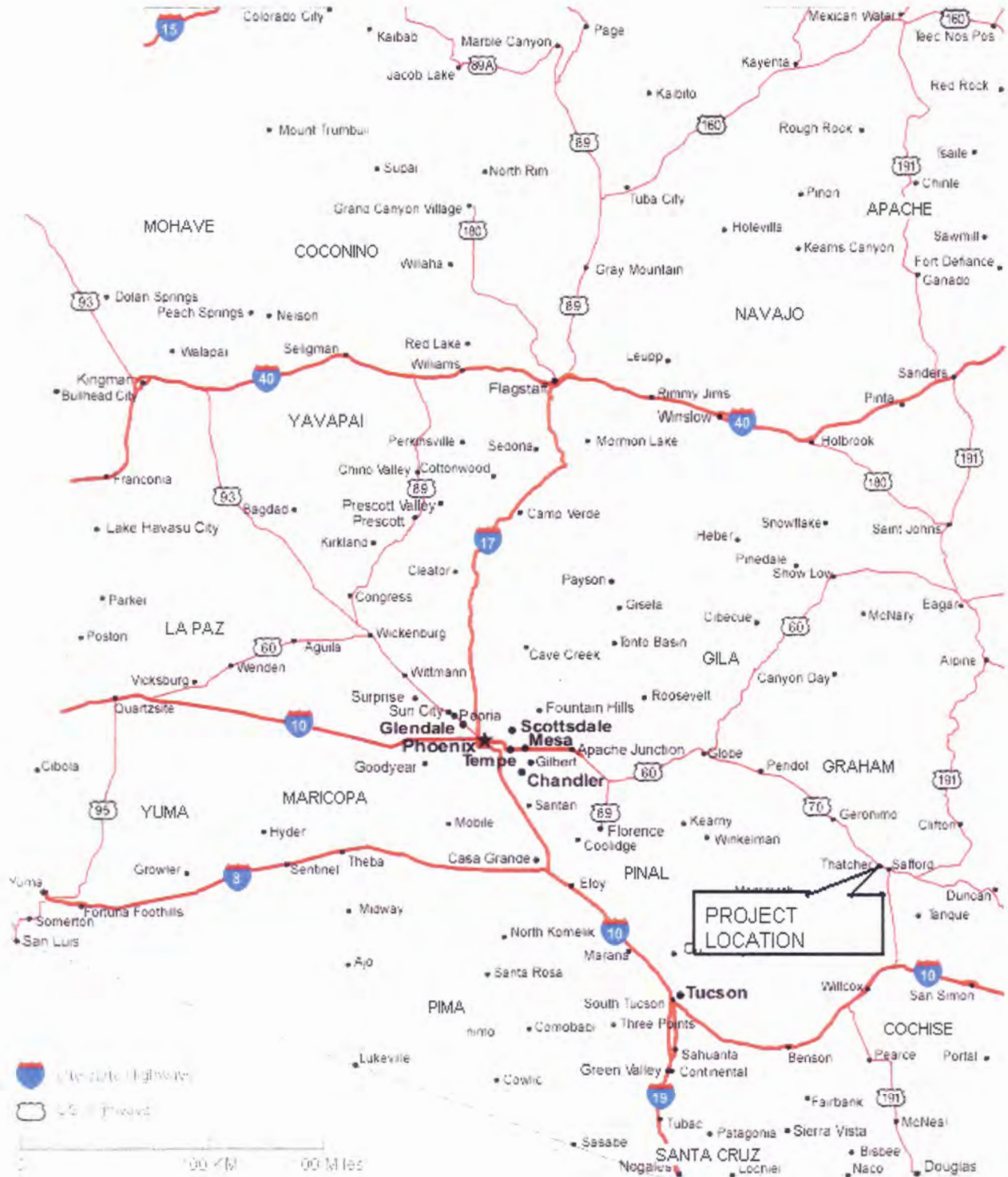
GRAHAM COUNTY  
ARIZONA



SCALE: 1" = 2000'



# STATE OF ARIZONA GRAHAM COUNTY





**Arizona Department of Transportation  
Intermodal Transportation Division**

206 South Seventeenth Avenue Phoenix, Arizona 85007-3213

Janice K. Brewer  
Governor

Floyd Roehrich Jr.  
State Engineer

John S. Halikowski  
Director

May 24, 2010

Mr. Will Wright  
Director, Planning & Zoning  
County of Graham  
921 Thatcher Boulevard  
Safford, Arizona 85546

**Re: Golf Course Road, Reay Lane to Discovery Park Boulevard Shared-Use Pathway  
Transportation Enhancement Project in Graham County  
Endorsement of Round 18 Application**

Dear Mr. Wright:

I am pleased to offer my endorsement for the proposed shared-use pathway along Golf Course Road from Reay Lane to Discovery Park Boulevard in Graham County under the Transportation Enhancement Program. This effort to provide bicycle and pedestrian mobility for its citizens is an indication of the County's vision of excellence.

I am a proponent of using these funds to provide sidewalk and pathway facilities set away from that portion of the highway used by motorists. This project is particularly notable as it will link similar features in the adjacent jurisdictions of Safford and Thatcher. It will benefit bicyclists and walkers of all ages by affording a safe connection to the many residences and businesses in the area.

I whole-heartedly support this application for Graham County and wish you much success with this proposed shared-use pathway project. Please contact me if I can be of further assistance.

Sincerely,

William D. Harmon, PE  
District Engineer

ADOT Safford District, 2082 East Hwy 70, Mail Drop S400, Safford, Arizona 85546  
Office 928-432-4919 Cell 928-651-1763 Email [bharmon@azdot.gov](mailto:bharmon@azdot.gov)

WH

Cc: Sharon Mitchell, Transportation Planner, SEAGO  
Tom Engel, ADOT Safford District Development & Maintenance Engineer  
Project File: Enhancements/Graham Cnty/Golf Course Rd Reay Ln to DPB Shared-Use Pathway



United States Department of the Interior  
BUREAU OF LAND MANAGEMENT



Safford Field Office  
711 14<sup>th</sup> Avenue  
Safford, Arizona 85546  
928-348-4400  
www.blm.gov/az

In Reply Refer To:  
8320(AZ-410)

July 30, 2010

Mr. Mark Herrington, Chairman of the Board  
Graham County  
921 W. Thatcher Boulevard  
Safford, AZ 85546

Re: Support letter for Golf Course Shared-Use Path Project

Dear Mr. Herrington:

I am writing this letter of support for the proposed shared-use path located on Golf Course Road for which you are applying to ADOT for Local Transportation Enhancement funding. We applaud the County for working with us and are aware that a portion of the shared-use path will cross public land managed by the BLM. We recognize the importance of this segment of shared-use path on Golf Course Road for community connectivity. This section will effectively tie the communities of Thatcher and Safford together with a path that offers an efficient, safe alternative for non-motorized travel.

We support this application and feel this pathway will be greatly utilized by the citizens of the county. It should further facilitate the safe, non-motorized transportation throughout our communities.

Sincerely,

Scott C. Cooke  
Field Office Manager



405 W. Discovery Park Blvd.  
Safford, Arizona 85546  
Phone: (928) 432-4082  
Fax: (928) 348-3150

May 12, 2010

Graham County  
921 W. Thatcher, Boulevard  
Safford, Arizona 85546

Attn: Mr. Will Wright

RE: Round 18, Shared Use-Path Application

Dear Mr. Wright

I am writing this letter to express our support of the proposed Shared-Use Path segment located on Golf Course Road for which you are applying for Local Transportation Enhancement funding. We applaud the County for applying for this project and realize the importance of the construction of this 10 foot wide pathway as it will connect two major Shared Use paths together to create non-motorized access from the East side of Safford to the West side of Thatcher, including the Eastern Arizona College.

The pathway will connect the Thatcher segment of pathways scheduled to be constructed within the next 36 months to Safford's Phase V Golf Course Road segment schedule to be constructed within the next 9 months. Graham County's segment, of which you are applying for, will create a much needed connection between Thatcher and Safford along with residential areas, Highway 70 and 191, Eastern Arizona College and both town's schools, parks and facilities. These are very exciting times as we work towards providing safe, non-motorized transportation for the citizens of Safford, Thatcher and Graham County. We support your application and feel this pathway will be utilized and enjoyed by the citizens for years to come!

Sincerely,

A handwritten signature in cursive script that reads "Ginaveve (Jenny) L. Howard". The signature is written in black ink and is positioned above the printed name and title.

Ginaveve (Jenny) L. Howard  
Projects Management Specialist

# THATCHER

HOME OF EASTERN ARIZONA COLLEGE

## TOWN OF THATCHER

PO BOX 670 - 3700 W. MAIN STREET - (928)428-2290 - FAX (928)428-7061 - TDD (800)367-8938

Town Engineer: Heath H. Brown, PE

May 12, 2010

Will Wright, Community Development Director  
Graham County  
921 West Thatcher Boulevard  
Safford, AZ 85546

Subject: Letter of Support for Graham County Enhancement Project

Dear Will:

The Town of Thatcher is very pleased to offer our support for your proposed Transportation Enhancement Project. The multi-use path along Golf Course Road will connect the City of Safford's path system to the dense community of Daley Estates in Thatcher. This will enable those citizens to safely commute by bike or foot to many important facilities in Town, including the hospital, schools, Wal-Mart and grocery shopping, and many other destinations.

If this project is successful in being funded and constructed, it will also serve to connect to the Town of Thatcher's multi-use path system, which in part connects from Daley Estates north to Hwy 70. This connection will provide access to destinations such as Eastern Arizona College, Town Hall, Thatcher schools and parks, and others. The Town of Thatcher was awarded a 2009 Enhancement Grant and are well on our way to beginning construction of this portion of our path system.

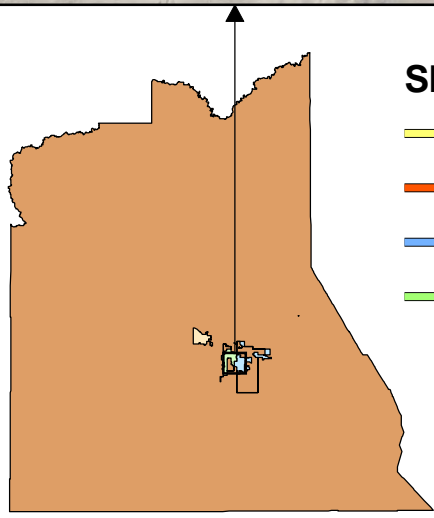
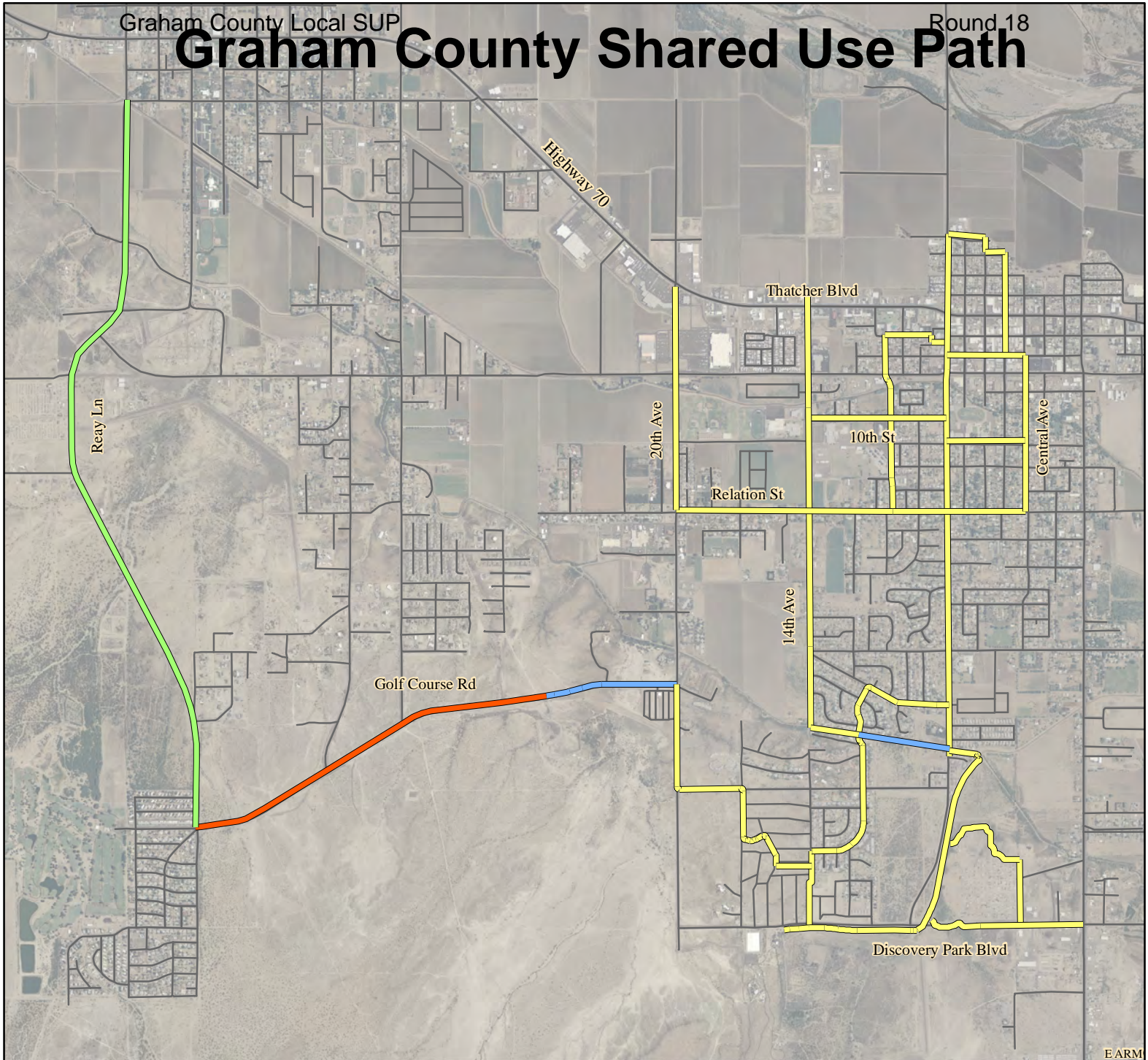
This is an exciting time for growth in our area which creates a need for additional transportation facilities. This project will go a long way to providing an important connection within the community. Thatcher strongly encourages SEAGO and ADOT to approve this project for funding.

Sincerely,







Heath H. Brown, PE  
Town Engineer  
(928) 428-2290  
[hbrown@graham.az.gov](mailto:hbrown@graham.az.gov)

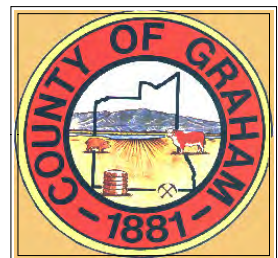
# Graham County Shared Use Path



## Shared Use Path

-  Completed Shared use Path & Sidewalks
-  County Proposed Path Round 18
-  Safford Approved Path Round 16
-  Thatcher Approved Path Round 17

Author:  
 Vince Buccellato  
 Graham County GIS  
 vbuccellato@graham.az.gov  
 (928)792-5047



### Graham County Shared-Use Path



*Graham County's shared-use path will connect to Safford's path along Golf Course Road at the city limits (shown here at the sign). This westerly view is digitally enhanced to show how the County and Safford's paths would tie together improving non-motorized travel in these communities.*

*This westerly view on Golf Course Road is about a mile east of Reay Lane and shows the shoulder of the street. This area is well-traveled by citizens connecting the communities encouraging non-motorized travel to important centers in the county.*



*This is the intersection of Golf Course Road and Reay Lane, which is where the County's proposed path will tie into Thatcher's path on Reay Lane. Thatcher is scheduled to start construction of this path next year. The comprehensive path system will allow safe non-motorized travel in these communities from the community college to important service centers in these communities.*

### Graham County Shared-Use Path



*This is Safford's shared-use path on 20<sup>th</sup> Avenue and shows how the County's path will be built adjacent to the road. Connectivity between Safford and Thatcher will provide a safe, efficient means for non-motorized travel to all citizens in Graham County.*

*This path in Safford shows how a path safely traverses a local road with signage and cross walk markings. It is a good depiction of how the County's path will safely serve the residents in the county.*



*Safford's path system already provides a safe, efficient, healthy alternative mode of travel for the citizens. Tying Thatcher's path into this extensive system will better serve residents so that they can access important education, retail and medical centers in the county.*