



AN APPLICATION FOR
**MAKING TRANSPORTATION
SAFE FOR EVERYONE**

**2010 TRANSPORTATION ENHANCEMENT GRANT ROUND 18
STATE APPLICATION**

**HIGHWAY 92 AND NACO HIGHWAY ACCESSIBILITY
BISBEE ARIZONA**

APPLICATION CONTACT
WILLIAM HARMON, ADOT SAFFORD DISTRICT ENGINEER
2082 U.S. HIGHWAY 70
SAFFORD AZ 85546
928.432.4919
bharmon@azdot.gov

SITE CONTACT
TOM KLIMEK, DEPUTY PUBLIC WORKS DIRECTOR
CITY OF BISBEE
118 ARIZONA STREET
BISBEE AZ 85603
520-249-5400
tklimek@cityofbisbee.com

**TRANSPORTATION ENHANCEMENT APPLICATION
APPLICANT INFORMATION**

1. APPLICANT AND SPONSOR Arizona Department of Transportation		1a. MPO / COG Southeastern Arizona Governments Organization (SEAGO)		2. DATE June 23, 2010	
3. PROJECT NAME & LIMITS "Highway 92 and Naco Highway Accessibility". From the Intersection of Highway 92 and Naco Highway proceeding east on Highway 92 to just east of Taylor Avenue. Also from the Intersection of Highway 92 and Naco Highway proceeding south on Naco Highway to just south of Collins Road in Bisbee, Arizona.					
4. Contact Person-Name and Title. William Harmon, Safford District Engineer			4a. Mailing Address 2082 US Hwy 70		
4b. CITY Safford		4c. ZIP CODE 85546	5. COUNTY Cochise		6. CONGRESSIONAL DISTRICT AZ Dist. 8
4d. PHONE NO:		928.432.4919			
4e. FAX NO:		928.428.7523			
4f. EMAIL:			bharmon@azdot.gov		
7. ALTERNATE Contact-Name and Title. Tom Klimek, Deputy Public Works Director, City of Bisbee			7b. PHONE NO:		520-249-5400
7a. Mailing Address: 118 Arizona Street, Bisbee AZ 85603			7c. FAX NO:		520-432-2642
			7d. EMAIL:		tklimek@cityofbisbee.com
8. List eligible activity(ies) by number and title:			#1 Provision of facilities for pedestrians and bicycles. #5 Landscaping and other scenic beautification.		
9. List requested federal amount: (Must match amount in cost estimate)			\$ 942,656.00		
10. List total cost of project: (scoping, design and construction including federal funds, and ADOT review fees) (Must match amount in cost estimate)			\$ 999,635.00		

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"/>	PROVISION OF FACILITIES FOR PEDESTRIANS AND BICYCLES. This does not include typical construction elements of a roadway such as; travel lanes, traffic signals, crosswalks, etc.
2.	<input type="checkbox"/>	PROVISION OF SAFETY AND EDUCATIONAL ACTIVITIES FOR PEDESTRIANS AND BICYCLISTS Activities must have a broad and preferably regional target audience
	<input type="checkbox"/>	ACQUISITION OF SCENIC EASEMENTS OR HISTORIC SITES – <i>NOT ELIGIBLE IN ARIZONA</i>
4.	<input type="checkbox"/>	SCENIC OR HISTORIC HIGHWAY PROGRAMS (INCLUDING THE PROVISION OF TOURIST AND WELCOME CENTER FACILITIES) 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"/>	LANDSCAPING AND OTHER SCENIC BEAUTIFICATION 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"/>	HISTORIC PRESERVATION Any work under this category must have a strong surface transportation link either past, present or future.
7.	<input type="checkbox"/>	REHABILITATION OF HISTORIC TRANSPORTATION BUILDINGS, STRUCTURES, OR FACILITIES (INCLUDING HISTORIC RAILROAD FACILITIES AND BRIDGES)
8.	<input type="checkbox"/>	PRESERVATION OF ABANDONED RAILWAY CORRIDORS (INCLUDING THE CONVERSION AND USE THEREOF FOR PEDESTRIAN OR BICYCLE TRAILS)
9.	<input type="checkbox"/>	CONTROL AND REMOVAL OF OUTDOOR ADVERTISING
10.	<input type="checkbox"/>	ARCHEOLOGICAL PLANNING AND RESEARCH
11.	<input type="checkbox"/>	ENVIRONMENTAL MITIGATION TO ADDRESS WATER POLLUTION DUE TO HIGHWAY RUNOFF OR REDUCE VEHICLE-CAUSED WILDLIFE MORTALITY WHILE MAINTAINING HABITAT CONNECTIVITY
12.	<input type="checkbox"/>	ESTABLISHMENT OF TRANSPORTATION MUSEUMS 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

Create an ADA accessible pathway for persons to safely reach Bisbee's only full size grocery, restaurants, banks, and general merchandise stores located near the intersection of Highway 92 and Naco Highway.

- Make the lighted intersection accessible from the northeast corner to the southeast corner, and from the southeast corner to the southwest corner.
- Construct six foot wide sidewalk on both sides of Highway 92 from the intersection of Highway 92 and Naco Highway, east to Taylor Ave (approx. 2,000' on the north side), and to the trailhead to Tintown, Briggs, and Warren (approx. 3,000' on the south side).
- Construct six foot wide sidewalk on the east side of Naco Highway from the intersection of 92 and Naco Highway, south to Collins Road (approx. 1,500' on the east side).
- Create curb cuts and reconstruct driveway entrances.
- Relocate roadway signage and reconstruct one small drainage culvert on the south side of Highway 92.
- Include native, low maintenance landscaping where possible.
- Include benches and trash receptacles where appropriate.

13. Describe the project. Please answer all questions.

A.	Where is the project located?			
	<ul style="list-style-type: none"> • Describe actual physical location • Attach state and vicinity map in appendix • For State projects, include the route and beginning and ending mileposts 			
	At the corner of Highway 92 and Naco Highway, in a section going east on 92 approximately .45 miles and in a section going south on Naco Highway approximately .25 miles. Project encompasses State Highway 92 from Mileposts 353.0 to 353.4			
B.	Is the project on:	YES	NO	Estimated Completion Date: Scheduled Completion Date:
	Planned transportation corridor?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Corridor under construction?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
	Existing transportation corridor?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
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.			
	Construction consists of the development of 6' sidewalks along both sides of Highway 92 from the intersection of Naco Highway to just east of Taylor Ave. There will be 27 driveway reconstructions and 10 street reconstructions that will provide access along the sidewalk.			
	Construction along Naco Highway consists of a 6' sidewalk on the east side of the street from Highway 92, south to Collins Road. There will be 9 driveway reconstructions and 1			

	street reconstruction that will provide access along the way. The intersection of Naco Highway and Highway 92 will require three ADA crossing ramps where none presently exist. Design work will include road width requirements so that sidewalks can be accommodated within the road right of way. Native landscape materials will be applied where possible and benches and trash receptacles will be placed where appropriate. Road rights of way are in place.	
D.	Can the project be constructed entirely within the project right-of-way? Who owns the proposed project ROW? Are any private landowners involved? If so, list below. What percent of the project area is on ADOT ROW?	Yes See below See below 77%
	ADOT owns ROW on Highway 92. City of Bisbee owns ROW on Naco Highway.	
E.	Are there drainage issues to consider? Describe any potential impacts to Waters of the U.S.	Yes
	One small culvert must be maintained when constructing the sidewalk. Culvert is located approximately 750' east of the intersection on the south side of the street.	
F.	Are utility relocations necessary?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
G.	What is the proposed time frame for completion of the project? Within three years of notice to proceed, the project will be put to bid based on ADOT schedule as a State project.	
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. City of Bisbee. Contact: Public Works Department, 118 Arizona Street, Bisbee AZ 85603
B.	Proposed on-going maintenance and repair program The sidewalks will be monitored and maintained as part of the regular streets and infrastructure maintenance program. Repairs will be scheduled as soon as possible after need is identified.
C.	Source of funds for on-going maintenance and repairs The sidewalk maintenance and repairs will be funded as part of the regular streets and infrastructure budget, which is funded by both HURF and General fund revenues.

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)

YES **NO This is a State Project**

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

No designations exist.

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

In February of 2008, the **City of Bisbee Disabilities Committee** included this very project as part of its annual recommendations to the Council. Their report calls for the enhancement of Highway 92 and Naco Highway with sidewalks, safe crossings, and ADA compliant access to accommodate alternative modes of transportation.

In May of 2008 the **San Jose Planning Charrette** engaged over 100 participants in a weeklong planning session for the San Jose district. The outcome of that plan included several references to the need for safe, efficient, multi-modal transportation networks that enhanced existing roadways with sidewalks, connected them to trails, and provided for access by those with disabilities.

Also in 2008, the **Safford District ADOT** office sent an engineer to review the project and determine the feasibility of enhancing the intersection and installing sidewalks that would allow safer access to the shopping center and area businesses. As a result of this review, members of the Bisbee Disabilities Committee, through its public meetings, determined that this process should remain a high priority and did so again in 2009.

Recommendations for improvements also are noted in the **City's General Plan**, which included a significant public planning process.

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

Describe why the project is an enhancement and how it relates to the transportation infrastructure of the community

This project **enhances** both highways because it goes beyond what transportation departments typically do, in that it includes the development of ADA accessible sidewalks in an area where neighborhoods and businesses abut both Highway 92 and Naco Highway.

The project's location and **relationship** to State Highway 92, a major transportation corridor that links Bisbee to Sierra Vista, is significant as it also is home to Bisbee's only full size supermarket, two banks, a number of restaurants, general merchandise stores, a hardware store now under construction, and social services. APS and Arizona Water have offices in the project area as well.

Describe how this project will benefit the community and improve existing conditions.

The **public will benefit** in that safe access will finally be available allowing residents to reach businesses and services without having to traverse a busy highway. Residents of one of Bisbee's poorest neighborhoods, Tintown, will have connectivity via an existing pathway that will, with this project, continue as a sidewalk from the eastern approach to the intersection. Residents of low income housing on Collins Street will have safe access from Naco Highway to shopping and services.

Why should this project be funded?

This **project should be funded** because current pedestrian traffic conditions are extremely unsafe, and the public has stated through numerous planning processes that it is a high priority project. The sidewalk will also enhance the roadway by providing a safe, and aesthetically pleasing pedestrian walkway to and from the traffic lighted crosswalks.

All of Bisbee's population will benefit from having safe pedestrian walkways to and from the only grocery store and shopping center in Bisbee.

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)

William Harmon, ADOT Safford District Engineer

Signature of Rep

William Harmon

Date Signed

23 Jun 10

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

Sharon Mitchell

Date Signed

June 23, 2010

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

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

Organization

ADOT Safford District

Name and Title

William Harmon, ADOT Safford District Engineer

Signature

William Harmon

Date Signed

23 Jun 10

**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.

Enter values into GREEN CELLS.	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	\$20,000.00	\$20,000.00	\$18,860.00	\$1,140.00
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	\$20,615.00	\$20,615.00	\$19,439.95	\$1,175.06
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	\$1,500.00	\$1,500.00	\$1,414.50	\$85.50
SUBTOTAL – PROJECT SCOPING COSTS						
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.				\$ 72,115	\$68,004	\$4,111

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	\$134,500.00	\$134,500.00	\$126,833.50	\$7,666.50
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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) Enter \$0 in Unit Price column if none required.	LS	1	\$11,300.00	\$11,300.00	\$10,655.90	\$644.10
3. DRAINAGE REPORT (If a report is necessary, about 5% of construction cost) Enter \$0 in Unit Price column if none required)	LS	1	\$22,000.00	\$22,000.00	\$20,746.00	\$1,254.00
4. STORM WATER POLLUTION PREVENTION PLAN (Required if there is over 1 acre of total disturbance, about 1% of construction cost) Enter \$0 in Unit Price column if none required.	LS	1	\$10,000.00	\$10,000.00	\$9,430.00	\$570.00
SUBTOTAL – PROJECT DESIGN COSTS						
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.				\$ 177,800	\$167,665	\$10,135
C. CONSTRUCTION OR IMPLEMENTATION - Stage V						
For non-infrastructure projects (no ground disturbing activities), address only parts 4, D and F.						
1. SITE ACQUISITION & HARDSCAPE CONSTRUCTION						
RIGHT-OF-WAY ACQUISITION (if necessary)	LS	1	\$0.00	\$0.00	\$0.00	\$0.00
INSTALLATION OF STORMWATER POLLUTION PREVENTION MEASURES (If over 1 acre of disturbance, about 5% of constr. costs) Enter \$0 in Unit Price column if area of disturbance is less than one acre.	LS	1	\$0.00	\$0.00	\$0.00	\$0.00
SITE PREPARATION (Clearing and grubbing, plant salvage)	LS	1	\$62,720.00	\$62,720.00	\$59,144.96	\$3,575.04
DEMOLITION						
Sawcut	LF	1,400	\$2.50	\$3,500.00	\$3,300.50	\$199.50
Remove Structures and Obstructions	LS	1	\$10,000.00	\$10,000.00	\$9,430.00	\$570.00
Remove Fencing	LF	1,429	\$3.50	\$5,001.50	\$4,716.41	\$285.09
Remove Structural Concrete		222	\$45.00	\$9,990.00	\$9,420.57	\$569.43
Remove Asphaltic Concrete Pavement	CY	156	\$45.00	\$7,020.00	\$6,619.86	\$400.14
Remove Concrete Sidewalks, Slabs		1	\$0.00	\$0.00	\$0.00	\$0.00
HAZARDOUS MATERIALS ABATEMENT (If applicable; include heavy metals & asbestos; about 5% of construction cost) Enter \$0 in Unit Price column if none required.	LS	0	\$0.00	\$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. Enter \$0 in Unit Price column if none required.	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	\$0.00
EARTHWORK						
General Excavation		2,500	\$10.00	\$25,000.00	\$23,575.00	\$1,425.00
Drainage Excavation		0	\$0.00	\$0.00	\$0.00	\$0.00
Structural Excavation	CY	0	\$0.00	\$0.00	\$0.00	\$0.00
Structural Backfill		200	\$25.00	\$5,000.00	\$4,715.00	\$285.00
Borrow (In Place)		3,333	\$15.00	\$49,995.00	\$47,145.29	\$2,849.72
CURB & GUTTER	LF	333	\$15.00	\$4,995.00	\$4,710.29	\$284.72
AGGREGATE BASE	CY	1,200	\$25.00	\$30,000.00	\$28,290.00	\$1,710.00
PATHWAY OR SIDEWALK MATERIALS						
Concrete		37,700	\$5.50	\$207,350.00	\$195,531.05	\$11,818.95
Colored Concrete	SF	0	\$0.00	\$0.00	\$0.00	\$0.00

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
Stamped Color Concrete		0	\$0.00	\$0.00	\$0.00	\$0.00
Precast Concrete Pavers		0	\$0.00	\$0.00	\$0.00	\$0.00
Asphaltic Concrete	Ton	64	\$90.00	\$5,760.00	\$5,431.68	\$328.32
Polymer or Resin Stabilized Surface	SF	0	\$0.00	\$0.00	\$0.00	\$0.00
CROSSWALK ENHANCEMENT						
Concrete Pavers		0	\$0.00	\$0.00	\$0.00	\$0.00
Stamped Asphalt		0	\$0.00	\$0.00	\$0.00	\$0.00
Stamped Concrete	SF	0	\$0.00	\$0.00	\$0.00	\$0.00
Concrete		0	\$0.00	\$0.00	\$0.00	\$0.00
Integral Color Concrete		0	\$0.00	\$0.00	\$0.00	\$0.00
PEDESTRIAN ADA RAMP	SF	5,650	\$6.00	\$33,900.00	\$31,967.70	\$1,932.30
CULVERT EXTENSIONS	LF	250	\$40.00	\$10,000.00	\$9,430.00	\$570.00
PEDESTRIAN LIGHTING (Includes conduit and trenching) Street lighting is not eligible for federal reimbursement.	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
HANDRAIL						
Standard		0	\$0.00	\$0.00	\$0.00	\$0.00
Decorative	LF	0	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL - SITE ACQUISITION & HARDSCAPE CONSTRUCTION				\$ 490,232	\$462,288	\$27,943
2. LANDSCAPING & IRRIGATION ITEMS						
TREES (Above 15 gallon in size as required per Local code or special design requirements)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
TREES (15 GALLON SIZE)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
TREES (5 GALLON SIZE)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
SHRUBS (5 GALLON SIZE)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
SHRUBS (1 GALLON SIZE)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
CACTUS (5 GALLON SIZE)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
MULCH						
Decomposed Granite		200	\$50.00	\$10,000.00	\$9,430.00	\$570.00
Organic	CY	0	\$0.00	\$0.00	\$0.00	\$0.00
TOPSOIL	CY	635	\$35.00	\$22,225.00	\$20,958.18	\$1,266.83
SEEDING	Acre	2	\$4,356.00	\$10,018.80	\$9,447.73	\$571.07
TURF SOD	SY	0	\$0.00	\$0.00	\$0.00	\$0.00
BOULDERS	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
IRRIGATION SYSTEM						
Drip		0	\$0.00	\$0.00	\$0.00	\$0.00
Turf	SF	0	\$0.00	\$0.00	\$0.00	\$0.00
SLEEVING FOR IRRIGATION SYSTEM						
Directional Bore		0	\$0.00	\$0.00	\$0.00	\$0.00
Cut and Patch	LF	0	\$0.00	\$0.00	\$0.00	\$0.00
LANDSCAPE HEADER CURB	LF	0	\$0.00	\$0.00	\$0.00	\$0.00
LANDSCAPE ESTABLISHMENT (Typically about 4.5% of the cost of landscaping)	LS	0	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL - LANDSCAPING & IRRIGATION ITEMS				\$ 42,244	\$39,836	\$2,408
3. SITE FURNISHINGS						
BENCHES	Each	2	\$800.00	\$1,600.00	\$1,508.80	\$91.20
SEATWALLS	LF	0	\$0.00	\$0.00	\$0.00	\$0.00
BIKE RACKS	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
TRASH RECEPTACLES	Each	2	\$200.00	\$400.00	\$377.20	\$22.80
DRINKING FOUNTAINS	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
SIGNAGE (Standard Traffic Control)	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
TREE GRATES	Each	0	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL - SITE FURNISHINGS				\$ 2,000	\$1,886	\$114

ITEM DESCRIPTION	UNIT	QUAN.	UNIT PRICE	TOTAL	FEDERAL TE FUNDS @ 94.3%	SPONSOR MATCHING FUNDS @ 5.7%
4. OTHER CONSTRUCTION ITEMS. ALSO, ITEMIZED LINE ITEMS FOR NON-INFRASTRUCTURE PROJECTS. (Insert additional rows if necessary)						
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
		0	\$0.00	\$0.00	\$0.00	\$0.00
SUBTOTAL - OTHER CONSTRUCTION LINE ITEMS				\$ -	\$0	\$0
5. MOBILIZATION AND ADMINISTRATION COSTS						
CONTRACTOR MOBILIZATION (Typically about 8% of construction cost)	LS	1	\$43,050.00	\$43,050.00	\$40,596.15	\$2,453.85
TRAFFIC CONTROL (0-8% of construction cost)	LS	1	\$43,050.00	\$43,050.00	\$40,596.15	\$2,453.85
CONSTRUCTION SURVEY & LAYOUT (Typically about 1% of constr. cost)	LS	1	\$5,380.00	\$5,380.00	\$5,073.34	\$306.66
CONSTRUCTION CONTINGENCIES (Typically about 5% of constr. cost)	LS	1	\$26,900.00	\$26,900.00	\$25,366.70	\$1,533.30
CONSTRUCTION ADMINISTRATION (Averaging 18% of construction cost)	LS	1	\$96,865.00	\$96,865.00	\$91,343.70	\$5,521.31
SUBTOTAL - MOBILIZATION & ADMINISTRATION COSTS				\$ 215,245	\$202,976.04	\$12,268.97
TOTAL CONSTRUCTION OR IMPLEMENTATION COST (STAGE V) (Enter this amount in Box A below.)				\$ 749,720	\$706,986.24	\$42,734.06
D. ADOT REVIEW FEE (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	0	\$0.00	\$0.00	NO ENTRY	
E. TOTAL PROJECT COST (All <u>subtotals</u> + ADOT local projects review fee)				\$ 999,635	NO ENTRY	
F. SUMMARY OF FEDERAL AND NON-FEDERAL FUNDS Caution: Follow the instructions in the notes provided.						
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.					BOX A	\$ 999,635
TOTAL FEDERAL FUNDS CAPPED @ 94.3% (.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>					BOX B	\$ 942,656
TOTAL SPONSOR MATCHING FUNDS (.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>					BOX C	\$ 56,979
TOTAL ADDITIONAL FUNDS (OVERMATCH) <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>					BOX D	\$ -
TOTAL NON-FEDERAL FUNDS <i>(Note: This is the sum of Box C and Box D).</i>					BOX E	\$ 56,979

RESOLUTION R-10-07

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF BISBEE, COUNTY OF COCHISE, STATE OF ARIZONA, SUPPORTING THE APPLICATION FOR A TRANSPORTATION ENHANCEMENT GRANT ON BEHALF OF THE STATE OF ARIZONA TO SUPPORT THE EFFORT TO PROVIDE IMPROVEMENTS TO THE INTERSECTION OF NACO HIGHWAY AND STATE HIGHWAY 92.

WHEREAS, the Mayor and Council support enhancement of the quality of life for City residents and visitors; and

WHEREAS, the Transportation Enhancement application is for improvements to the intersection of Naco Highway and State Highway 92, which improvements will include making this vital intersection handicapped accessible, installing sidewalks east of the intersection to just past Taylor Avenue on both sides, and installing sidewalks going south on Naco Highway to just south of Collins Road; and

WHEREAS, the Bisbee Disabilities Committee has placed safety improvements to the intersection of Naco Highway and Highway 92 as a top priority; and

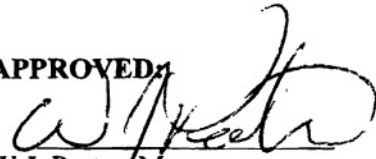
WHEREAS, the intersection of Naco Highway and Highway 92 is a vital travelled commercial corridor, and a gateway to Mexico; and

WHEREAS, if funded, the Arizona Department of Transportation will be the sponsor of the project and pay the matching funds; and

WHEREAS, the City of Bisbee accepts the responsibility for continued maintenance of this project;


NOW, THEREFORE, BE IT RESOLVED that the Mayor and Council of the City of Bisbee hereby support the application for a Transportation Enhancement Grant on behalf of the State of Arizona for improvements to the intersection of Naco Highway and State Highway 92.

PASSED, APPROVED AND ADOPTED by the Mayor and Council of the City of Bisbee, County of Cochise, State of Arizona, this 1st day of June, 2010.

APPROVED:

W.J. Porter, Mayor

ATTEST:

Gloria P. Gonzalez, Interim City Clerk

APPROVED AS TO FORM:

Mark J. Langlitz, City Attorney



**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

June 23, 2010

Melanie Greene
Grant Coordinator
City of Bisbee
118 Arizona Street
Bisbee, Arizona 85603

**Re: SR92 Naco Road Intersection & Vicinity
Sidewalk & ADA Accessibility Improvements in the City of Bisbee
Endorsement for Round 18 Application**

Dear Ms. Greene:

I am pleased and excited to offer my support for the proposed sidewalk and ADA accessibility improvement project in the vicinity of the SR92 Naco Road intersection that the City of Bisbee is seeking under the Transportation Enhancement program. This much needed project will provide safe connectivity between area residents and important commercial destinations at an important crossroad.

I am a proponent of using these funds to assist smaller communities with limited resources to provide facilities for pedestrians that otherwise could not be constructed. The project will benefit all citizens of this Bisbee neighborhood but especially school age children, the elderly, and the disabled who now have to walk along the highway or on dirt paths. SR92 in this area is busy with international traffic from the Naco port-of-entry, law enforcement, traffic generated from the near by mine, as well as travelers going to and from surrounding communities. The sidewalks and ADA ramps will not only improve pedestrian connectivity and safety but promote better traffic operations on the roadway as well.

I sincerely support and fully endorse this application for the City of Bisbee and wish you much success with this proposed project. If you have any questions or comments, please contact me at your convenience.

Sincerely,

William D. Harmon, PE
District Engineer

ADOT Safford District, 2082 East Hwy 70, Safford, Arizona 85546
Office 928-432-4919 Fax 928-428-7523 Cell 928-651-1763 Email bharmon@azdot.gov

Cc: Sharon Mitchell, Transportation Planner, SEAGO
Project File: Enhancements/SR92 Naco Rd Vicinity Sidewalk & ADA Improvements

Vicinity Map



Bisbee is located in southeastern Arizona in Cochise County. From Phoenix and Tucson, take I-10 south to Highway 80 Benson Exit.

Take Highway 80 to the Bisbee Traffic Circle and exit the circle on Highway 92. Take Highway 92 to Naco Highway.

The project begins at Highway 92 and Naco Highway and proceeds east on 92 to Taylor Ave. and South on Naco Highway to Collins Road.



Telephone: (520) 432-9300
Fax: (520) 432-9337
Fax: (520) 432-9338
Toll Free: 1-800-752-3745

COCHISE COUNTY
COMMUNITY DEVELOPMENT DEPARTMENT
Highway and Floodplain



1415 MELODY LANE, BLDG. F
BISBEE, AZ 85603
Public Service, Personal Service: www.cochise.az.gov

May 13, 2010

Mr. Bill Harmon
District Engineer
ADOT Safford District
2082 E. Hwy 70
Safford, AZ 85546-0711

Re: **Sidewalk Project in the City of Bisbee**
Endorsement of TE Round 18 Application

Dear Mr. Harmon:

It gives me great pleasure to offer my support for the City of Bisbee's Transportation Enhancement proposal for a proposed sidewalk project for the SR 92 and Naco Highway intersection. This intersection is a major travel corridor connecting unincorporated county areas, like the community in Naco, to Bisbee services and business. Any enhancements along this corridor would be enjoyed by both residents and visitors.

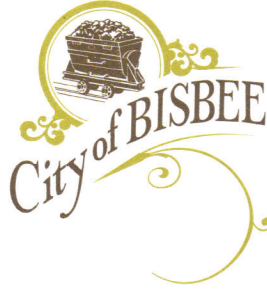
Certainly, the area identified for sidewalks in Bisbee's enhancement proposal is already a well used pedestrian corridor. Their proposed sidewalk location connects to a vital commercial area in Bisbee where businesses, restaurants and services are located. The proposed handicapped accessible pedestrian pathway to the Safeway plaza site will also be a welcomed improvement.

Thank you for your continued support of enhancement projects throughout the Safford District and especially those within Cochise County. I look forward to seeing Bisbee's proposal to improve the safety and appearance of SR 92 and Naco highway area implemented in the near future.

Sincerely,

Benny J. Young, P.E.
Community Development Director

cc: Ms. Melanie Greene, Grant Writer
Ms. Sharon Mitchell, SEAGO Transportation Planner
Mayor W.J. Porter, City of Bisbee
Stephen Pauken, Bisbee City Manager
Russell McConnell, Public Works Director
Tom Klimek, Deputy Public Works Director
John Charley, Community Development Director



May 14, 2010

Mr. Bill Harmon
District Engineer
ADOT Safford District

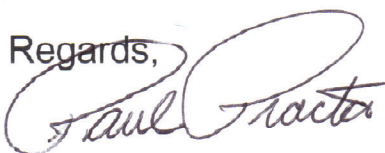
Re: Enhancement proposal SR 92 and Naco Highway

Dear Mr. Harmon,

The City of Bisbee's Disabilities Committee is pleased to give a letter of support for the Transportation Enhancement proposal for a sidewalk project at the intersection of SR 92 and Naco Highway. This intersection is in great need of enhancements, and connects to the largest grocery store in the area, and is the location of one of Bisbee's busiest bus stops. It is also one of the most difficult and unsafe intersections to cross.

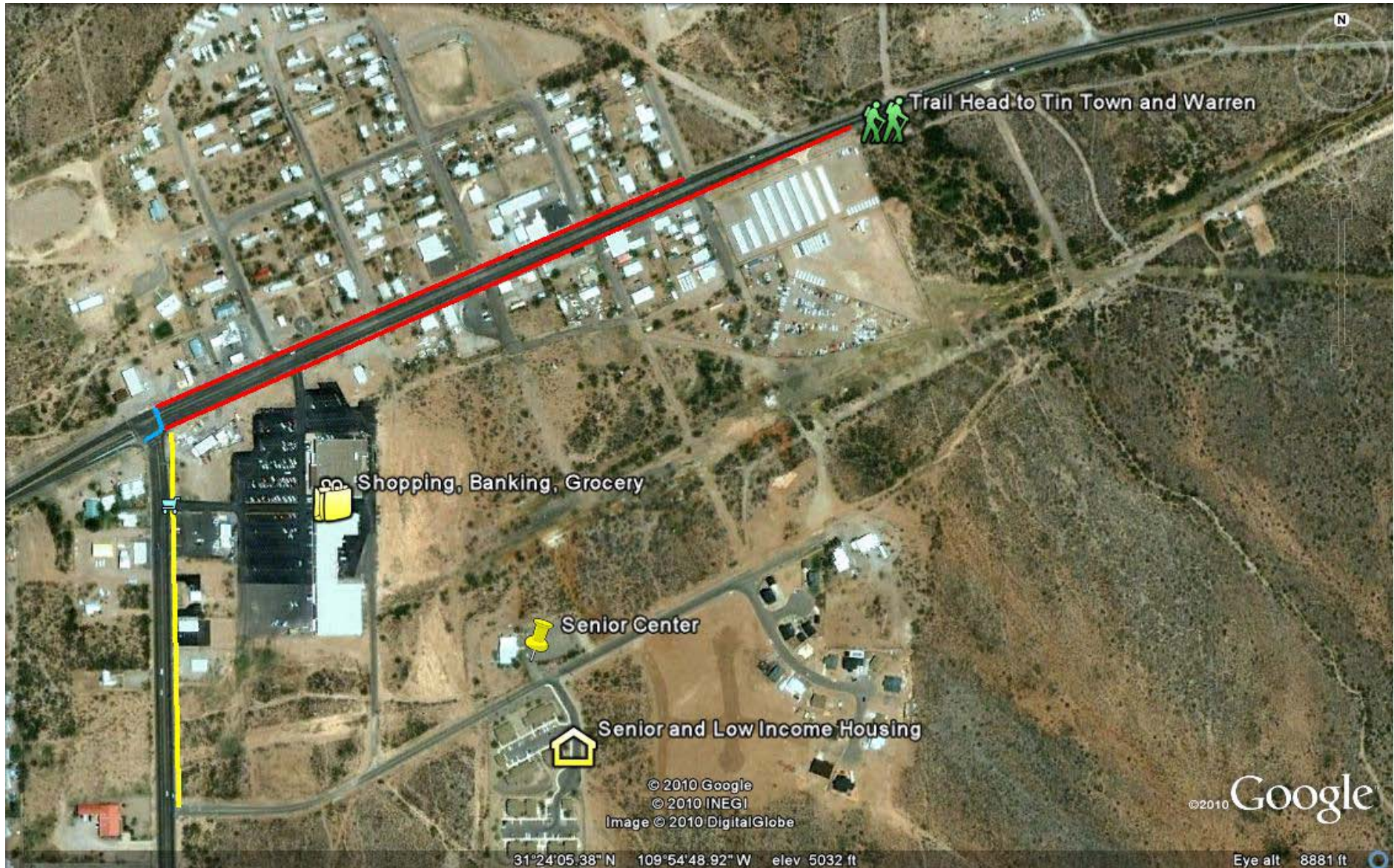
This intersection has been one that the Disabilities Committee has placed on its list of priorities and considers it a dangerous crossing. We strongly endorse this project, and look forward to making crossing this intersection safer for those whom are handicapped.

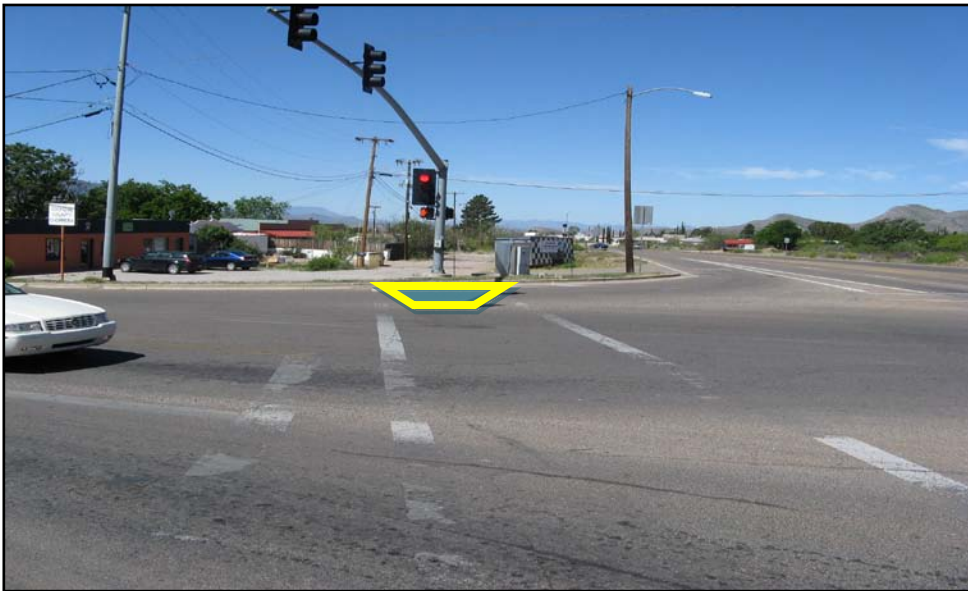
Please don't hesitate to contact me or the Disabilities Committee with and questions or comments you may have. We would like to again let you know that the Disabilities Committee of the City of Bisbee strongly supports this project.

Regards,


Paul Proctor, Chair
City of Bisbee Disabilities Committee

SITE PLAN - SIDEWALKS ON HWY 92 IN **RED**, SIDEWALK ON NACO HWY IN **YELLOW**, CROSSWALKS IN **BLUE** ALL SIDEWALKS TO BE 6' TO ACCOMMODATE NARROW RIGHT OF WAY AND EXISTING BUILDINGS AS THEY ARE POSITIONED ON THE STREET.





Intersection of Hwy 92 and Naco Hwy. Photo looking at Hwy 92 going west.

Each corner has cross walks with no accessibility and no sidewalks.

South, (left) is entrance to shopping and services.



Looking south from intersection.

East side of Naco Highway, along Safeway Plaza entry.

No access to businesses except by vehicle.



Naco Highway looking south from intersection with Highway 92

No crosswalk and no sidewalk

Project proposes sidewalk on east side for .25 miles.



Looking east on Highway 92 from intersection. Some buildings on southside are within 10' feet of curb and closer in some places. Buildings on northside are the same.

No sidewalks on either side.



Looking west toward intersection of Highway 92 and Naco Highway. Safeway entrance on left at top of picture. Speed limit 45.

Three people in wheel chairs live in the neighborhood across the street.



Looking east on Highway 92 from intersection traffic light pole. Path in front of business then landscaping forces walkers back on the road.

Project proposes sidewalks on both sides for .45 miles.

Summary

OVERALL PROJECT CONSIDERATIONS

Multiple Objectives/activity

This Project addresses multiple objectives/activity areas in both the Facilities for Pedestrians and Bicycles and Landscape Beautification

Relation to existing transportation infrastructure:

The project is related to existing transportation infrastructure in that sidewalks will be constructed adjacent to State Highway 92 and Naco Highway.

Connectivity between transportation modes/multi-modal

This project connects proposed sidewalks to existing trail systems and neighborhood paths. It also connects pedestrians to the transit system by allowing safe access to transit stop(s).

Plan implementation works within existing transportation plans

This project is in response to three different community driven transportation plans: The San Jose Charrette, the Committee on Disabilities Recommendations to Council, and the General Plan.

Natural resource availability awareness or protection enhanced

Natural resources are protected with this project.

Does project have historic or scenic designations?

This project has not historic or scenic designations, however, the highways affected are routes used to access nearby historic Bisbee. Highway 92 is considered a gateway into Bisbee and is used by thousands of tourists each year.

PROJECT NEED AND IMMEDIACY

This application is a state project that requires immediate attention as the area poses a severe safety threat for pedestrians in the area. A number of wheelchair bound residents in the adjacent neighborhoods have no safe access to the only grocery store and must cross 5 lanes of traffic without benefit of crosswalks or sidewalks.

PROJECT MAINTENANCE

The City of Bisbee will maintain the sidewalks on both Highway 92 and Naco Highway. A resolution indicating this commitment is included in the application. Project maintenance will become part of the annual infrastructure maintenance and repair program within Public Works. Funds to support the maintenance and repair will come from the Department's Streets division.

COST EFFECTIVENESS / REASONABLE COST

This project entails the construction of six foot sidewalks, curb cuts, and driveway reconstructions. It also includes making the intersection of two highways ADA accessible. The cost effectiveness is high in that design will be straight forward with little or no trouble areas. Rights of way are in order. Costs are reasonable in that materials and labor are expected to be within the norms for this area.

COMMUNITY INVOLVEMENT

The community has played a major role in putting this plan forward as a community priority.

The **general plan**, which incorporated significant public input, calls for the creation of walkable sidewalks and paths along major thoroughfares, specifically to services and shopping.

Summary continued

The **San Jose planning Charrette**, identified sidewalks on these two highways as a high priority for the community. The Charrette was attended by over 150 community members, business owners, and government officials over a 5 day period. The sole focus was the San Jose area which is where this project is located. The **Committee on Disabilities Issues** has included this project in their annual list of priorities for the last seven years. Community members who serve on the committee have spent countless hours photographing the area, surveying the community, and working with state DOT staff to identify solutions to providing safe access for pedestrians.

In addition, several smaller community groups have included this project in their list of priorities for the City including the **Trails group** which meets regularly to identify ways in which to enhance local pedestrian trails in the area.

COMMUNITY BENEFIT OR IMPROVEMENT

Number of people anticipated to use completed project

Bisbee's entire population uses these highways regularly, but the numbers jump significantly when you include those who enter the US from Mexico to shop in Bisbee, those who travel between Douglas and Sierra Vista for work and shopping, and the many thousands of tourists who visit Bisbee each year.

Benefits to quality of life, community, or environment

A significant indicator in any quality of life index is accessibility to services and shopping. Bisbee's only major grocer is located at the intersection of Highway 92 and Naco Highway, and there is no safe pedestrian walkway to access it. This project will improve the quality of life for those who wish to safely access these services from their neighborhoods.

Positive impact on local economy, tourism, low-income area

This project's primary purpose is to increase safety. The secondary purpose is to provide access to persons living in low-income areas to nearby shopping and services. The Don Luis, and San Jose neighborhoods are home to a large portion of Bisbee's low income residents. All of Bisbee's affordable, multi-family housing units are in this area as well as two senior housing facilities. For families whose only access to shopping and services is on foot, a safe, reliable pedestrian pathway is essential. In addition, the proposed sidewalk will connect with an established walking trail that is used by residents of Tin-town, Galena, Briggs, and Warren neighborhoods which are home to many low income families.

Safety improvements over existing conditions

Safety is this project's primary purpose. There are presently no pedestrian facilities along the entire stretch of Highway 92 from School Terrace Rd. to the City limits west of town. Persons on foot and in wheel chairs are forced to share the street with traffic that is permitted to move at 45 miles an hour. This is a common occurrence as people make their way to the area's grocery and shopping center located at the intersection. Furthermore, a lack of ADA accessible crosswalks create extraordinary danger for those trying to cross Highway 92 and Naco Highway.

Enhances handicap or alternate mode access

For many residents, the Safeway Transit stop is the closest stop to the neighborhood in which they live. Accessing the bus stop has been difficult and dangerous as residents must travel along and cross either Highway 92 or Naco Highway in order to get to the stop. There are presently four known persons living in the San Jose neighborhood who are wheelchair bound and have no choice but to move down the street when trying to access the shopping center. Having a safe, ADA accessible sidewalk on both sides of 92, with ADA accessible crosswalks at the intersection of Highway 92 and Naco Highway, and sidewalks on the east side (shopping center side) of Naco Highway to Collins Road, will enhance handicap access and will help those wishing to access public transportation.