

3.6 NON-CAPACITY-RELATED ROADWAY NEEDS (2008 TO 2030)

The following section provides a summary of non-capacity related roadway needs within the Eastern Framework study area. Data was gathered from available transportation plans and studies, as well as comments from stakeholder and community outreach efforts.

SATS and Corridor Definition Studies

Section 2.11 in Working Paper #2, cataloged and summarized studies and reports that address transportation issues within the study area. Of those studies listed in that section, the following documents recorded specific, non-capacity roadway needs.

- ADOT Safford District Report
- City of Douglas Small Area Transportation Study
- Gila County Small Area Transportation Study
- Unified Nogales/Santa Cruz County Transportation 2000 Plan

The City of Douglas Small Area Transportation Study outlined short-term and mid to long-term proposed transportation improvements. All proposed improvements listed in the study are along the City's principal arterials and are primarily enhancements to improve traffic flow and safety (i.e., installation of traffic signals). The needs were identified as a result of recommendations from traffic engineering studies and a crash analysis report.

Gila County developed a list of non-capacity related planned, unfunded transportation needs in their Small Area Transportation Study. There is no timeframe in which the County anticipates project completion. Most projects listed are improvements of state routes and principal roadways. Build projects include construction of bridges throughout the county.

In the Unified Nogales/Santa Cruz County Transportation 2000 Plan, the planned projects were listed as well as costs and the responsible parties. The projects were separated into 5-year planning periods. From 2006 to 2010, six planned highway projects were listed – most of which are along connector arterials to I-19. The long-range planned projects (2011-2020) were all highway improvements with financial responsibility allocated between ADOT, Santa Cruz County and the City of Nogales.

Other Studies and Plans

ADOT Investment Strategy

The Preliminary Critical Needs Definition identified the immediate and short-term needs of transportation systems throughout the state. ADOT - along with regional partners – identified highest priority needs projects. All funding from this program would be distributed over a 30-year period.

When addressing mobility issues, the Investment Strategy noted that it was important for the State to improve the circulation of its residents. Examples include, improving long-distance commutes between the major metropolitan areas, intercity

connectivity between those areas, and resources to expand or initiate rural and tribal transit, rideshare and vanpool programs.

The Investment Strategy provided funding information down to the county level. For each county, there are four funding categories:

- Strategic Highway Projects
- Strategic Rail and Transits and Programs
- Local Mobility Projects and Programs
- Transportation Enhancement and Walkable / Bikeable Communities

This document did not identify any non-capacity related roadway improvements in the focus area under the Strategic Highway Projects category.

ADOT Preliminary Critical Needs Definition

This Preliminary Critical Needs Definition is one of the most important elements of the Statewide Framework process. It is an evolving project, and is by no means a final “shopping list” for the state. Instead, its purpose is to identify the immediate and short-term needs (2030) of transportation systems throughout the state, and to help ADOT better understand the magnitude of the transportation needs that cannot be met with currently available funding.

Three tools were developed to achieve this purpose:

1. Submittal of a Preliminary Critical Needs List, jointly from each COG, each MPO, and their respective ADOT District Engineers. In conducting this effort, it became apparent that the various COGs, MPOs, District Engineers and tribal governments have widely varying interpretations of critical needs. As a result, the submissions are probably more correctly characterized as a “2030 Identified Improvement Needs Delineation.”
2. Identification by the COGs, MPOs, and their respective District Engineers of Representative Projects and Programs that best illustrate their critical transportation needs.
3. Refinement of the 2030 Identified Improvement Needs Definition, based on the identification of Representative Projects and Programs into Preliminary Critical Needs, utilizing Statewide Transportation Planning Framework Guiding Principles and the formulation of a potential one-cent state sales tax, as well as other potential funding scenarios.¹

The report itemized several non-capacity related roadway needs that ranged from repaving to widening shoulder widths. The needs from this document are listed within Table 3-3.

¹ ADOT Preliminary Critical Needs Definition, April 17, 2008

Input from Stakeholders and Community Workshops

From February 2008 to April 2009, the Eastern Arizona Regional Framework Team has conducted a variety of outreach efforts:

- Five Stakeholder Interviews throughout the study area: February 2008
- Presentation at the White Mountain Regional Transportation Committee meeting – February 2008
- Three Focus Group sessions (Transportation, Environmental, Business / Economic Development) held in three locations – March 2008
- Two rounds of Community Events held in four locations – March/April 2008 and November 2008
- Three rounds of Regional Technical Advisory Team (RTAT) meetings held in three locations – March 2008, October 2008, and April 2009
- One RTAT webinar meeting – July 2008

Mogollon Rim Focus Area

A total of eight meetings were held in the Mogollon Rim Focus Area. Most were held in Show Low with the exception of one, which was conducted in Payson. The area's Environmental/Conservation Focus Group suggested fencing be installed along the highways to control elk/deer/small animals. The Business/Development Focus Group and White Mountain Regional Transportation Committee were more concerned about traffic efficiency. One group recommended truck traffic should be limited to one lane, leaving the remaining two lanes for car traffic. The other committee noted they believe there should be improvements to the connections to I-10 and Phoenix. Stakeholders raised concerns about the impact on businesses if the main roads are widened.

Copper Country Focus Area

All six of the workshops were held in the city of Safford. Community members voiced their concerns about the safety of the roads. They recommended traffic controls be implemented to enforce the speed limits. There was also a request for turn lanes off the highway.

Santa Cruz – Cochise Focus Area

Workshops were held throughout the focus area in the communities of Sierra Vista, Nogales and Bisbee. Road safety and pedestrian access were the top concerns during the community meetings. Some specific needs include:

- Crosswalks along SR 82,
- Bike routes throughout the focus area,
- Bridges over the Santa Cruz River in the north Rio Rico area, and
- Maximized pedestrian access and movement throughout Nogales.

The Economic Development Focus Group discussed the fact they would like wider, passable roads throughout the focus area. Stakeholders at the Nogales session discussed their concerns regarding the current condition and maintenance of the existing road network. According to the group, it is difficult enough to find funding to maintain the current roads. It will therefore be a challenge to locate funding for construction of new roads. Also, the group noted that the frontage road system

needs to be addressed and corrected because there is no room for disabled vehicles to pull over.

Summary

Non-capacity roadway needs within the Eastern Arizona Framework study area can be generalized into two categories: policies and build projects. Examples of policy needs range from implementing Access Management policies to conducting corridor studies. Proposed build projects generally are maintenance of the existing roadway network; however, there are numerous proposed projects that address safety concerns. These projects include turn lanes, fencing along the highways to avoid wildlife crossings and traffic signals. Additionally, included in the list are projects for multi-use paths (i.e., bicycle and pedestrian pathways).

Table 3.3 Non-Capacity-Related Roadway Needs

Route	Location	From	To	Summary of Need	When Needed	Source
State Highway System						
Patagonia Highway (SR 82)/Kino Springs Drive Intersection	Santa Cruz County	N/A	N/A	Design and construct necessary traffic intersection improvements	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
North-South Interconnector	City of Nogales/Santa Cruz County	SR-189	I-19	Perform corridor study	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
East-West Interconnector	City of Nogales/Santa Cruz County	SR 189	SR-82	Perform corridor study	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Old Tucson Highway	Santa Cruz County	N/A	N/A	Design and construct 2-lane section	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
B-19	City of Nogales	International Border	Doe Street	Pavement preservation	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
SR-289 Interconnection via Frontera to SR-82	City of Nogales/Santa Cruz County	N/A	N/A	Perform corridor study	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
North-South Interconnector	City of Nogales/Santa Cruz County	SR-189	I-19	Reconstruction	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
East-West Interconnector, SR 189 to SR-82	City of Nogales/Santa Cruz County	N/A	N/A	Design, acquire right-of-way	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
SR 289 Interconnection	City of Nogales/Santa Cruz County	via Frontera	SR-82	Design, acquire right-of-way	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Old Tucson Highway	City of Nogales	Grand Avenue	Frontage Road	Design and reconstruct 5-lane section	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Bradshaw/SR 87	Pine	N/A	N/A	Deceleration and turn lanes	N/A	<i>Gila County Small Area Transportation Study</i>
SR 260	Star Valley	N/A	N/A	Deceleration and turn lanes	N/A	<i>Gila County Small Area Transportation Study</i>
SR 288	Junction SR-188- Young	N/A	N/A	Complete Paving	N/A	<i>Gila County Small Area Transportation Study</i>
Sradshaw/SR 87	Pine	N/A	N/A	Deceleration and turn lanes	N/A	<i>Gila County Small Area Transportation Study</i>
SR 877-SR 260 Truck Loop	Payson area	N/A	N/A	Design and construct roadway	N/A	<i>Gila County Small Area Transportation Study</i>
SR 92 @ Buffalo Soldier Trail Intersection	Willcox	N/A	N/A	Widen intersection and provide additional turn lanes	2010	<i>ADOT Safford District Report</i>
I-10 WB Luzena	Willcox area	N/A	N/A	Mill and pave, replace bridge railings	2009	<i>ADOT Safford District Report</i>
US 70	Thatcher/Safford	N/A	N/A	Alternative Route between US 70 and US 191	N/A	<i>ADOT Safford District Report</i>
SR 366/ US 191	Graham County	N/A	N/A	Intersection improvements	N/A	<i>ADOT Critical Needs Report</i>



Route	Location	From	To	Summary of Need	When Needed	Source
SR 75	Greenlee County	Three Way	Duncan	Preserve right-of-way for future improvements	N/A	<i>ADOT Critical Needs Report</i>
SR 75	York Valley Area			Access Management Implementation Plan	N/A	<i>ADOT Critical Needs Report</i>
SR 78	Greenlee County	Three Way	State Line	Preserve right-of-way	N/A	<i>ADOT Critical Needs Report</i>
US 191	Greenlee County	County Line	Three Way	Preserve right-of-way	N/A	<i>ADOT Critical Needs Report</i>
SR 75	York Valley Cottonwood Creek	MP 395.7		Construct pedestrian walkway bridge	N/A	<i>ADOT Critical Needs Report</i>
US 191	Greenlee County	Copper Crystal Park	200 Chase Creek	Construct pedestrian walkway	N/A	<i>ADOT Critical Needs Report</i>
US 70	Greenlee County	MP 378	Wilson Street	Construct pedestrian walkway	N/A	<i>ADOT Critical Needs Report</i>
US 70	Greenlee County	US 191	State Line	Preserve right-of-way for future improvements	N/A	<i>ADOT Critical Needs Report</i>
B10	Safford District	N/A	N/A	Turn back Willcox B-10 and Benson B-10 following pavement preservation improvements	2015	<i>ADOT Critical Needs Report</i>
I-10 By-Pass Needs to run from Willcox or just west of Willcox	Safford District	N/A	N/A	In public hearing and other ways, the City of Willcox has requested that the so-called I-10 bypass be located at proposed route K2. Willcox is very concerned about any routing that would occur east of the city on I-10.	N/A	<i>ADOT Critical Needs Report</i>
I-10	Safford District	N/A	N/A	I-10 TI at Mescal/J-Six; needs to be reconstructed to accommodate residential growth to address sight distance issues	N/A	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	SR90 Bypass / Campus Signal	2009	<i>ADOT Critical Needs Report</i>
US 191	Safford District	N/A	N/A	Upgrade US 191 to an all weather highway by installing cross drainage and raising the profile as well as bypassing Elfrida	2025	<i>ADOT Critical Needs Report</i>
SR 82	Safford District	N/A	N/A	Reconstruct SR 82 through the San Pedro Riparian & Fairbanks areas. Raise profile approximately 20 feet	2045	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Reconstruct SR 90 through the San Pedro Basin	2040	<i>ADOT Critical Needs Report</i>

Route	Location	From	To	Summary of Need	When Needed	Source
SR 181	Safford District	N/A	N/A	Reconstruct SR 181 SE of Willcox to add standard shoulders, compliant geometry and adequate drainage	2035	<i>ADOT Critical Needs Report</i>
SR 186	Safford District	N/A	N/A	Reconstruct SR 186 SE of Willcox to add standard shoulders, compliant geometry and adequate drainage	2035	<i>ADOT Critical Needs Report</i>
SR 80	Safford District	Douglas E.	NM State Line	Reconstruct SR 80 at Silver Creek, adding standard shoulders as well as other safety improvements & reconstructing bridges	2050	<i>ADOT Critical Needs Report</i>
SR 80	Safford District	Tombstone	Bisbee	Reconstruct SR 80 with a new SR 80/SR 90 intersection, widened Mule Creek Tunnel, extended climbing lane and a rockfall project	2040	<i>ADOT Critical Needs Report</i>
US 191	Safford District			Exchange ADOT's Pan American Highway (US 191B) segment to the City of Douglas for Chino Rd.	2020	<i>ADOT Critical Needs Report</i>
US 70	Safford District	US 191/ N US 70 Intersection	NM State Line	Improve US 70 with standard shoulders & climbing lanes	2020	<i>ADOT Critical Needs Report</i>
US 191	Safford District			Reconstruct US 191 through the FMI mine including replacing bridge and tunnel repairs & widening or construct mine bypass	2025	<i>ADOT Critical Needs Report</i>
US 191	Safford District			Construct safety measures along the Coronado Trail including repair of retaining walls, selective shoulder construction as well as geometric improvements	2040	<i>ADOT Critical Needs Report</i>
SR 78	Safford District	SR 78/SR 75/US 191 Intersection	NM State Line	Improve SR 78 by adding standard shoulders as well as spot safety improvements including realignments	2030	<i>ADOT Critical Needs Report</i>
SR 266	Safford District	US 191	Ft. Grant	Reconstruct SR 266 for capacity & safety including climbing lanes & shoulder widening	2020	<i>ADOT Critical Needs Report</i>
SR 80	Safford District	N/A	N/A	SR-80 and Davis Intersection, high accident location, some additional safety measures are warranted	N/A	<i>ADOT Critical Needs Report</i>

Route	Location	From	To	Summary of Need	When Needed	Source
NA	Safford District	N/A	N/A	Annual Major Street Reconstruction Project Various Streets	Yearly	<i>ADOT Critical Needs Report</i>
SR 191	Safford District	N/A	N/A	SR-191 and Pearce Road Intersection, need to be reconfigured to address "Flying Y"	N/A	<i>ADOT Critical Needs Report</i>
SR 82	Safford District	N/A	N/A	SR-82 and Truman Road Intersection, needs a deceleration lane at a minimum	N/A	<i>ADOT Critical Needs Report</i>
SR 92	Safford District	N/A	N/A	Continue multi-use paths/enhancement projects along SR-92 south of Sierra Vista	N/A	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Continue multi-use paths/enhancement projects along SR-90 east of Sierra Vista	N/A	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Traffic Light @ Patton Rd. (new subdivision)	2012	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Traffic light @ Mustang Rd. (new Subdivision)	2017	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Right turn lane @ Skyline Dr.	2012	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Right turn lane at Yuma St.	2012	<i>ADOT Critical Needs Report</i>
SR 90	Safford District	N/A	N/A	Traffic Light at School Dr. (emergency vehicle)	N/A	<i>ADOT Critical Needs Report</i>
SR 80	Safford District	N/A	N/A	Continue multi-use paths/enhancement projects along SR-80 near school in St. David area	N/A	<i>ADOT Critical Needs Report</i>
SR 73	Globe District	N/A	N/A	Complete Corridor Study for SR73.	N/A	<i>ADOT Critical Needs Report</i>
US 60	Globe District	N/A	N/A	Realign intersection at Jct. US 60/SR 180 (NACOG)	2020	<i>ADOT Critical Needs Report</i>
SR 61	Globe District	N/A	N/A	Widen shoulders, includes 3 climbing lanes, 3 passing lanes and 2 turn lanes (NACOG)	2020	<i>ADOT Critical Needs Report</i>
US 180	Globe District	N/A	N/A	US 180 Reconstruct and Widen Roadway to 40' (NACOG)	2040	<i>ADOT Critical Needs Report</i>
US 180	Globe District	N/A	N/A	Jct. SR 180/SR 260 Intersection Improvements H717201C (NACOG)	2011	<i>ADOT Critical Needs Report</i>
SR 260	Globe District	N/A	N/A	Flatten vertical curve east of Eagar for sight distance (NACOG) improvements	2015	<i>ADOT Critical Needs Report</i>
SR 277	Globe District	N/A	N/A	Update to current standards (NACOG)	2020	<i>ADOT Critical Needs Report</i>
US 180A	Globe District	US 180	SR 61	Reconstruct and widen roadway to 40' (NACOG)	2025	<i>ADOT Critical Needs Report</i>

Route	Location	From	To	Summary of Need	When Needed	Source
US 60 / SR77	Globe District	N/A	N/A	Traffic Interchange		<i>ADOT Critical Needs Report</i>
SR77 / Silver Lake Blvd	Globe District	N/A	N/A	Traffic Interchange		<i>ADOT Critical Needs Report</i>
CR 2311 and US 180 Intersection	Globe District	N/A	N/A	Intersection improvements	2013	<i>ADOT Critical Needs Report</i>
SR 87	Holbrook District	Lake Mary Road	SR 264	Reconstruct Roadway	N/A	<i>ADOT Critical Needs Report</i>
SR 99	Holbrook District	Forest Bdry	N15	Reconstruct Roadway	N/A	<i>ADOT Critical Needs Report</i>
SR 99	Holbrook District	N/A	N/A	Clear Creek Bridge. Bridge Replacement	N/A	<i>ADOT Critical Needs Report</i>
SR 99	Holbrook District	N/A	N/A	Jacks Canyon Bridge. Bridge Replacement	N/A	<i>ADOT Critical Needs Report</i>
US 180	Holbrook District	N/A	N/A	5-Mile Wash Bridge. Bridge Replacement	N/A	<i>ADOT Critical Needs Report</i>
US 180	Holbrook District	N/A	N/A	Little Col. River Bridge. Bridge Replacement	N/A	<i>ADOT Critical Needs Report</i>
US 180	Holbrook District	N/A	N/A	Jim Camp Wash Bridge. Bridge Replacement	N/A	<i>ADOT Critical Needs Report</i>
US 191	Holbrook District	Witch Wells	Sanders	Reconstruct Roadway	N/A	<i>ADOT Critical Needs Report</i>
SR 377	Holbrook District	SR 277	SR 77	Reconstruct Roadway	N/A	<i>ADOT Critical Needs Report</i>
SR 377	Holbrook District	SR 277	SR 77	Reconstruct and widening shoulders	2019	<i>ADOT Critical Needs Report</i>
SR 87	Holbrook District	Clints Well	Forest Boundary	Widen Shoulders to 8' wide	2021	<i>ADOT Critical Needs Report</i>
SR 87	Holbrook District	Blue Ridge Ranger Station	Winslow	Box Culvert Extensions	2016	<i>ADOT Critical Needs Report</i>
US 191	Holbrook District	N/A	N/A	Hardscrabble Phase II. Raise profile & drainage, widen shoulders	2013	<i>ADOT Critical Needs Report</i>
SR 73	Globe District	N/A	N/A	Jct. US 60/SR 73 – Fort Apache. Widen roadway to 40'; climbing and passing lanes. Phase I (CAAG)	2018	<i>ADOT Critical Needs Report</i>
SR 73	Globe District	N/A	N/A	Jct. US 60/SR 73 – Fort Apache. Widen roadway to 40'; climbing and passing lanes. Phase II (CAAG)	2020	<i>ADOT Critical Needs Report</i>
SR 473	Globe District	N/A	N/A	Update to current standards and turn back to White Mountain Apache Tribe	2040	<i>ADOT Critical Needs Report</i>
US 70	Globe District	N/A	N/A	US 70 Address safety and speeding issues. US 70 Increase shoulder width, add turn lanes and passing zone improvement / striping, bus stops, truck traffic, and US70 bridge widening improvements	N/A	<i>ADOT Critical Needs Report</i>

Route	Location	From	To	Summary of Need	When Needed	Source
State Route 260 / Beeline	Mogollon Rim Focus Area	N/A	N/A	Traffic congestion, particularly with regard to tourist travel during summer months and weekends	N/A	<i>RTAT / Stakeholder Comments</i>
SR 73	Mogollon Rim Focus Area	N/A	N/A	Complete corridor study for improvements	N/A	<i>US Department of Transportation. White Mountain Apache Tribe webpage.</i>
SR 87	Mogollon Rim Focus Area	BIA 101	Green Valley Parkway	Address safety issues i.e. traffic light crossing patterns, striping, signage, driver sight visibility and add acceleration and deceleration lanes	N/A	<i>A Report on Tribal Transportation Issues and Needs.</i>
US 70	Copper Country Focus Area	N/A	N/A	Increase shoulder widths; add turn lanes, passing zone improvements, striping, and school bus stops; address truck traffic, safety and speeding issues; and construct bridge widening improvements east of IR 6	N/A	<i>A Report on Tribal Transportation Issues and Needs.</i>
General Hitchcock (Mt. Lemmon) Highway F H 39 and Ski Valley Road No. 11	Copper Country Focus Area	N/A	N/A	Maintain as a scenic highway	N/A	<i>US Forest Service. 1986. Coronado National Forest Plan.</i>
I-10 Eastbound	Cochise-Santa Cruz Focus Area	MP310	MP311	Climbing lane (Tier 2 priority)	N/A	
I-10 Westbound	Cochise-Santa Cruz Focus Area	MP325	MP324	Climbing lane (Tier 3 priority)	N/A	
I-19	North of Elfrida	N/A	N/A	Drainage issues, limiting access	N/A	<i>RTAT / Stakeholder Comments</i>
Route	Location	From	To	Summary of Need	When Needed	Source
Other Principal Roadways						
Grand Avenue/Western Avenue Intersection	City of Nogales	N/A	N/A	Install traffic signal and intersection improvements	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Bankard Street Bridge	City of Nogales	N/A	N/A	Design/reconstruct bridge	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Target Range Road/Mariposa Road Intersection	City of Nogales	N/A	N/A	Study, design, if necessary, construct as needed	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Money Avenue to International Border	City of Nogales	N/A	N/A	Design and construct streetscape and pedestrian improvements	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Patagonia Highway (SR 82)/Dunquesne Road Intersection	Santa Cruz County	N/A	N/A	Design and construct necessary traffic intersection safety improvements	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>



Route	Location	From	To	Summary of Need	When Needed	Source
South River Road	Santa Cruz County	Via Frontera	SR 82	Pave Road	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Grand Avenue	City of Nogales	Doe Street	Baffert Drive	Design and construct sidewalk, landscaping, and lighting improvements	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
I-19 Frontage Road	City of Nogales/ Santa Cruz County	Rio Rico	Western Avenue	Perform corridor study	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Tubac Enhancement Project	Santa Cruz County	N/A	N/A	Improvement historical path	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Main Street Enhancement	City of Nogales	N/A	N/A	Design and construct frontage road	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
East I-19 Frontage Road	City of Nogales	Rio Rico	Ruby Road	Design and construct frontage road	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Peck Canyon Wash Bridges	City of Nogales	N/A	N/A	Scour retrofit	2001-2005	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Rio Rico Drive	Santa Cruz County	I-19	Pendleton Drive	Reconstruction	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Country Club Drive to Grand Avenue	City of Nogales	N/A	N/A	Design, acquire right-of-way	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
New Roadway	Santa Cruz County	North-South Interconnect or	Ruby Road	Design, acquire right-of-way	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Ruby Road	Santa Cruz County	New Roadway	I-19	Design and construct 4-lane section	2006-2010	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
New Roadway	City of Nogales	North-South Interconnect or	Grand Avenue	Design, acquire right-of-way	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Pendleton Drive	Santa Cruz County	Via Frontera	North of Rio Rico Drive	Design and reconstruct 4-lane section	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Via Frontera	Santa Cruz County	Pendleton Drive	South River Road	Design and reconstruct 4-lane section	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Pendleton Drive	Santa Cruz County	North terminus	Bridge Road	Design and construct 2-lane section.	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
I-19 Frontage Road	City of Nogales/ Santa Cruz County	Rio Rico	Western Avenue	Design, acquire right-of-way	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Calle Sonora	City of Nogales	Grand Avenue	SR-82	Design and construct 3-lane section	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Frontage Road	City of Nogales	Ruby Road	Rio Rico	Design and reconstruct frontage road.	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Mariposa Road	City of Nogales	Grand Avenue	Frank Reed Road	Design and reconstruct to a 6-lane section	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>



Route	Location	From	To	Summary of Need	When Needed	Source
Grand Avenue	City of Nogales	International Border	Baffert Drive	Perform study of safety, traffic operations, parking and access to improve capacity and throughout.	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Palo Parado	Santa Cruz County	I-19	Pendleton Drive	Design and construct 2-lane section. Construct new bridge across Santa Cruz River.	2011-2020	<i>Unified Nogales/Santa Cruz County Transportation 2000 Plan</i>
Control Road Tonto Village	Tonto Village	N/A	N/A	Reconstruct intersection	N/A	<i>Gila County Small Area Transportation Study</i>
Copper Hills Rd	Connect to US 60	N/A	N/A	Provide Connection	N/A	<i>Gila County Small Area Transportation Study</i>
Gisela Road	SR 87 in Gisela	N/A	N/A	Improve Alignment and Geometry	N/A	<i>Gila County Small Area Transportation Study</i>
Greenback Valley Road	Cline Blvd. SR 188	N/A	N/A	Paving/Geometry	N/A	<i>Gila County Small Area Transportation Study</i>
Pine Creek Canyon Road	Pine	N/A	N/A	Widen and reconstruct Roadway	N/A	<i>Gila County Small Area Transportation Study</i>
Tonto Creek Bridge I	TBD-Tonto Creek	N/A	N/A	Select Site and design bridge	N/A	<i>Gila County Small Area Transportation Study</i>
Young-Heber Road	Young-SR 260	N/A	N/A	Reconstruct and Pave	N/A	<i>Gila County Small Area Transportation Study</i>
Control Road-East	Houston Mesa- SR 260	N/A	N/A	Paving Geometry	N/A	<i>Gila County Small Area Transportation Study</i>
Control Road-West	SR 87- Houston Mesa	N/A	N/A	Reconstruct and Pave	N/A	<i>Gila County Small Area Transportation Study</i>
East Verde Estates Road	Low Water Crossing	N/A	N/A	Construct Bridge	N/A	<i>Gila County Small Area Transportation Study</i>
Highline Trail	N. of Control Road	N/A	N/A	Improve	N/A	<i>Gila County Small Area Transportation Study</i>
Houston Mesa road	Low Water Crossings	N/A	N/A	Construct 2 bridges	N/A	<i>Gila County Small Area Transportation Study</i>
Tonto Creek Bridge II	TBD-Tonto Creek	N/A	N/A	Construct Bridge	N/A	<i>Gila County Small Area Transportation Study</i>
San Antonio Avenue / 15th Street	City of Douglas	N/A	N/A	1. Conduct 4-way stop control warrant analysis. 2. Convert to 4-way stop control if warranted.	Short-term	<i>City of Douglas Small Area Transportation Study</i>
Louis Avenue	City of Douglas	15th Street	19th Street	Re-stripe Louis Avenue to provide continuous two-way left-turn lane.	Short-term	<i>City of Douglas Small Area Transportation Study</i>
15th Street	City of Douglas	Florida Avenue	San Antonio Avenue	Provide new access to charter school parking lot.	Short-term	<i>City of Douglas Small Area Transportation Study</i>
San Antonio Avenue / 15th Street	City of Douglas	N/A	N/A	Monitor traffic and install traffic signal when warranted.	Mid to Long Term	<i>City of Douglas Small Area Transportation Study</i>
Florida Avenue / 10th Street	City of Douglas	N/A	N/A	Monitor traffic and install traffic signal when warranted.	Mid to Long Term	<i>City of Douglas Small Area Transportation Study</i>
9th Street / Pan American Avenue	City of Douglas	N/A	N/A	Install EB and WB channelizing islands to allow right-turn only.	Mid to Long Term	<i>City of Douglas Small Area Transportation Study</i>
Roper Lake State Park	South of Safford	N/A	N/A	Repaving of roads, parking lots	2009	<i>ADOT Safford District Report</i>



Route	Location	From	To	Summary of Need	When Needed	Source
Bridge over Gila River	Bylas	N/A	N/A	Replacement	2010	<i>ADOT Safford District Report</i>
Bridge over San Francisco River	Clifton	N/A	N/A	Replacement	2010	<i>ADOT Safford District Report</i>
8th Ave	Safford	N/A	N/A	Reconstruct 8th Ave. Bridge	N/A	
South Access Route	Safford	N/A	N/A	Extend 20th Ave south to provide access on the west side of US 191	N/A	
8th Ave Extension to Discovery Park	Safford	N/A	N/A	Extend 8th Ave south to Discovery Park	N/A	
20th Ave Improvements	Safford	8th St	US 70	Widen and improve intersections	N/A	
Connection of 14th Ave	Safford	Relation St	Discovery Park	Extend 14th Ave	N/A	
Busby/Coronado	Safford District	N/A	N/A	Signal	2010	<i>ADOT Critical Needs Report</i>
Fry Boulevard / 7th Street	Safford District	N/A	N/A	Traffic Signal Improvements	2012	<i>ADOT Critical Needs Report</i>
Airport Runway 12-30	Safford District	N/A	N/A	Reconstruction Project	2010	<i>ADOT Critical Needs Report</i>
North Garden / Fry Intersection	Safford District	N/A	N/A	Reconstruction Project	2012	<i>ADOT Critical Needs Report</i>
Coronado /Golf Links	Safford District	N/A	N/A	Signal	2011	<i>ADOT Critical Needs Report</i>
BST / Golf Links	Safford District	N/A	N/A	Signal	2012	<i>ADOT Critical Needs Report</i>
Seventh / BST	Safford District	N/A	N/A	Signal	2010	<i>ADOT Critical Needs Report</i>
Seventh / Golf Links	Safford District	N/A	N/A	Signal	2011	<i>ADOT Critical Needs Report</i>
Martin Luther King/Avenida Escuela	Safford District	N/A	N/A	Signal	2009	<i>ADOT Critical Needs Report</i>
Busby / Seventh	Safford District	N/A	N/A	Signal	2012	<i>ADOT Critical Needs Report</i>
Coronado Drive	Safford District	Carmelita	Las Brisas	Multit-use Path	2009	<i>ADOT Critical Needs Report</i>
Snyder Blvd	Safford District	SR 92	Avenida Del Sol	Multit-use path	2009	<i>ADOT Critical Needs Report</i>
BST	Safford District	Cherokee	SR92	Multit-Use Path Construction	2009	<i>ADOT Critical Needs Report</i>
Bridge over Manual Seep Draw	Globe District	N/A	N/A	Construction of bridge and appurtances	2015	<i>ADOT Critical Needs Report</i>
CR 2180	Globe District	N/A	N/A	Pavement Reconstruction	2016	<i>ADOT Critical Needs Report</i>
CR 2108	Globe District	N/A	N/A	Reconstruction Drainage Improvements, Grade and Pave	2016	<i>ADOT Critical Needs Report</i>
CR 2311	Globe District	N/A	N/A	Reconstruction Drainage Improvements, Grade, Pave and Pedestrian walkway	2016	<i>ADOT Critical Needs Report</i>

Source: ADOT Critical Needs Report, 2007; Unified Nogales/Santa Cruz County Transportation 2000 Plan, 2000; Gila County Small Area Transportation Plan, 2006; Coronado National Forest Plan, 2005; US Department of Transportation, White Mountain Apaches Tribe webpage, April 2009; Douglas Small Area Transportation Study, 2007; 3.7 Transit and Passenger Rail Needs