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MAG Bicycle and Pedestrian Committee

AASHTO U.S. Bicycle Route System

PREPARED FOR
ADOT

TASK ASSIGNMENT: MPD 068-14

August 18, 2015



What is the U.S. Bicycle Route System (USBRS)?

- ▶ A developing national network of bicycle routes, connecting urban, suburban, and rural areas using roads and paths appropriate for bicycle travel
- ▶ USBRs are designated by American Association of State Highway and Transportation Officials (AASHTO) Special Committee on U.S. Route Numbering
- ▶ State DOTs work in coordination with local agencies, organizations, and volunteers to identify and develop routes
- ▶ To date, 8,992 miles of USBR have been established in 18 states



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AASHTO Guiding Documents

- ▶ U.S. Bicycle Route Purpose and Policy Statement provides AASHTO's guiding principles for U.S. Bicycle Route System
- ▶ National Corridor Plan is overview map of proposed and designated routes
- ▶ USBRS Corridor Criteria defined by AASHTO Task Force on U.S. Bicycle Routes



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Purpose and Policy Statement

- ▶ The purpose of the U.S. bicycle route numbering and marking system is to facilitate travel between the states over routes which have been identified as being more suitable than others for cycling
- ▶ A bicycle route is any road, street, path or way which in some manner is specifically designated as being open to bicycle travel, regardless of whether such facilities are designated for the exclusive use of bicycles or are to be shared with other transportation modes



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Purpose and Policy Statement (cont.)

- ▶ U.S. Bicycle Routes must connect two or more states, a State and an international border, or two or more U.S. Bicycle Routes
- ▶ Bicycle route marker included in *Manual on Uniform Traffic Control Devices* is recommended
- ▶ States are encouraged to use *AASHTO Guide for Development of Bicycle Facilities*



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National Corridor Plan



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The goal of The United States Bicycle Route System is to connect America through a network of numbered interstate bicycle routes.

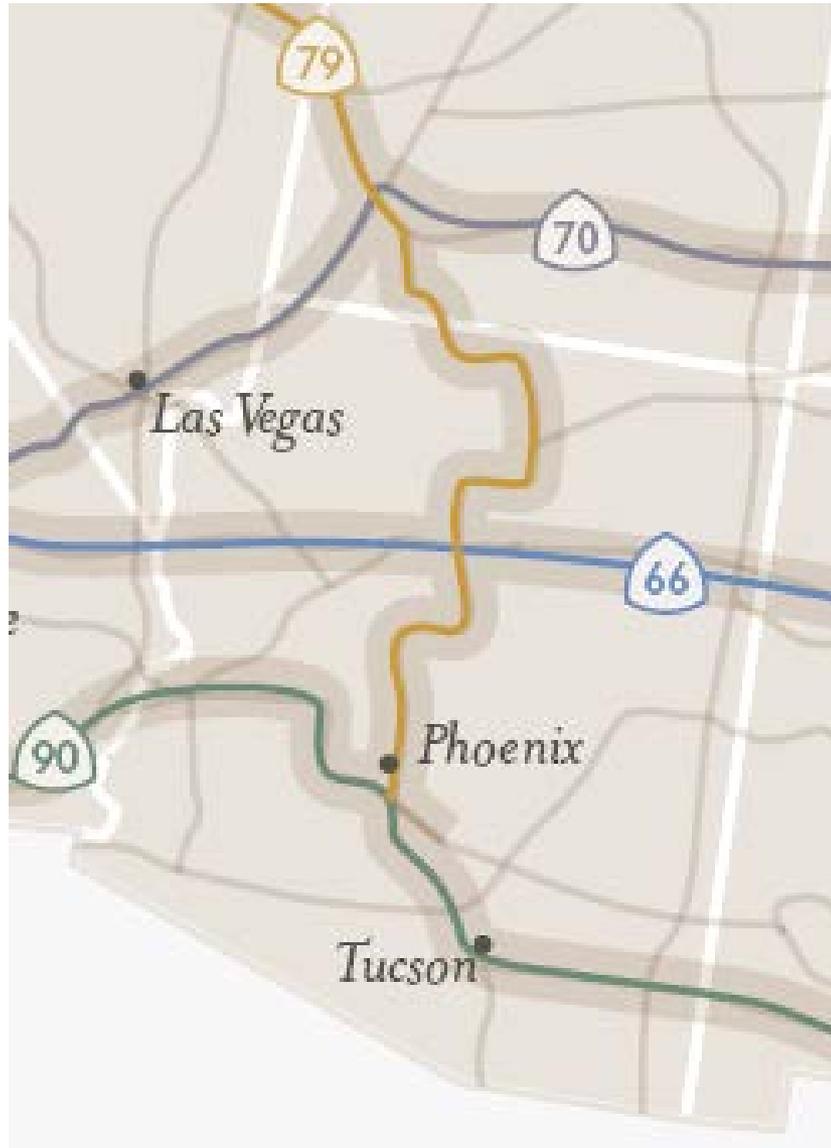
NATIONAL CORRIDOR PLAN
▲ ▲ ▲ ▲ ▲
May 2015

Adventure Cycling Association
America's bicycle travel experts

AASHTO
THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS



National Corridor Plan: Arizona



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Corridor / Route Criteria

- ▶ Access destinations and regions with high tourism potential, including routes that incorporate important scenic, historic, cultural, and recreational values
- ▶ Link major metropolitan areas to connect key attractions and transportation nodes
- ▶ Offer services and amenities such as restaurants, accommodations, camping, bicycle shops, and convenience/grocery stores at appropriate intervals
- ▶ Consider appropriate combinations of low daily traffic, low truck traffic, wide paved shoulders, lane striping, adequate sight distance, traffic speed



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Profile of a Bicycle Tourist

- ▶ Highly Educated
- ▶ High Discretionary Income
- ▶ Bike travelers spend more than average tourist (\$100+ daily versus \$60+ in 2005)
- ▶ Typically stay longer in an area
- ▶ Less direct impact on local environment
- ▶ Green travel potential and linkage with trains/buses
- ▶ Becoming sweet spot for 50-64 demographic, which accounts for 43% of increase in consumer spending (2010)

Source: Adventure Cycling Association



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ADOT Route Committee

- ▶ ADOT, Intermodal Transportation Division (ITD), Districts
- ▶ ADOT, ITD, Traffic
- ▶ ADOT, Multimodal Planning Division
- ▶ Arizona Office of Tourism
- ▶ DPS
- ▶ MPOs and COGs
- ▶ Representatives of users, including Arizona advocates and Adventure Cycling Association



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Route Committee Tasks

- ▶ Establish evaluation criteria
- ▶ Identify potential routes within Corridors
- ▶ Evaluations
- ▶ Field reviews
- ▶ Agency and user outreach
- ▶ Route modifications
- ▶ Agency agreements and adjustments



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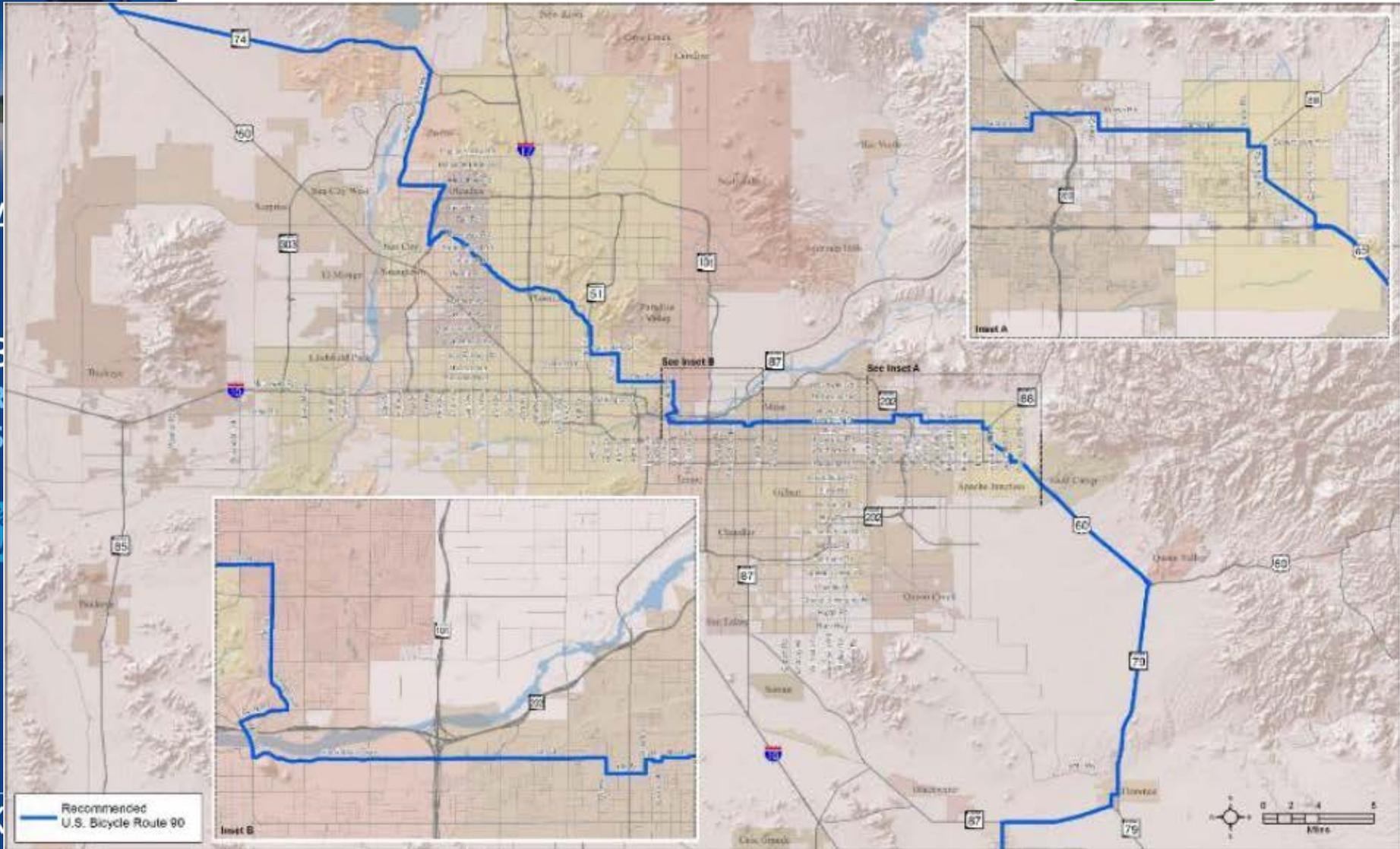




US Bicycle Route 90



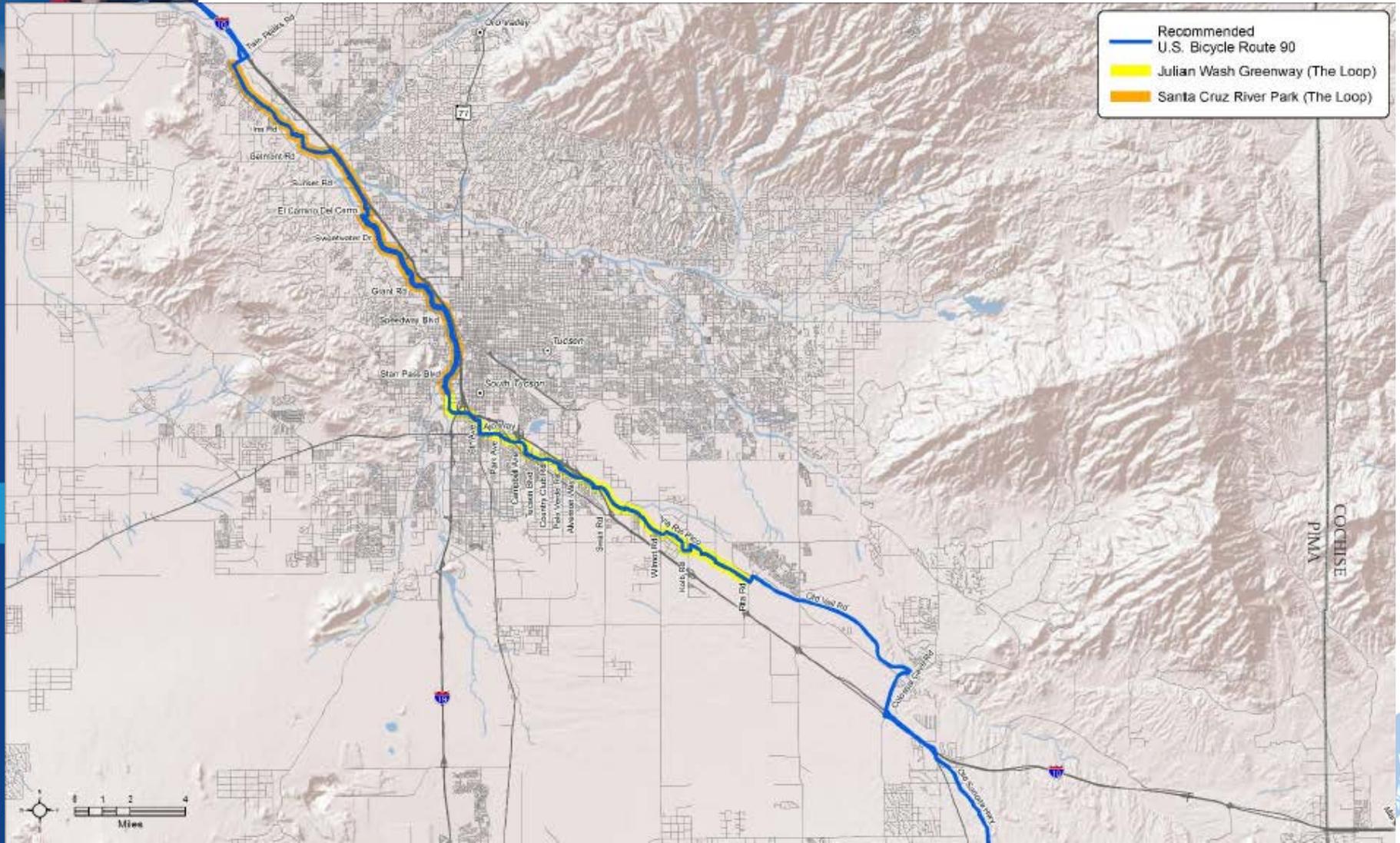
► Inside Phoenix Metro





US Bicycle Route 90

► Inside Tucson Metro



Route Log

U.S. BICYCLE ROUTE 90 TURN-BY-TURN DIRECTIONS

Updated: July 8, 2015

Turn	Starting Point of Route	Miles on this facility	Turn location and Rd name/designation	General Direction of Travel
Route begins	At the intersection between AZ Hwy 80 and State Line Rd/Chile Pepper Rd			
1	Proceed south along SR 80 towards Douglas	48.2	At intersection with G Ave, turn right to continue on SR 80	Southwest
2	SR 80	22.3	At the roundabout take the first exit to continue on SR 80	Northwest
**route alternative to avoid steep grades through Bisbee (for designated route, skip to Turn 3)				
2a	SR 80	1.5	Turn right onto US 191	West
3a	US 191	18.3	Turn left onto Davis Rd (Cochise County)	North
4a	Davis Rd	24	Turn right onto SR 80	Northwest/West
**route alternate ends in Tombstone, proceed to Turn 5				
3	SR 80	1.6	Bear left at fork with Main St/Old Bisbee and continue on SR 80	Northwest
4	SR 80	1.7	Turn right onto ramp for West Blvd; follow ramp around and turn right onto West Blvd (City of Bisbee)	Northwest
5	West Blvd	0.35	West Blvd turns into Old Divide Rd (Cochise County) at a sharp hairpin turn	West
6	Old Divide Rd	1.3	Turn right onto SR 80	North
7	SR 80	5.5	At intersection with SR 90, keep right to stay on SR 80	Northwest
8	SR 80	15.8	Turn left onto 1st St (City of Tombstone)	North/Northwest
9	1st St	0.1	Turn right onto Allen St (City of Tombstone)	South
10	Allen St	0.1	Turn left onto Summer St (City of Tombstone); Summer St turns into Charleston Rd (City of Tombstone/Cochise County)	West
11	Charleston Rd	16.2	Cross State Route 90 to continue on Martin Luther King Jr Pkwy (City of Sierra Vista) *a shared use path is available on the south side of the road	Southwest
12	Martin Luther King Jr Pkwy	1	Turn right onto Coronado Dr (City of Sierra Vista)	South
13	Coronado Dr	0.85	Turn left onto SR 90	West
14	SR 90	2.5	Turn right to continue on SR 90 towards Huachuca City	
15	SR 90	8.7	Turn left onto SR 82	North
16	SR 82	10.8	Turn left onto upper Elgin Rd (Santa Cruz County)	West
17	Upper Elgin Rd	4.75	Turn left onto Elgin Rd (Santa Cruz County)	South
18	Elgin Rd	4.65	Turn right onto SR 83	West
19	SR 83	1.1	Keep left on SR 83	North
20	SR 83	2.7	Turn right to continue on SR 83 through Sonoita	West
21	SR 83	19.5	Turn right onto Charolais Rd	North
22	Charolais Rd	6.1	Turn right onto SR 83	North
23	SR 83 overpass	0.4	Turn right before I-10 entrance ramp towards Marsh Station Rd/Frontage Rd	North
24	Overpass	<0.1	Turn left onto Frontage Rd	North



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Agency Support for USBR 90

Roadway Owner	Main Point of Contact	Concurrence Received
Maricopa County	Denise Lacey, County DOT Systems Planning Branch Manager	✓
City of Apache Junction	Larry Kirch, City Development Services Director	✓
City of Glendale	Purab Adabala, City Senior Transportation Analyst	✓
City of Mesa	Jim Hash, City Bicycle and Pedestrian Coordinator	✓
City of Peoria	Brandon Forrey, City Transportation Planning Engineer	✓
City of Phoenix	Joe Perez, City Bicycle Coordinator	✓
City of Scottsdale	Susan Conklu, City Transportation Planner	✓
City of Tempe	Susan Taafe, City Public Works Supervisor	✓
Flood Control District of Maricopa County	Scott Vogel, Engineering Division Manager	✓
Salt River Project	Jim Duncan, Senior Analyst, Water Engineering	✓
City of Bisbee	Thomas Klimek, City Public Works Director	✓
City of Sierra Vista	Sharon Flissar, City Engineer; Don Brush, City Community Development Director	✓
City of Tombstone	Dustin Escapule, City Mayor	✓
City of Tucson	Ann Chanecka, City Bicycle and Pedestrian Program Coordinator	✓
Town of Marana	Brian Varney, Town Planner	✓
Cochise County	Karen Lamberton, County Transportation Planner	✓
Pima County	Matt Zoll, County Bicycle Coordinator	✓
Santa Cruz County	Jesus Valdez, County Engineer	✓
Caltrans	Richard Dennis, Office of System and Freight Planning Chief, Division of Planning, District 8	✓
New Mexico Department of Transportation	Roza Kozub, Urban and Regional Planning Supervisor	✓



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US Bicycle Route 66



- ▶ Segments without agency concurrence



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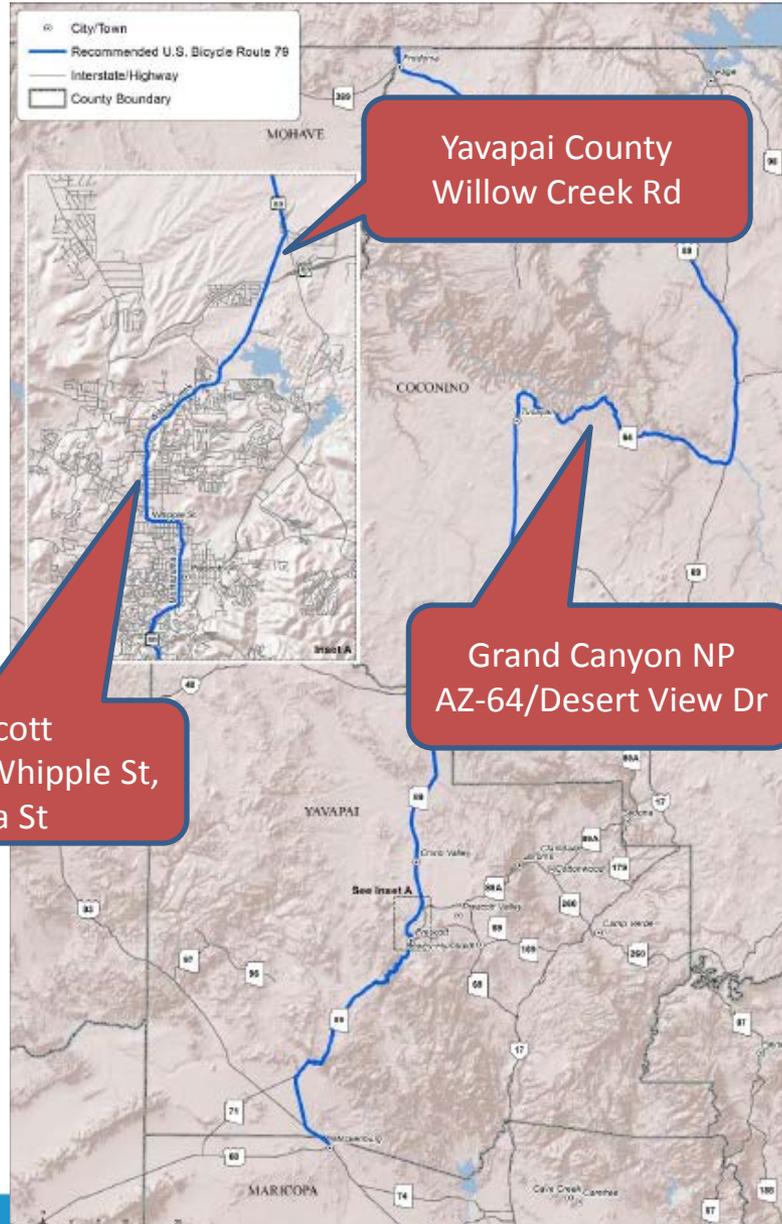
US Bicycle Route 79



- ▶ Segments without concurrence

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Yavapai County
Willow Creek Rd

City of Prescott
Willow Creek Rd, Whipple St,
Montezuma St

Grand Canyon NP
AZ-64/Desert View Dr



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US Bicycle Route 70



- ▶ Not pursued due to lack of participation from Utah and Nevada at this time



- ▶ Utah designated portions of USBR 70 and USBR 79 to establish a route across southern Utah that connects Nevada and Colorado



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Next Steps

- ▶ Submit application to AASHTO for official designation of USBR 90
 - Application due Monday August 24, 2015
 - AASHTO Subcommittee meeting September 24, 2015
- ▶ Continue working with agencies that did not provide concurrence
- ▶ Maintain communications with Nevada and Utah regarding USBR 70
- ▶ Develop Promotion Plan



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Promotion Plan

- ▶ Mapping
 - Produce printed and electronic maps
 - Update *Cycle Arizona Bicycle User Map*
- ▶ Signing (Route Marker M1-9 - MUTCD – Interim Approval 15)
- ▶ Media & Outreach
- ▶ Share designation with ADOT divisions to promote better coordination on future highway projects, e.g. rumble strips policy update
- ▶ Adventure Cycling Association



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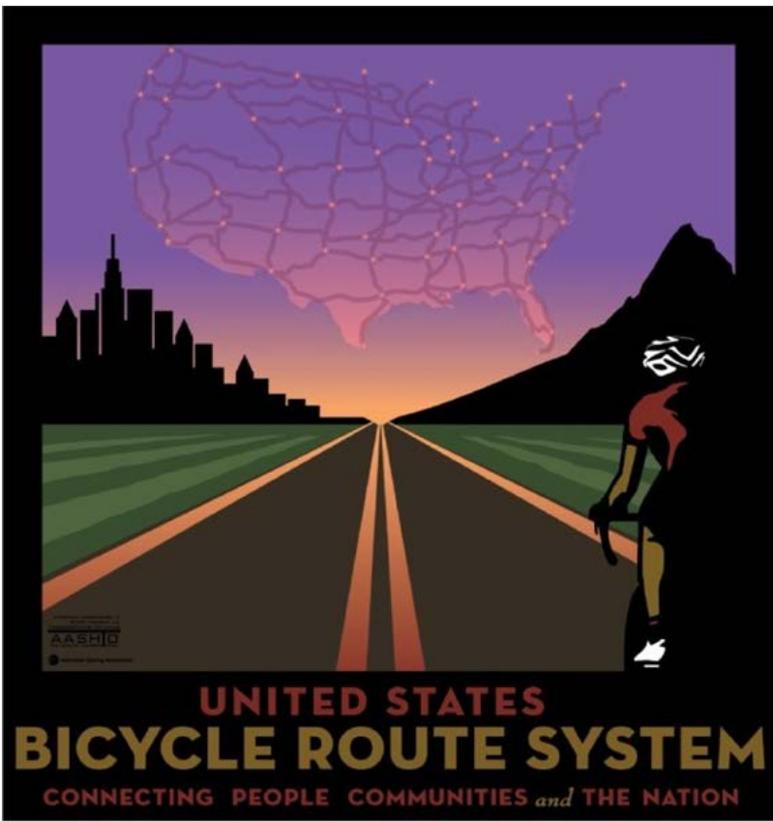
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<http://www.adventurecycling.org/>



<https://instagram.com/p/2l3cy7wIMT/>



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