U.S. Bicycle Route System
Arizona Experience

Presentation by Michael Sanders
March 2, 2016
What is the U.S. Bicycle Route System?

- Developing national network of bicycle routes, connecting urban, suburban, and rural areas using existing roads and shared use paths
- 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, 11,053 miles of USBR have been established in 23 states
AASHTO Guiding Documents

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

Colorado River, north side I-10
Purpose and Policy Statement

- Facilitate travel between 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 open to bicycle travel
Purpose and Policy Statement (cont.)

- 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

State Business 40 (WB)@ M197
The goal of the United States Bicycle Route System is to connect America through a network of numbered interstate bicycle routes.
National Corridor Plan: Arizona
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
- Consider combinations of low daily traffic, low truck traffic, wide paved shoulders, traffic speed
Profile of a Bicycle Tourist

- Highly Educated
- High Discretionary Income
- Bike travelers spend more than average tourist ($100+ daily)
- 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 demo, accounts for 43% of increase in consumer spending

Source: Adventure Cycling Association
ADOT Route Committee

- ADOT, Infrastructure Delivery and Operations Division (IDO), Districts
- ADOT, IDO, Traffic
- ADOT, Multimodal Planning Division
- Arizona Office of Tourism
- Department of Public Safety
- MPOs and COGs
- Representatives of users, including Adventure Cycling Association
Route Committee Tasks

- Refine evaluation criteria
- Identify potential routes within Corridors
- Evaluations
- Field reviews
- Agency and user outreach including adjoining states on connecting points
- Route modifications
- Agency adjustments and agreements
US Bicycle Route 90

- Outside of Metro Areas
US Bicycle Route 90

Inside Tucson Metro
US Bicycle Route 90

- Inside Phoenix Metro
Interactive Map: Open Street Map
# Route Log

**U.S. BICYCLE ROUTE 90 TURN-BY-TURN DIRECTIONS**  
*Updated: July 8, 2015*

<table>
<thead>
<tr>
<th>Turn</th>
<th>Starting Point of Route</th>
<th>Miles on this facility</th>
<th>Turn location and Rd name/designation</th>
<th>General Direction of Travel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Route begins</td>
<td>At the intersection between AZ Hwy 80 and State Line Rd/Chile Pepper Rd</td>
<td></td>
<td>At intersection with G Ave, turn right to continue on SR 80</td>
<td>Southwest</td>
</tr>
<tr>
<td>1</td>
<td>Proceed south along SR 80 towards Douglas</td>
<td>48.2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>SR 80</td>
<td>22.3</td>
<td>At the roundabout take the first exit to continue on SR 80</td>
<td>Northwest</td>
</tr>
<tr>
<td>2a</td>
<td>SR 80</td>
<td>1.5</td>
<td>Turn right onto US 191</td>
<td>West</td>
</tr>
<tr>
<td>3a</td>
<td>US 191</td>
<td>18.3</td>
<td>Turn left onto Davis Rd (Cochise County)</td>
<td>North</td>
</tr>
<tr>
<td>4a</td>
<td>Davis Rd</td>
<td>24</td>
<td>Turn right onto SR 80</td>
<td>Northwest/West</td>
</tr>
<tr>
<td><strong>route alternative to avoid steep grades through Bisbee (for designated route, skip to Turn 3)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>SR 80</td>
<td>1.6</td>
<td>Bear left at fork with Main St/Old Bisbee and continue on SR 80</td>
<td>Northwest</td>
</tr>
<tr>
<td>4</td>
<td>SR 80</td>
<td>1.7</td>
<td>Turn right onto ramp for West Blvd; follow ramp around and turn right onto West Blvd (City of Bisbee)</td>
<td>Northwest</td>
</tr>
<tr>
<td>5</td>
<td>West Blvd</td>
<td>0.35</td>
<td>West Blvd turns into Old Divide Rd (Cochise County) at a sharp hairpin turn</td>
<td>West</td>
</tr>
<tr>
<td>6</td>
<td>Old Divide Rd</td>
<td>1.3</td>
<td>Turn right onto SR 80</td>
<td>North</td>
</tr>
<tr>
<td>7</td>
<td>SR 80</td>
<td>5.5</td>
<td>At intersection with SR 90, keep right to stay on SR 80</td>
<td>Northwest</td>
</tr>
<tr>
<td>8</td>
<td>SR 80</td>
<td>15.8</td>
<td>Turn left onto 1st St (City of Tombstone)</td>
<td>North/Northwest</td>
</tr>
<tr>
<td>9</td>
<td>1st St</td>
<td>0.1</td>
<td>Turn right onto Allen St (City of Tombstone)</td>
<td>South</td>
</tr>
<tr>
<td>10</td>
<td>Allen St</td>
<td>0.1</td>
<td>Turn left onto Summer St (City of Tombstone); Summer St turns into Charleston Rd (City of Tombstone/Cochise County)</td>
<td>West</td>
</tr>
<tr>
<td><strong>route alternate ends in Tombstone, proceed to Turn 5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# Agency Support for USBR 90

<table>
<thead>
<tr>
<th>USBR 90 Roadway Owner</th>
<th>Main Point of Contact</th>
<th>Concurrence Received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maricopa County</td>
<td>Denise Lacey, County DOT Systems Planning Branch Manager</td>
<td>✓</td>
</tr>
<tr>
<td>City of Apache Junction</td>
<td>Larry Kirch, City Development Services Director</td>
<td>✓</td>
</tr>
<tr>
<td>City of Glendale</td>
<td>Purab Adabala, City Senior Transportation Analyst</td>
<td>✓</td>
</tr>
<tr>
<td>City of Mesa</td>
<td>Jim Hash, City Bicycle and Pedestrian Coordinator</td>
<td>✓</td>
</tr>
<tr>
<td>City of Peoria</td>
<td>Brandon Forrey, City Transportation Planning Engineer</td>
<td>✓</td>
</tr>
<tr>
<td>City of Phoenix</td>
<td>Joe Perez, City Bicycle Coordinator</td>
<td>✓</td>
</tr>
<tr>
<td>City of Scottsdale</td>
<td>Susan Conklu, City Transportation Planner</td>
<td>✓</td>
</tr>
<tr>
<td>City of Tempe</td>
<td>Susan Taaffe, City Public Works Supervisor</td>
<td>✓</td>
</tr>
<tr>
<td>Flood Control District of Maricopa County</td>
<td>Scott Vogel, Engineering Division Manager</td>
<td>✓</td>
</tr>
<tr>
<td>Salt River Project</td>
<td>Jim Duncan, Senior Analyst, Water Engineering</td>
<td>✓</td>
</tr>
<tr>
<td>City of Bisbee</td>
<td>Thomas Klimek, City Public Works Director</td>
<td>✓</td>
</tr>
<tr>
<td>City of Sierra Vista</td>
<td>Sharon Flissar, City Engineer; Don Brush, City Community Development Director</td>
<td>✓</td>
</tr>
<tr>
<td>City of Tombstone</td>
<td>Dustin Escapule, City Mayor</td>
<td>✓</td>
</tr>
<tr>
<td>City of Tucson</td>
<td>Ann Chanecka, City Bicycle and Pedestrian Program Coordinator</td>
<td>✓</td>
</tr>
<tr>
<td>Town of Marana</td>
<td>Brian Varney, Town Planner</td>
<td>✓</td>
</tr>
<tr>
<td>Cochise County</td>
<td>Karen Lamberton, County Transportation Planner</td>
<td>✓</td>
</tr>
<tr>
<td>Pima County</td>
<td>Matt Zoll, County Bicycle Coordinator</td>
<td>✓</td>
</tr>
<tr>
<td>Santa Cruz County</td>
<td>Jesus Valdez, County Engineer</td>
<td>✓</td>
</tr>
</tbody>
</table>
US Bicycle Route 66

- Segments without agency concurrence

- Mohave County: Oatman Rd, Oatman-Topock Hwy
- Yavapai County: Historic Route 66 west of Seligman
- Apache County: County Road 7060 (I-40 Frontage Road)
US Bicycle Route 79

Segments without concurrence

Yavapai County: Pioneer, Williamson Valley, Iron Springs

Grand Canyon NP Desert View Dr
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
Next Steps

- Continue working with agencies that did not provide concurrence
- Maintain communications with Nevada and Utah regarding USBR 70
- Develop Promotion Plan
Promotion Plan

- Update *Cycle Arizona Bicycle User Map*
- Printed and electronic maps
- 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
Thank You!

Questions?
MSanders@azdot.gov
or
602.712.8141

ADOT Bike/Ped Website:
http://www.azbikeped.org/