Broadway Road Bicycle, Pedestrian & Streetscape Project

Issue Review Session
Tempe City Council
November 21, 2013
Project Location & Intent

- Broadway Road (Rural - Mill)
- 1 mile length
- Daley Park, University Park, University Heights & Broadmor
- Tempe High School
- Commercial businesses & single family on street front
- Provide stronger multi-modal facilities, access for all users, & support neighborhood and business stability/success
Project History & Funding

- 2001 Corridor Study
- 2004 Tempe Comprehensive Transportation Plan
- 2005-2007 Federal Grant Applications
  - $3.57 Million
- 2008 - 2010 Initial Public Process
- 2013 Reconfigured Project Team & New Public Process
  - Feb, June, October - Public Meetings
  - May – City Council
Current Conditions

- 5 lane arterial (3 EB / 2 WB with center turn lane, 35-40 MPH speed limits)
- Broadway Lane Frontage Road (north side)
- 4-8 ft. sidewalks, some ADA issues
- No bicycle lanes
- Vehicle volume decline (35%)
  - 2004: 38,594 VPD
  - 2012: 25,209 VPD
Right-Of-Way Limits
Public Process

- Transportation Commission (5x)
- Design Review Commission
- Mayors Commission on Disability Concerns (2x)
- Public Meetings – February, June, October 2013
  - Project website, door hangers, press releases, social media, direct mailers (Broadway Lane & Road property owners & entire project area) – 170 total comments documented / 80 comments since June
  - Separate meetings with property owners and businesses
  - Presented lane removal options & base treatment options (bike lanes, sidewalks, medians, trees, wall)
- City Council Issue Review Session – May 30, 2013
  - Support for advancing lane removal option and project design, with closure simulation
- Lane Closure Simulation Sept 16-30
Traffic Volumes

- Broadway Rd - Mill Ave to Rural Rd
- PROJECTED 4-LANE VOLUME - Mill Ave to Rural Rd
- Mill Ave - Southern Ave to Superstition (US60)
- Mill Ave - Apache Blvd to Broadway Rd
- University Dr - McClintock Dr to Price
- University Dr - Rural Rd to McClintock Dr
- University Dr - Mill Ave to Rural Rd
- University Dr - Priest to Mill Ave
- University Dr - SR143 to Priest Dr
Traffic Volumes

Average Annual Daily Traffic Volumes

<table>
<thead>
<tr>
<th>Year</th>
<th>Mill Ave to Rural Rd (62)</th>
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<tbody>
<tr>
<td>2004</td>
<td>38,594</td>
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<tr>
<td>2007</td>
<td>33,839</td>
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<tr>
<td>2009</td>
<td>29,614</td>
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<tr>
<td>2012</td>
<td>25,209</td>
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Lane Closure Simulation Data

- Sept 16-30 lane closure simulation
- Data collected at 25 locations (before and during simulation)
- Broadway Road and surrounding streets performed well
- No significant increase in back-up at Mill Ave or at Rural Rd
- No streets exceeded 10% increase in daily volumes (accepted daily fluctuation)
Project Elements Advancing Based On Public Feedback & Data

- 1 eastbound lane removal
- Landscaped median islands w/ left turn access
- Widened sidewalks & ADA upgrades
- Bike lanes
- Street trees (side of road, medians)
- Public art
- Wall treatment (north side)
- Lighting upgrades
- Signalized pedestrian crossing between Ventura & Sierra Vista
Recommended Design
Recommended Design
Recommended Design
Recommended Design
Recommended Design

Project Elements:
- Bike Lanes (both directions of travel, including possible barrier treatment)
- Median islands, with optional planters
- S. Vale / Oakman Boulevard, detailed design to be developed, including
- Flowering or non-flowering boulevard
- S. Colwood with raised trees on south side of Broadway Road
- 4 Boulevard lanes of travel removed
Broadway Lane
Broadway Lane
Next Steps / Direction

- Support recommended concept with lane removal
- Bike lanes, wider sidewalks, street trees, medians, wall treatments, lighting public art
- Continued public involvement
  - Resident, business & stakeholder outreach
- Construction documents & environmental approvals
  - Winter 2013 – June 2014
- Construct Fall 2014 – Summer 2015