Broadway Road: Bicycle & Pedestrian Streetscape Enhancements Project

10.17.2013
Project Location

- Broadway Road (Rural - Mill)
- 1 mile length
- Broadmor, Daley Park, University Park and University Estates
- Tempe High School
- Residential & Commercial mix
Project History & Funding

- 2001 Corridor Study
- 2003 Tempe General Plan 2030
- 2004 Tempe Comprehensive Transportation Plan
- 2005-2007 Federal Grant Applications/Funds
  - $3.857 Million
  - +/-$5K annual O&M
- 2008 - 2010 Initial Public Process
- 2012 - 2013 Reconfigured Project Team & Public Process
  - Public meetings February & June, 2013
  - City Council May, 2013
Conditions

- 5 lane arterial (3 EB / 2 WB w/ center turn lane, 35-40 MPH speed limits) & Broadway Lane Frontage Road
- 4-8 ft. sidewalks, some ADA issues
- No bike lanes
- Traffic volume decline

<table>
<thead>
<tr>
<th>Year</th>
<th>Average Annual Daily Traffic Volumes</th>
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<tr>
<td>2004</td>
<td>38,594</td>
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<tr>
<td>2007</td>
<td>33,839</td>
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<td>2009</td>
<td>29,614</td>
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<td>2012</td>
<td>25,209</td>
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City Right-of-Way / Conditions
Public Process

- **Public Meeting – February 25 & June 11, 2013**
  - Project website, door hangers, press releases, social media, direct mailers (Broadway Lane & Road property owners & entire project area)
  - Separate meetings with property owners & businesses
  - Presented options including lane removal & base treatment options (bike lanes, sidewalks, medians, trees, wall)
  - Presented ROW information for each property owner

- **Board & Commission review (Transportation Commission 3x)**

- **City Council May 2013— IRS Support for lane removal and general concept**
  - Simulate lane closure
  - Return Fall 2013
Project Elements Advancing Based on Public Input

- Eastbound lane removal
- Landscape median islands w/ left turn access
- Widened sidewalks (south side) & ADA upgrades
- Bike lanes (green at intersections)
- Street trees / Side of road, medians
- Wall treatment (north side)
- Signalized crosswalk between Ventura & Sierra Vista (modified location from June)
Conceptual Plan

- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median islands with left turn access
- 5' Wall / Buffer (Element detailed design to be developed, including landscaping) on north side of Broadway Road
- 5' Sidewalk with street trees on south side of Broadway Road
- 1 Eastbound lane of travel removed

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Legend:
- Drivable Continuation
- Left Turn Lane
- Bus Stop
- Landscaped Plaza
- Proposed Sidewalk and Driveways
- Right-of-Way

Project Elements

- Hammond Drive
- Forest Avenue
- College Avenue

Sheet 2
Conceptual Plan

Project Elements:
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median islands with left turn access
- 3' Wall / Buffer Element (deemed design to be developed, including landscaping) on north side of Broadway Road
- 3' Sidewalks with street trees on south side of Broadway Road
- 1 Eastbound lane of travel removed

Legend:
- Driveable Continuous Left Turn Lane
- Bus Stop
- Landscaped Plant
- Proposed Sidewalks and Driveways
- Right-of-Way

Sheet 3
Conceptual Plan

Project Elements:
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median Islands, with left turn access
- 6' Wall / Buffer Element (detailed design to be developed, including landscaping on north side of Broadway Road)
- 8' Sidewalks with street trees on south side of Broadway Road
- 3 Eastbound lane of travel removed

Legend:
- 3' Wall
- 8' Wall
- 10' Landscaped Robed Median
- Proposed Sidewalks and Driveways
- Right of Way
- Driveway Continuous Left Turn Lane
- Bus Stop
- Landscaped Place
- Bike Lane

Sheet 4
Conceptual Plan

Project Elements
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median islands, with left turn access
- 5' Wall / Buffer Element (detailed design to be developed, including landscaping) on north side of Broadway Road
- 5' Sidewalks with street trees on south side of Broadway Road
- 1 Eastbound lane of travel removed
Corridor-wide Conceptual Landscape Treatments

- Tree Groves at Gateways
- Desert Plantings between gateway nodes
Corridor-wide Conceptual Landscape Treatments

Gateway Grove Concept

Desert Median Concept

Parsons Brinckerhoff
Corridor-wide Landscape Palette

East Broadway Road Design Concept
Conceptual Wall Treatments

Wall Elevation, not to scale

Split Faced, Textured Concrete Block Wall at Rural Road

Broadway Road
Wall Option 1  10.17.13
Conceptual Wall Treatments

Wall Elevation, not to scale

Concrete Block Wall, Half-Height Units, Stacked Bond Pattern
Art Wall Treatment at Mill Street
Split Faced Concrete Block Wall, Honed Finish, Stacked Bond Pattern

Broadway Road
Wall Option 2 10.17.13
• 2 Lanes EB/2 Lanes WB
• 8’ Sidewalk & Trees on South Side
• Parking Allowed on Broadway Lane/4’ Sidewalk
• Builds into City Right-of-Way

Encanto Drive to College Avenue
- 2 Lanes EB/2 Lanes WB
- 8’ Sidewalk & Trees on South Side
- Parking Allowed on Broadway Lane/Cars & Pedestrians Share Street Space
- Builds into City Right-of-Way

Ventura Drive to Rural Road
Parsons Brinckerhoff

- 2 Lanes EB/2 Lanes WB
- 8' Sidewalk & Trees on South Side
- No Parking on Broadway Lane/5' Sidewalk
- Does Not Require Building into City Right-of-Way

El Camino Drive to Sierra Vista Drive
Traffic Data
Next Steps / Direction

- Develop construction documents with design details for project
- Comment cards going around – Voice your opinion
- Coordinate with business, property owners and residents of Broadway Road and Lane for specific design solutions
- November/December City Council Review
- Construction Documents & Environmental Approvals Winter 2013/14
- Construct Fall 2014
- Stay informed: [www.tempe.gov/broadwayroad](http://www.tempe.gov/broadwayroad)
How you can get involved?

- Voice your opinion
  - Comment cards going around
  - Project website: [www.tempe.gov/broadwayroad](http://www.tempe.gov/broadwayroad) comment thru Oct. 28

- Feedback
  - Overall Project Design
  - Mid-block Pedestrian Crossing
  - Wall & Landscape Treatments