Broadway Road: Bicycle & Pedestrian Streetscape Enhancements Project

06.11.2013
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 Reconfigured Project Team & Public Process
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
Early Project Concepts Vetted

• Cost & Policy Decisions (concepts evaluated, not advanced in this phase):

  – Additional lighting or pedestrian level lighting
  – Bus pull outs
  – Widening of street or Land (ROW) Purchase

• Project may require use of existing ROW
City Right-of-Way / Conditions
City Right-of-Way / Conditions
Public Process

- Public Meeting – February 25, 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 5 total options including lane removal & base treatment options (bike lanes, sidewalks, medians, trees, wall/buffer)
  - Presented ROW information for each property owner

- Boards & Commission review (Transportation Commission 3x)

- City Council – IRS Support for lane removal and general concept
  - Return Fall 2013
Public Response

- 81 respondents (5,800 notified)
- Majority support for:
  - Lane removal (EB)
  - Wall/Buffer treatment
  - Landscaping & median islands
  - Bike lanes & sidewalks
  - Sierra Vista crosswalk
Project Elements Advancing

- Landscape median islands w/ left turn access
- Widened sidewalks (south side) & ADA upgrades
- Bike lanes (green at intersections) & possible buffer treatment
- Street trees / Side of road, medians
- Wall / Buffer treatment (north side)
- Sierra Vista crosswalk
- Public art
Conceptual Plan View 1

Project Elements
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median Islands, with left turn access
- 8' Wall / Buffer Element (detailed design to be developed, including landscaping) on north side of Broadway Road
- 8' Sidewalks on south side of Broadway Road
- 2 Eastbound lanes of travel removed
Conceptual Plan View 4

Project Elements:
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median islands, with left turn access
- 8’ 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
- 1 Eastbound lane of travel removed

Legend:
- Driveable Continuous Left Turn Lane
- Bus Stop
- Landscaped Place
- Bike Lane
- Right of Way
- Proposed Sidewalks and Driveways
- 10’ Landscaped Raised Median
- 3’ Wall
Conceptual Plan View 5

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

Legend
- Drivable Continuous Left Turn Lane
- Bus Stop
- 3' Wall
- 6' Wall
- 3' Landscaped Raised Median
- Proposed Sidewalks and Driveways
- Landscaped Plaza
- Right-of-Way

Parsons Brinckerhoff
Conceptual Plan View 6

Project Elements
- Bike Lanes (both directions of travel, including possible buffer treatment)
- Median islands, with left turn access
- 8' 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
- 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
Conceptual Wall Treatments

Traditional Wall
Conceptual Wall Treatments

Sandstone and Corten
Conceptual Wall Treatments

Precast and Corten
Conceptual Wall Treatments

Corten Panels
Conceptual Wall Treatments

Textured Precast
Conceptual Wall Treatments

Gabion Wall
Next Steps / Direction

• Summer 2013
• Advance preferred alternative
  • Simulated closure in September 2013
• Develop wall/buffer and landscape design details
  • Comment cards going around – Voice your opinion
• Coordinate with business, property owners and residents of Broadway Road and Lane for specific design solutions
• Fall 2013 Public Meeting & City Council Review
• Construction Documents & Environmental Approvals Winter 2013/14
• Construct Fall 2014
Option 2A – 4 lanes, Traditional

- 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
Option 2B – 4 lanes, Shared

- 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
Option 2C – 4 lanes, Existing back S/W

- 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
How you can get involved?

• Voice your opinion
  – Comment cards going around
  – Project website:  [ww.tempe.gov/broadwayroad](http://ww.tempe.gov/broadwayroad)

• Feedback
  – Overall Project design
  – Sierra Vista crossing
  – Wall character
  – Landscaping and median character
Questions?