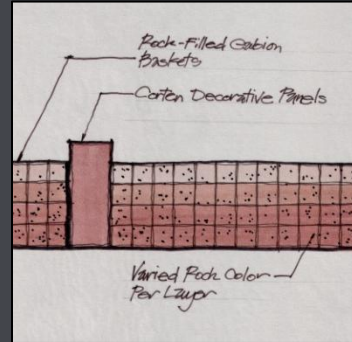
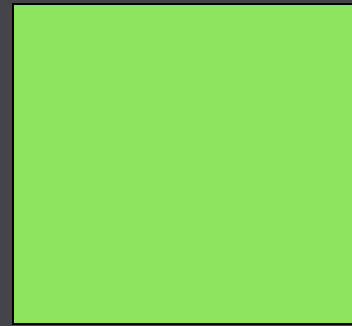


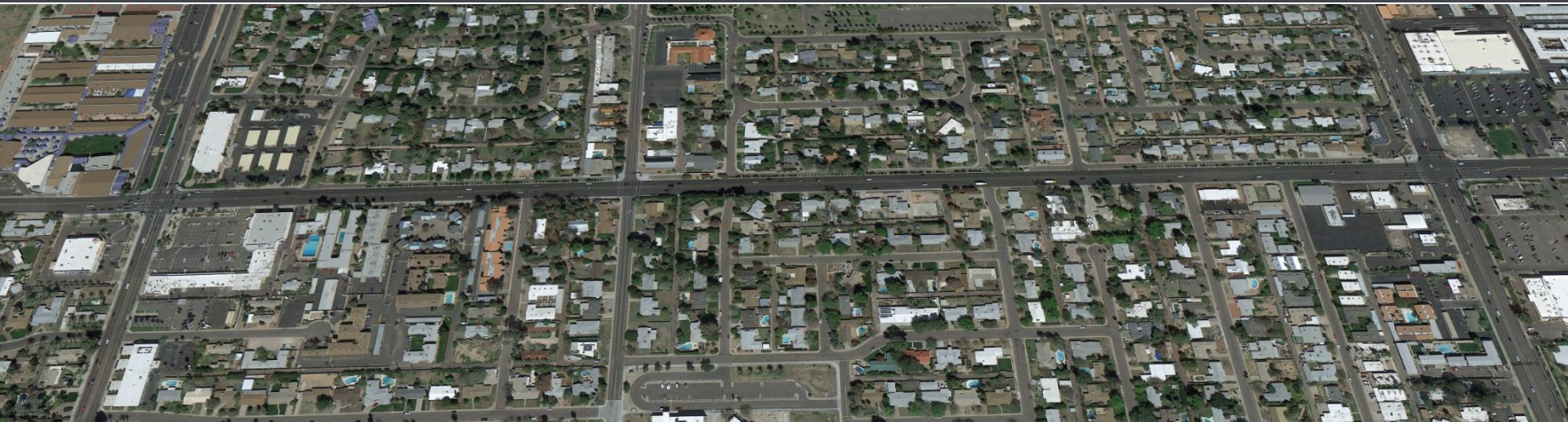
# Broadway Road: Bicycle & Pedestrian Streetscape Enhancements Project

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

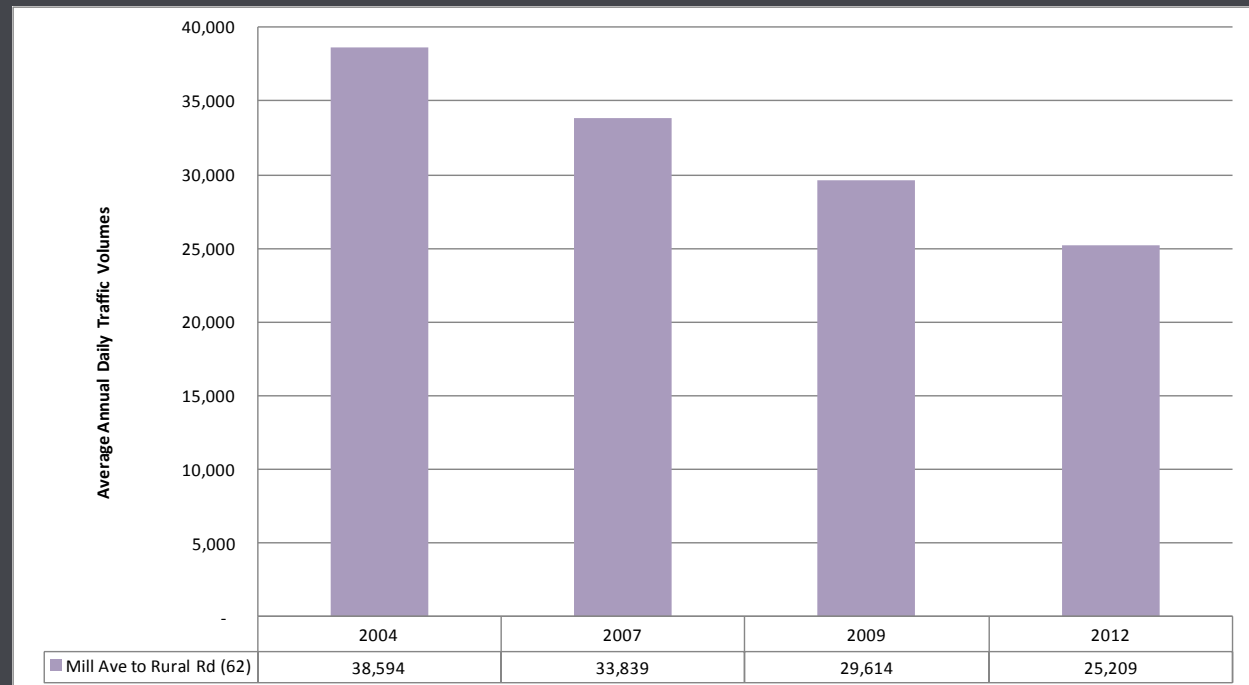


- 2001 Corridor Study
- 2003 Tempe General Plan 2030
- 2004 Tempe Comprehensive Transportation Plan
- 2005-2007 Federal Grant Applications/Funds
  - \$3.857Million
  - +-\$5K annual O&M
- ⑩ 2008 - 2010 Initial Public Process
- ⑩ 2012 Reconfigured Project Team & Public Process



# 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

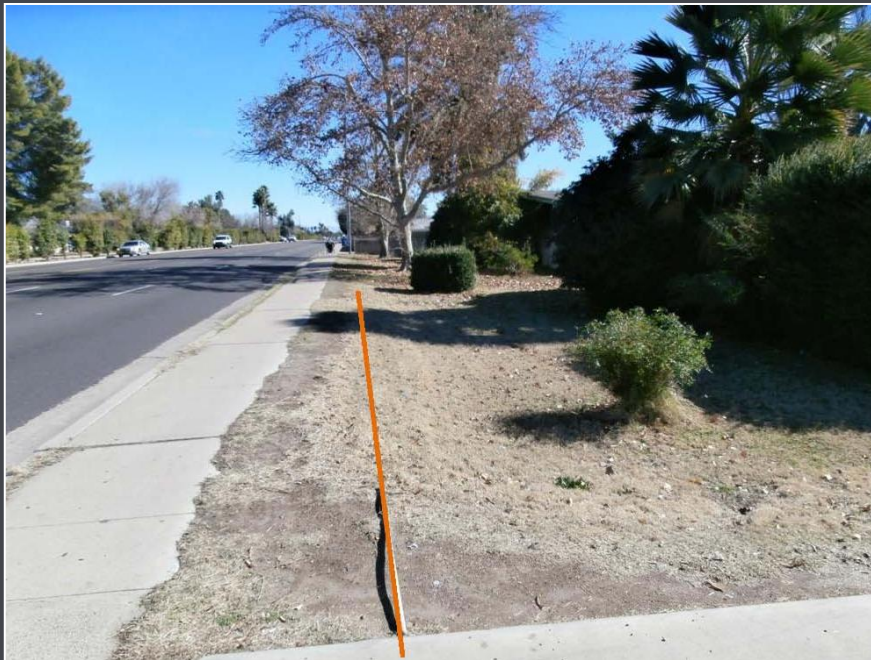




# City Right-of-Way / Conditions



# City Right-of-Way / Conditions



# Public Process

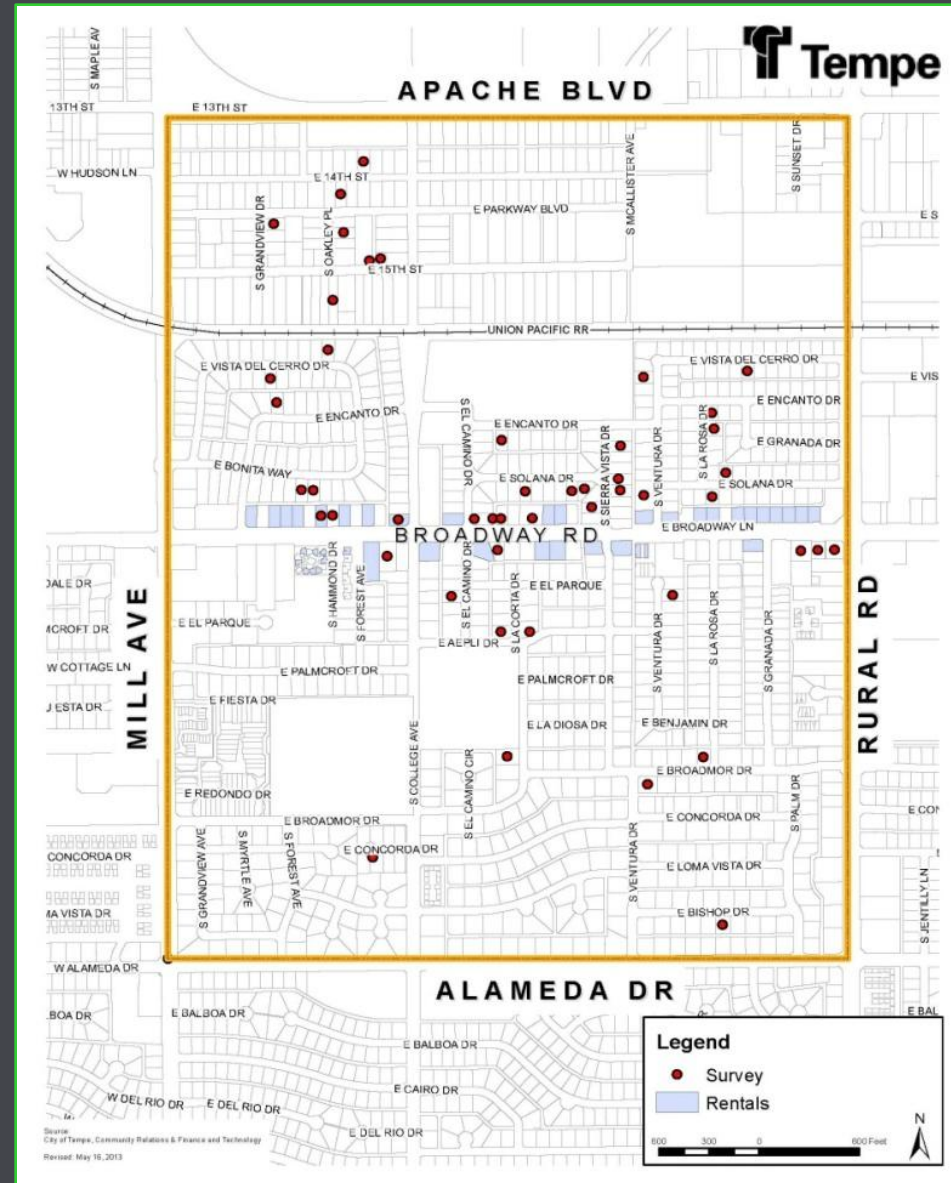
- Public Meeting – February 25, 2013
  - Project website, door hangers, press releases, social media, direct mailers (Broadway Lane & Road property owners & entire project area)
  - Separate meetings with property owners & businesses
  - Presented 5 total options including lane removal & base treatment 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





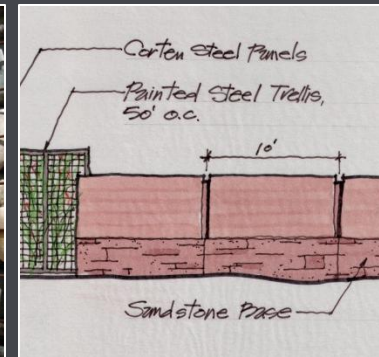
# Public Response

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

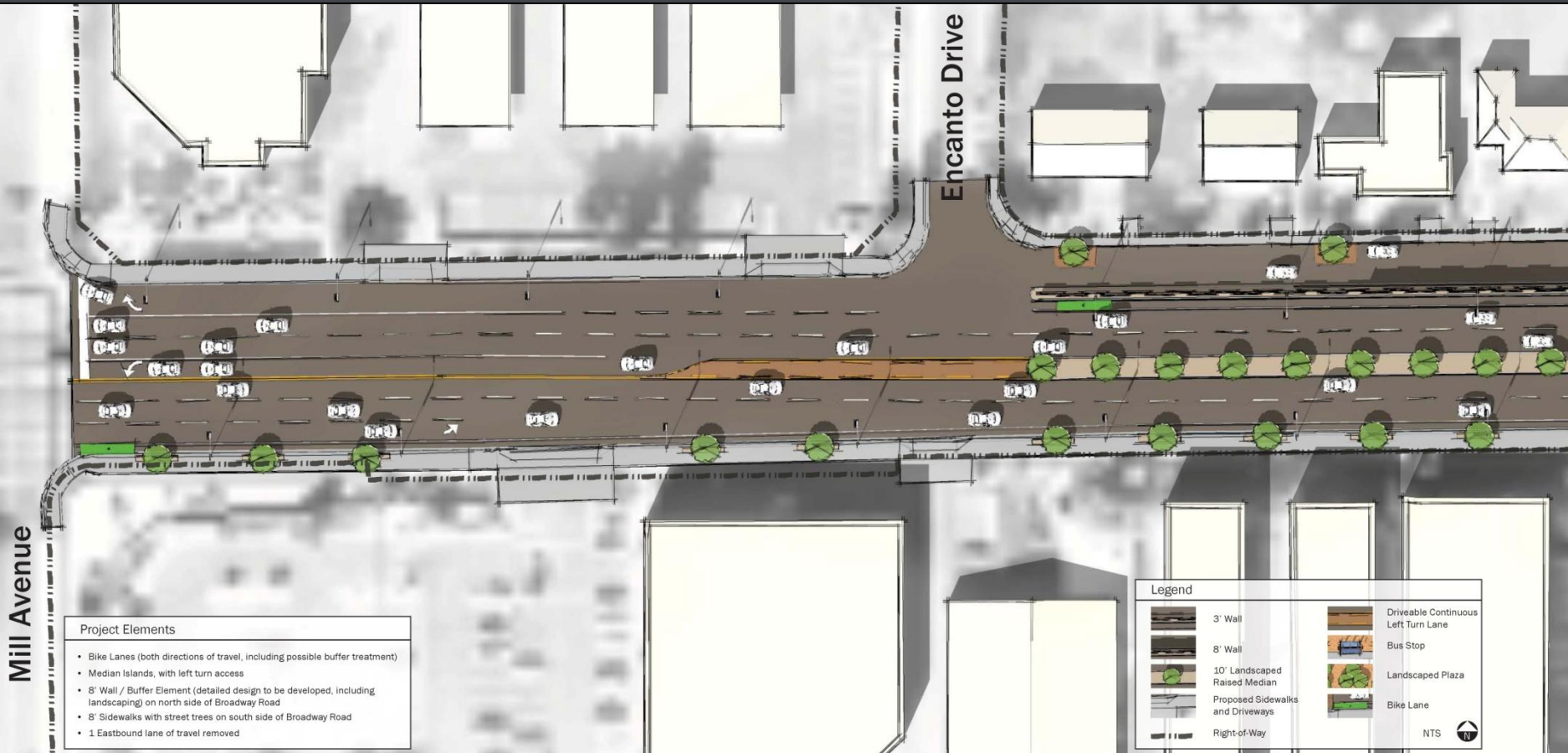


# Project Elements Advancing

- 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

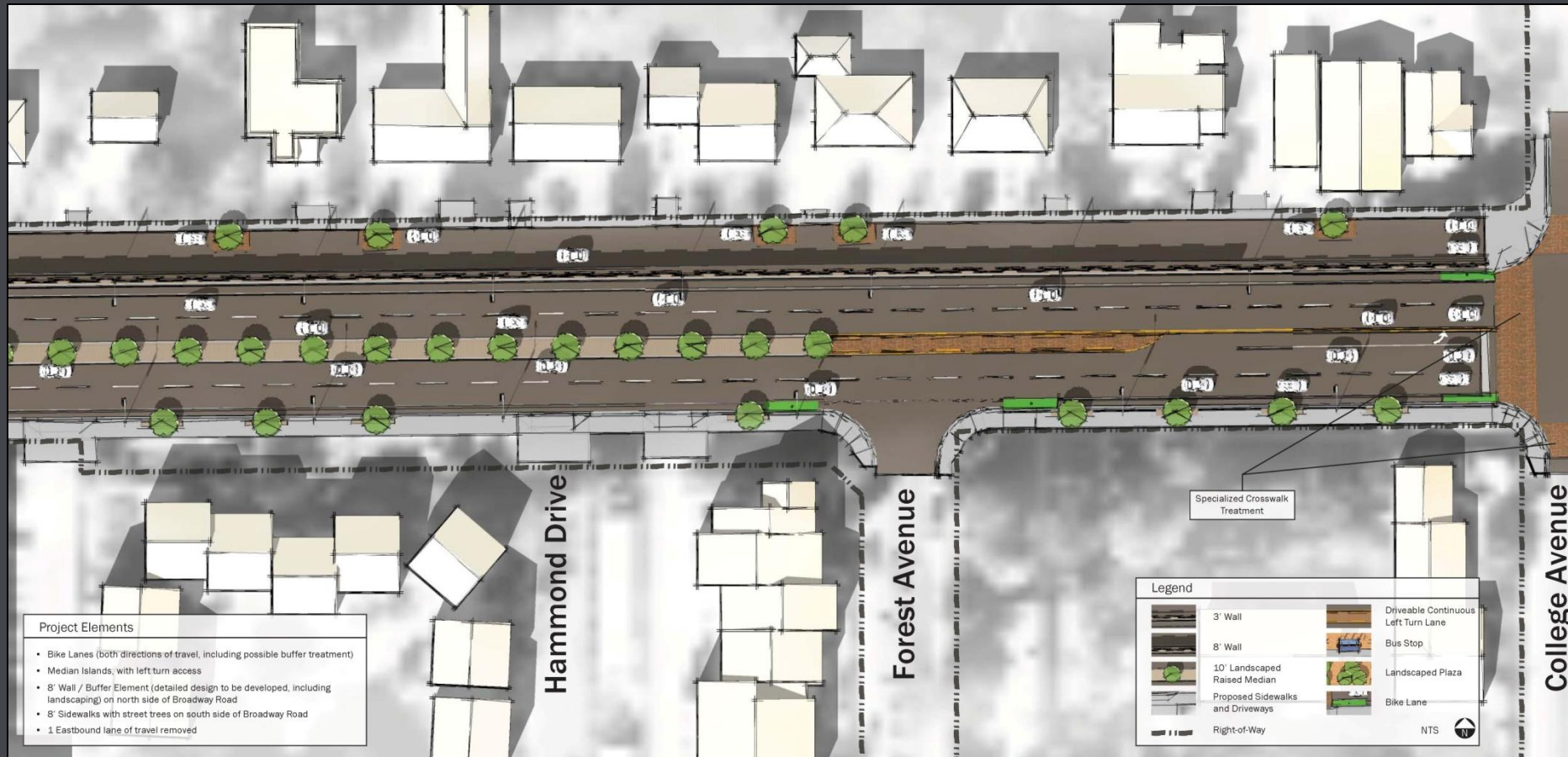


# Conceptual Plan View 1



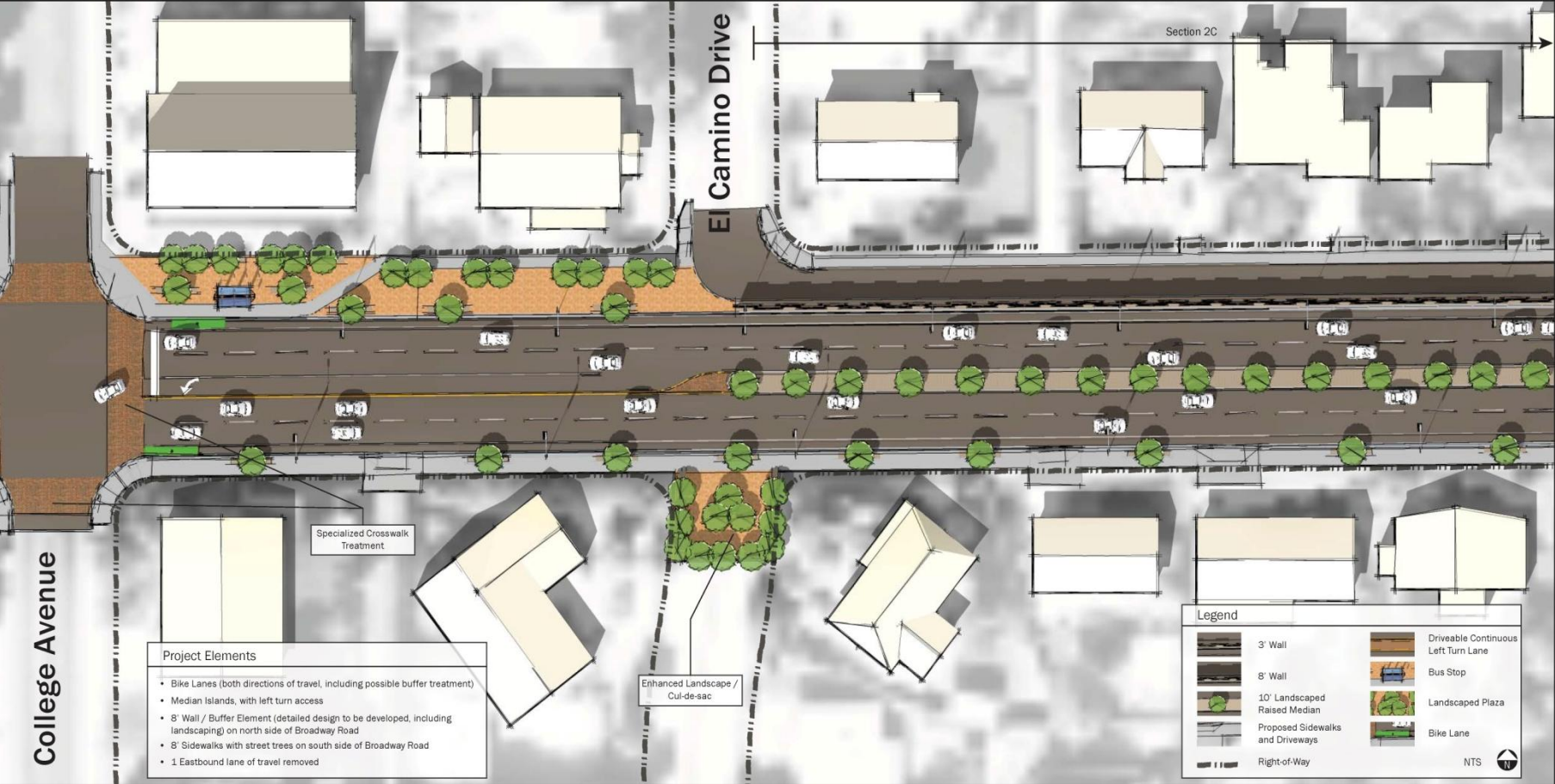


# Conceptual Plan View 2





# Conceptual Plan View 3



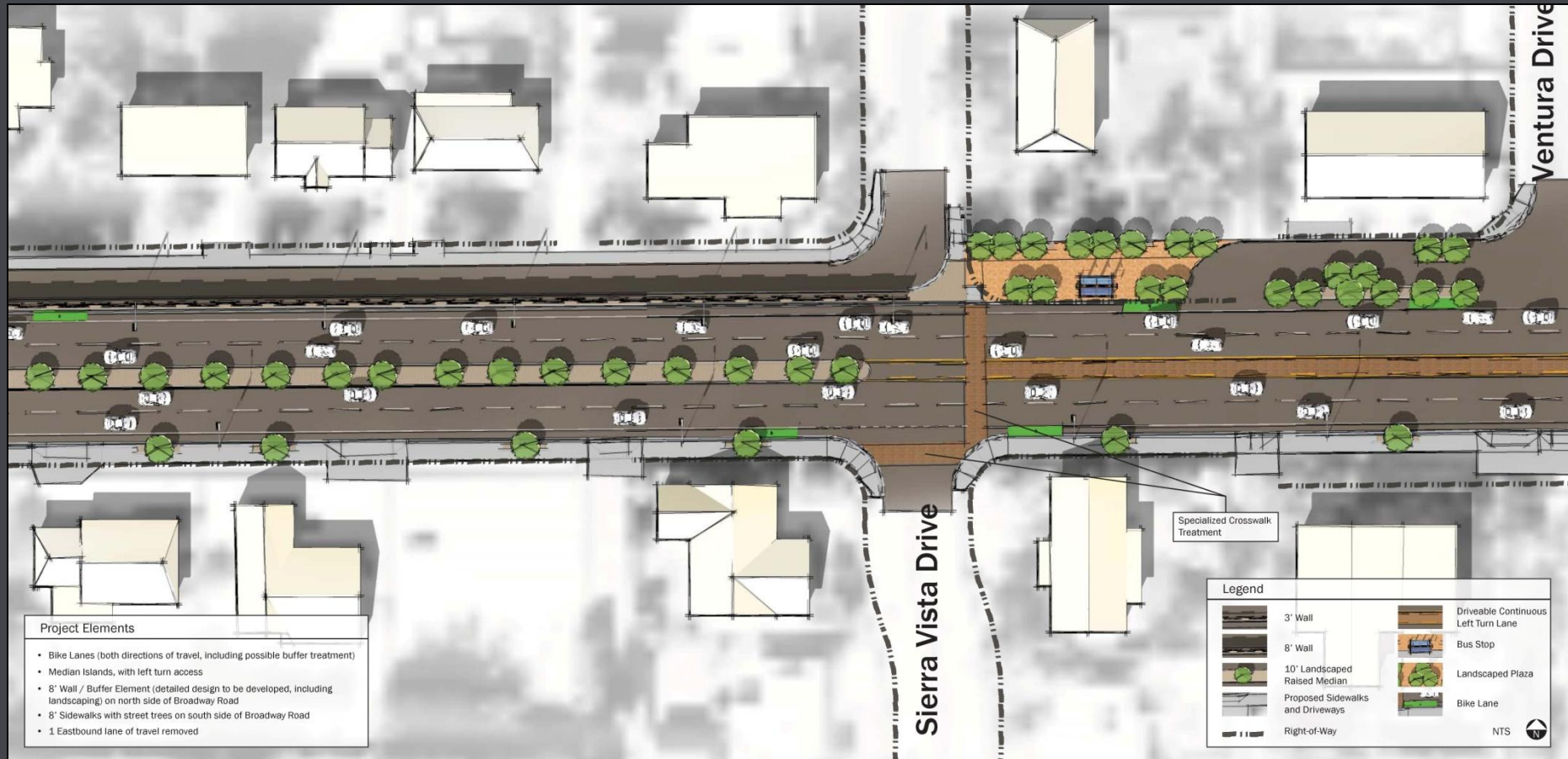
- Project Elements**
- Bike Lanes (both directions of travel, including possible buffer treatment)
  - Median Islands, with left turn access
  - 8' Wall / Buffer Element (detailed design to be developed, including landscaping) on north side of Broadway Road
  - 8' Sidewalks with street trees on south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

**Legend**

	3' Wall		Driveable Continuous Left Turn Lane
	8' Wall		Bus Stop
	10' Landscaped Raised Median		Landscaped Plaza
	Proposed Sidewalks and Driveways		Bike Lane
	Right-of-Way		NTS

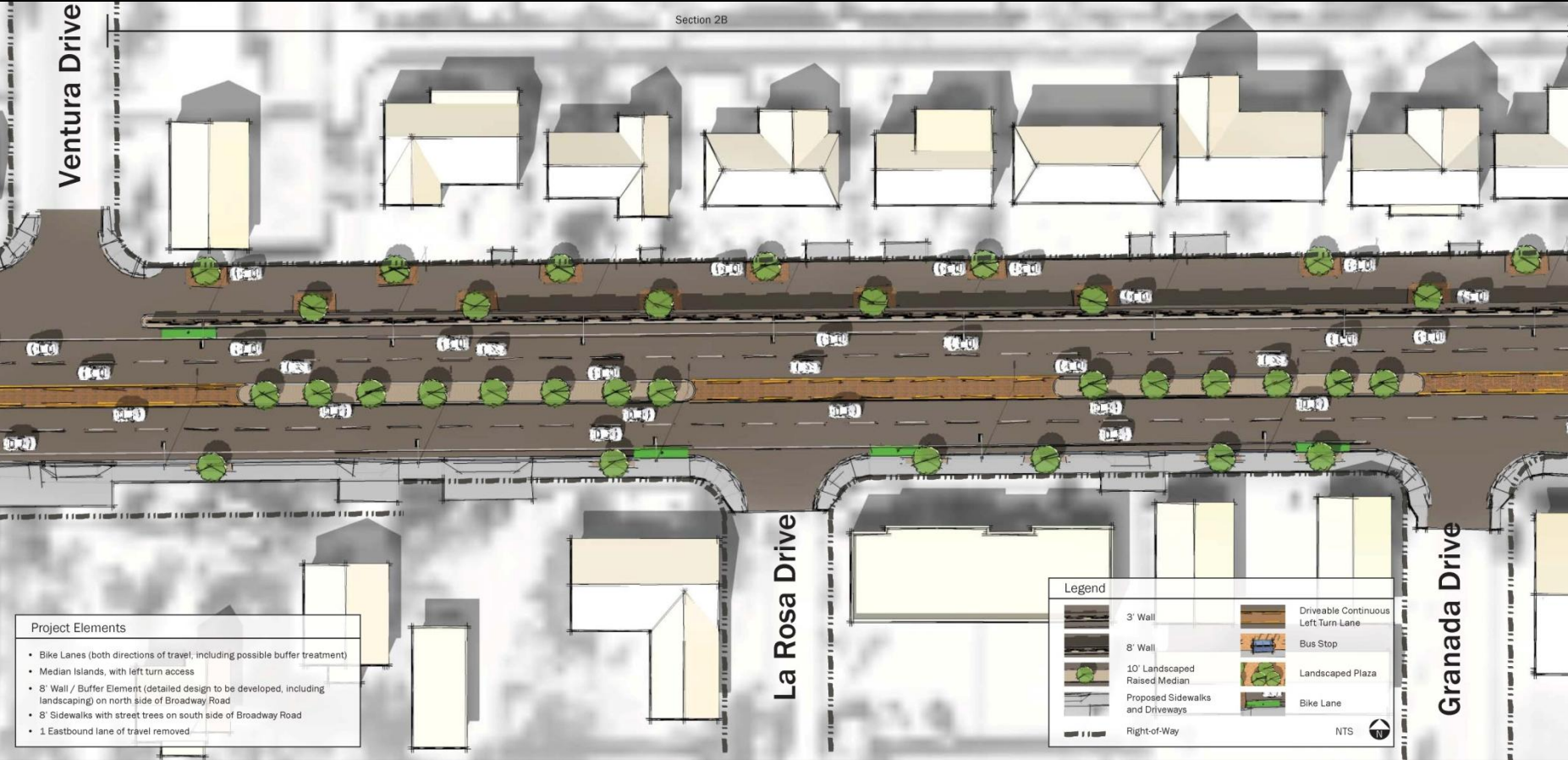


# Conceptual Plan View 4

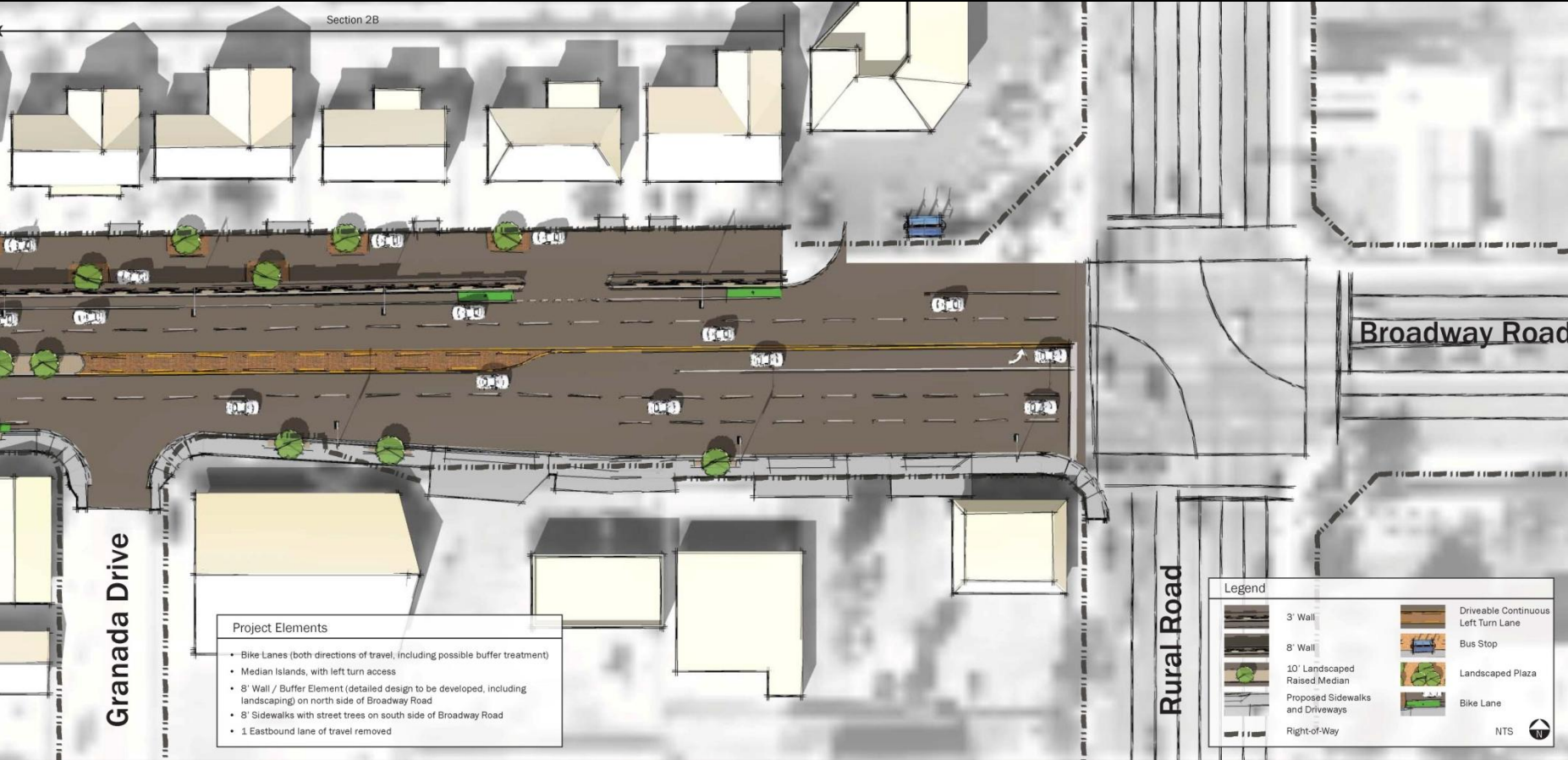




# Conceptual Plan View 5



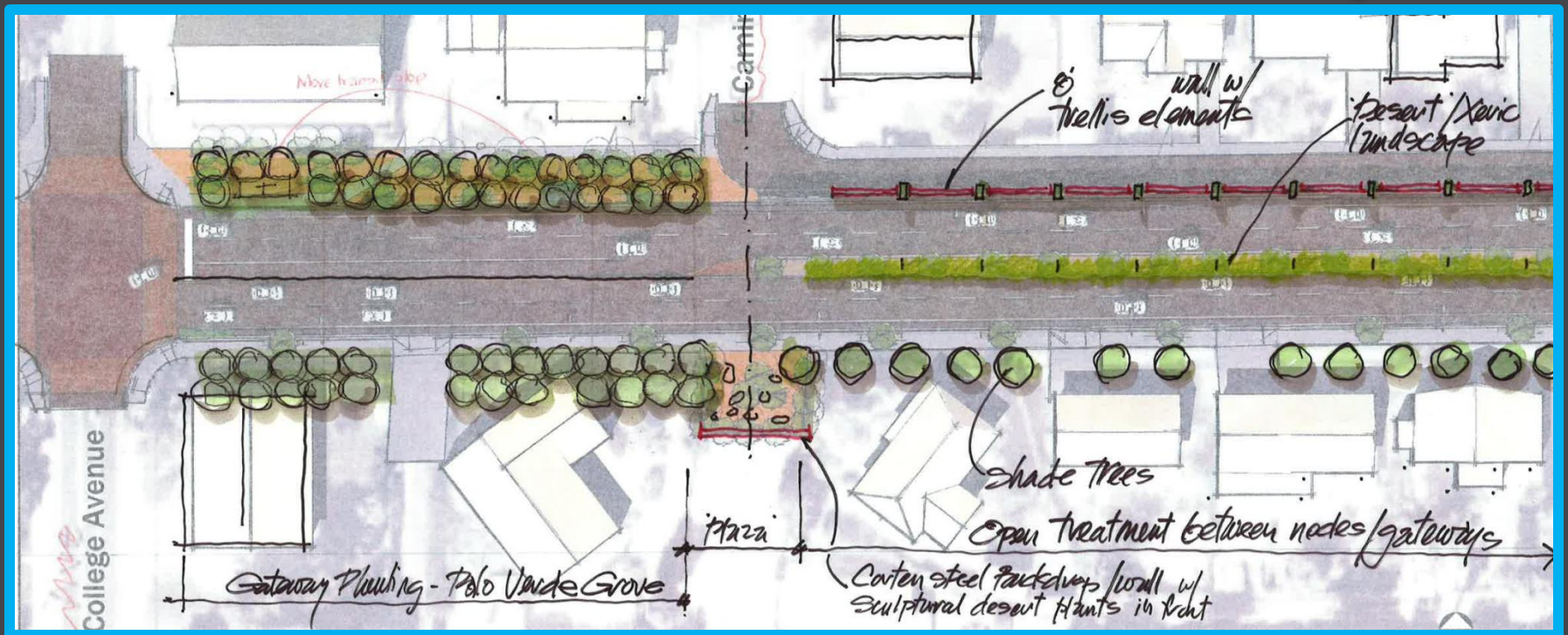
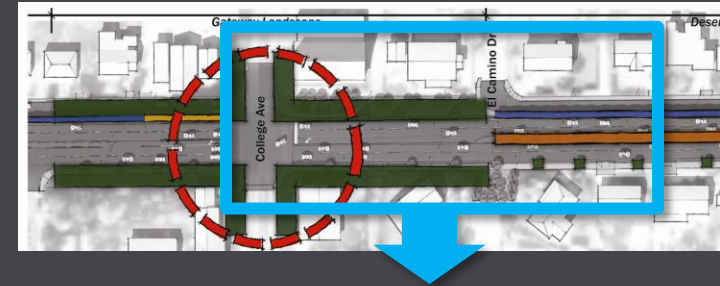
# Conceptual Plan View 6





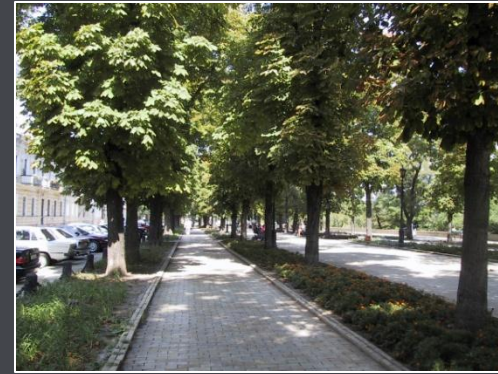
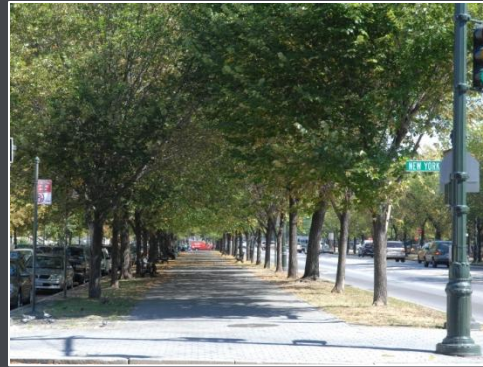
# Corridor-wide Conceptual Landscape Treatments

- Tree Groves at Gateways
- Desert Plantings between gateway nodes



# Corridor-wide Conceptual Landscape Treatments

## Gateway Grove Concept



## Desert Median Concept





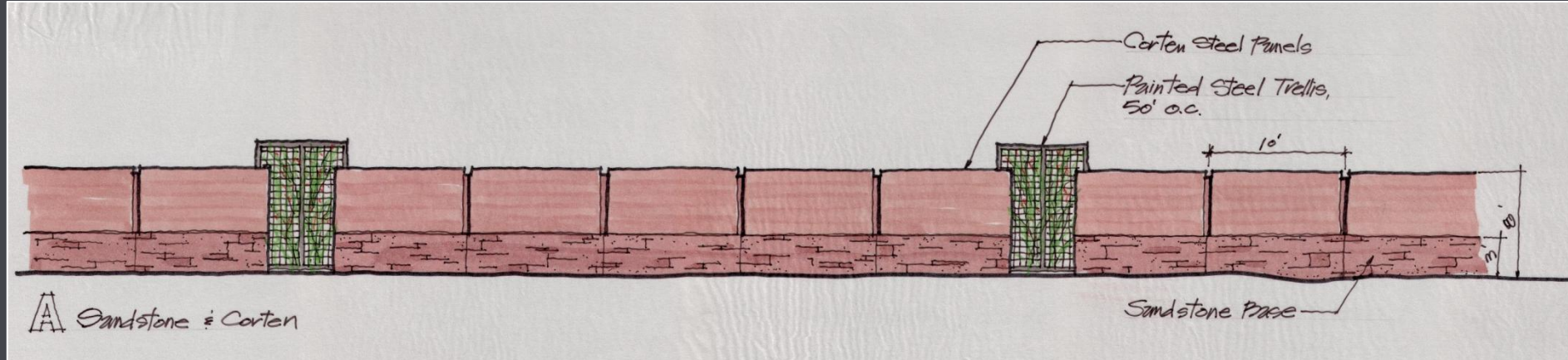
# Conceptual Wall Treatments

## Traditional Wall



# Conceptual Wall Treatments

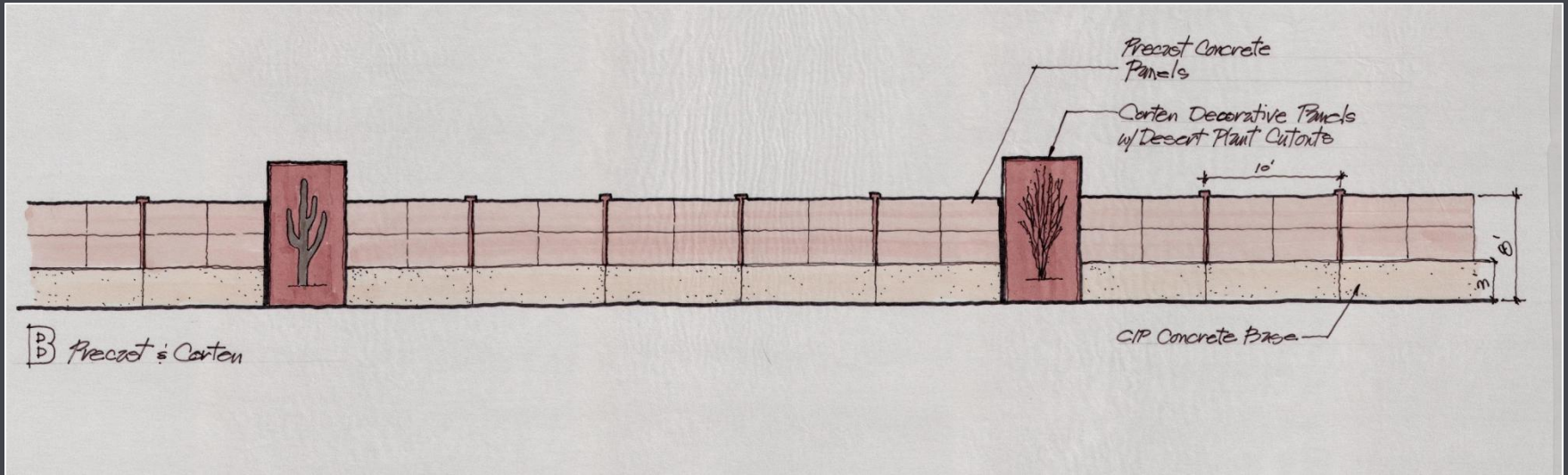
## Sandstone and Corten





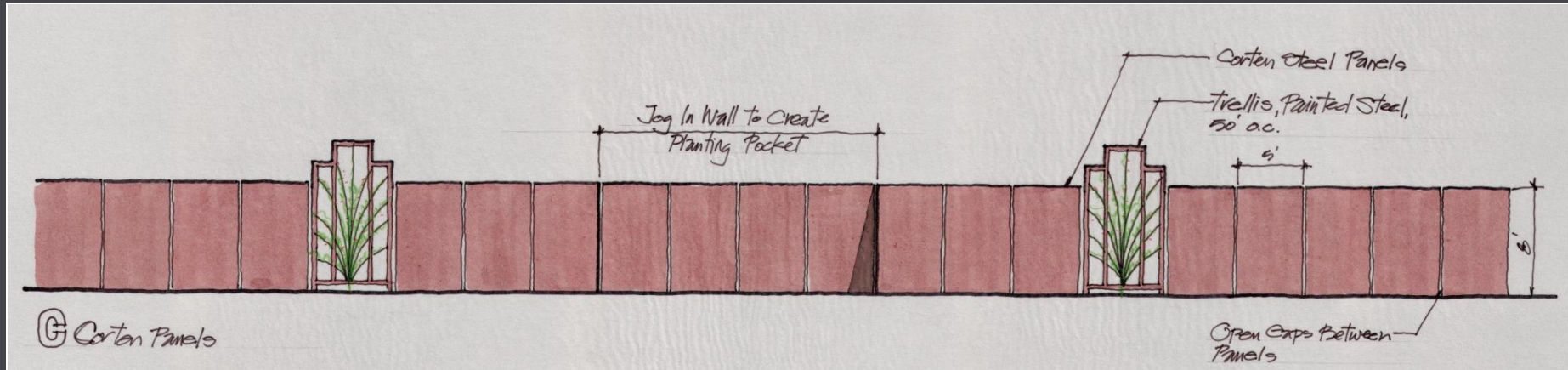
# Conceptual Wall Treatments

## Precast and Corten



# Conceptual Wall Treatments

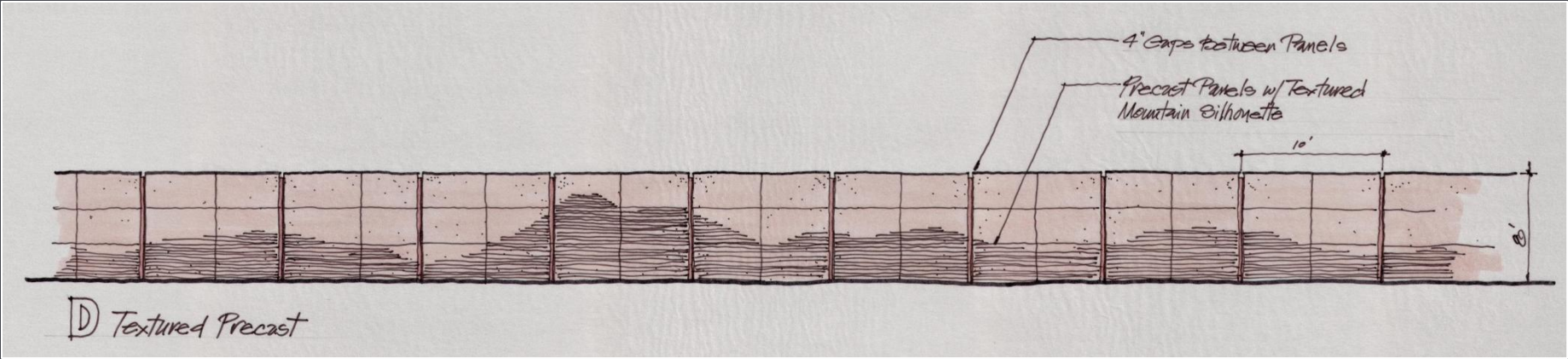
## Corten Panels





# Conceptual Wall Treatments

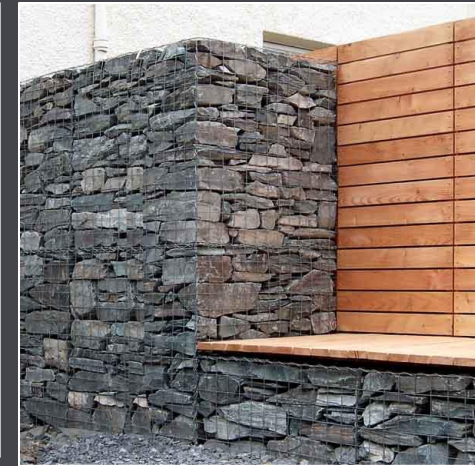
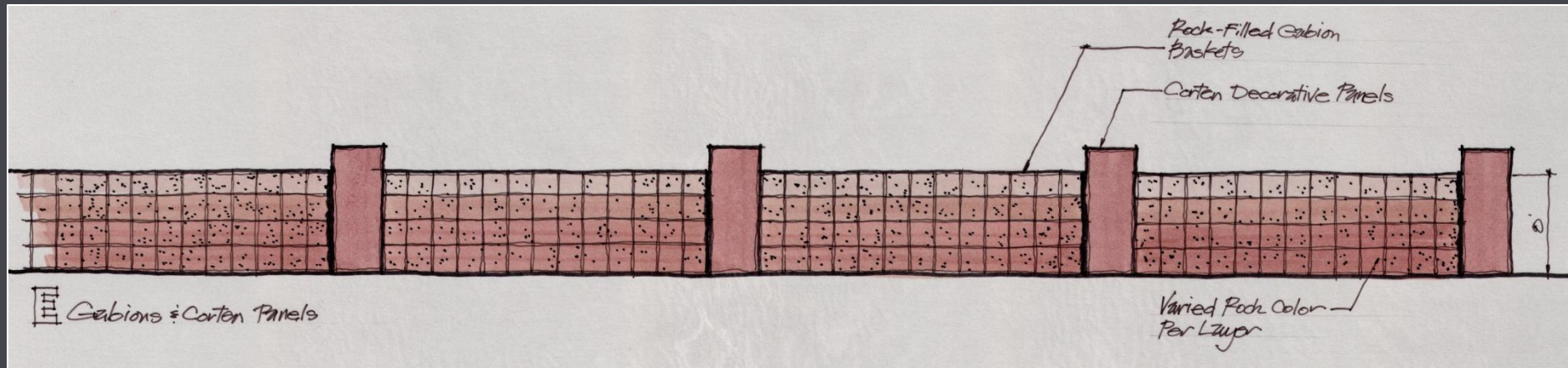
## Textured Precast





# 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





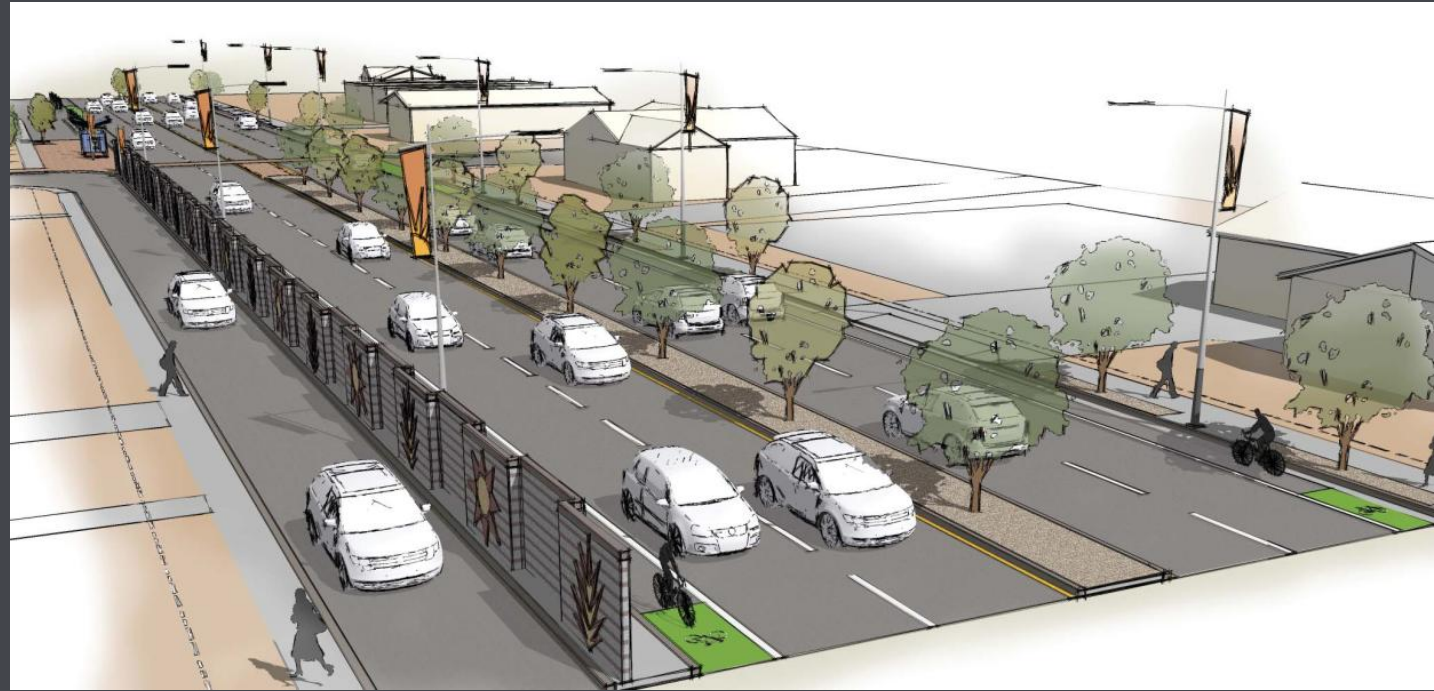
# Option 2B – 4 lanes, Shared

- 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: [www.tempe.gov/broadwayroad](http://www.tempe.gov/broadwayroad)
    - Feedback
      - Overall Project design
      - Sierra Vista crossing
      - Wall character
      - Landscaping and median character





# Questions?

