

Rio Grande Boulevard Complete Street Concept Plan

Adam Dankberg
Kimley-Horn and Associates, Inc.



Community Meeting
March 10, 2016

Kimley»Horn

Meeting Agenda

- Presentation
 - Goals and Objectives
 - Background
 - Concepts
- Open House



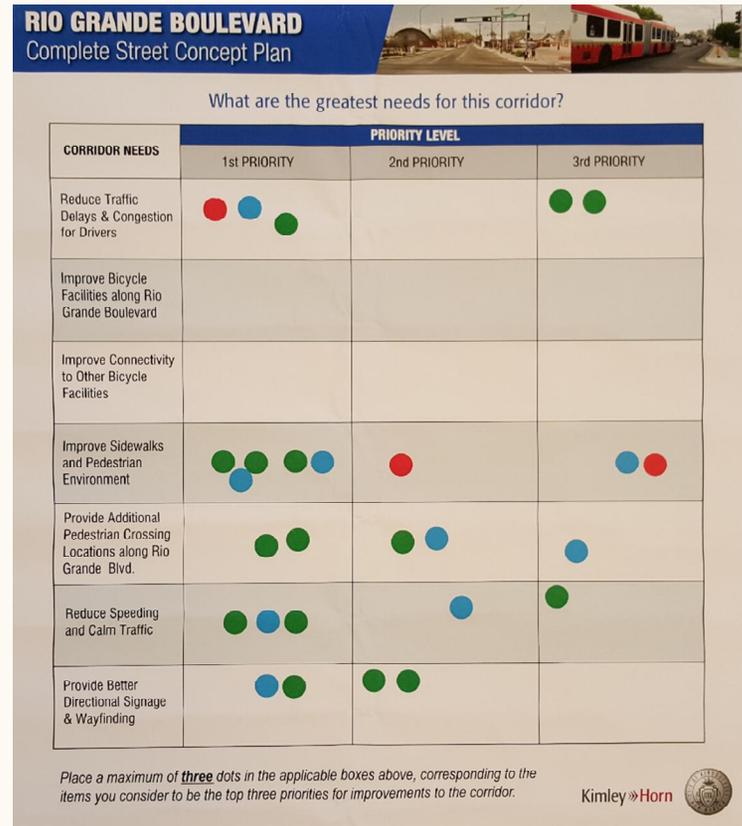
Project Goals & Objectives

- Improve Safety and Implement Traffic Calming
- Improve Corridor Walkability
- Address Bicycle Circulation & Connectivity
- Identify Locations for City Placemaking
- Implementable Solutions



Summary of Meeting with Abutting Property Owners September 9, 2015

- Improve corridor walkability & pedestrian safety
- Reduce speeds and calm traffic
- Improve aesthetics and signage on corridor



Traffic Analysis Methodology



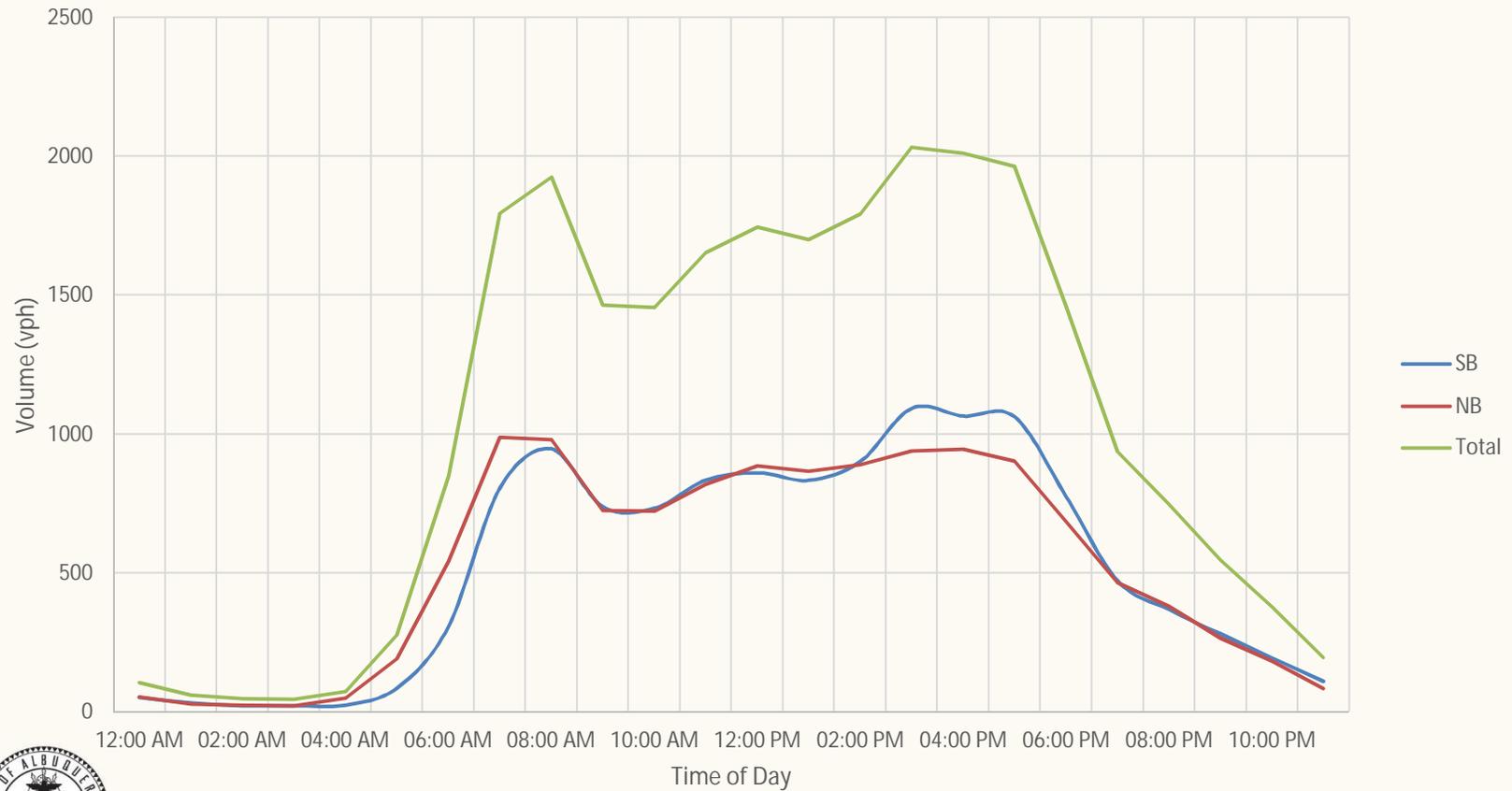
Traffic Volumes

- Volumes on Rio Grande in PM Peak Hour:
 - 2,700 vehicles just south of I-40
 - 2,150 vehicles just south of Mountain
 - 2,000 vehicles just north of Central
 - 300 vehicles just south of Central
- Over 25,000 vehicles per weekday



Traffic Volumes

Rio Grande Boulevard
Hourly Volumes (Between Mountain Rd and Central Ave)



Future Volumes

- Used 2040 MRCOG Model to forecast 2040 volumes on Rio Grande Blvd
- Projected an increase in traffic of 0.5% to 1.0 percent on average per year
- An additional approximately 600 vehicles in the PM peak hour

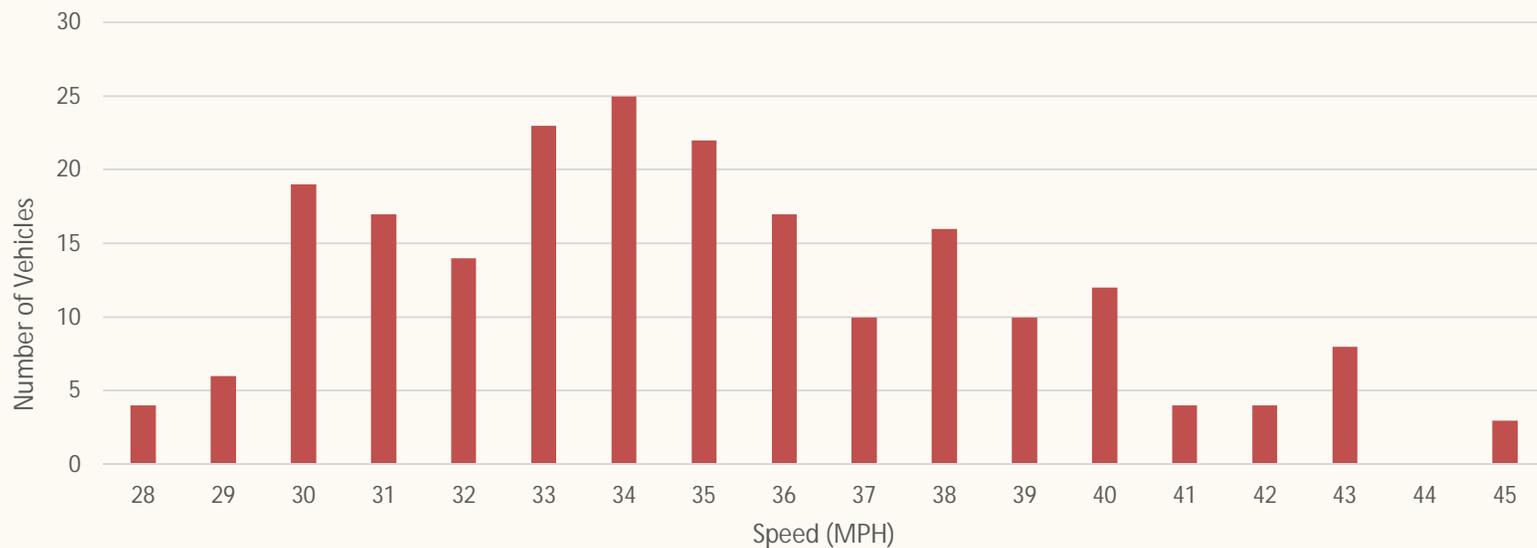


Collision Summary

- 222 total collisions on corridor in 5-year period
 - 11 involved pedestrians or bikes
 - 72 involved injuries (6 bicyclists, 3 pedestrians)
 - No fatalities
 - Incapacitating injuries at Mountain (3), Aspen (2), Central (2), Zearing (1), South Plaza (1)
- Collision rate exceeds Countywide and Statewide average per vehicle miles traveled



Spot Speed Survey (North of Bellamah)

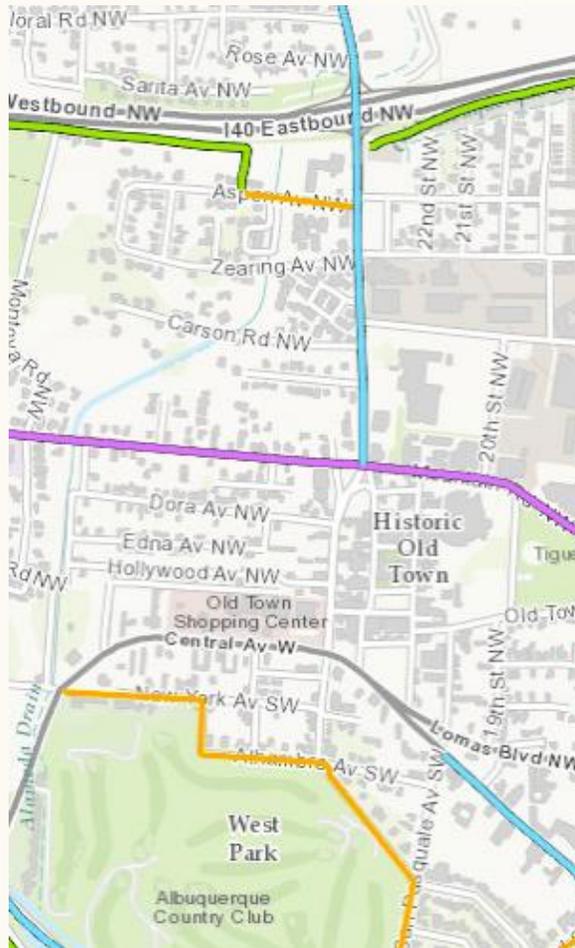


- 85th percentile speed is 39 MPH
- Speed Limit is 35 MPH in this section



Bicycle Network

City Bike Map

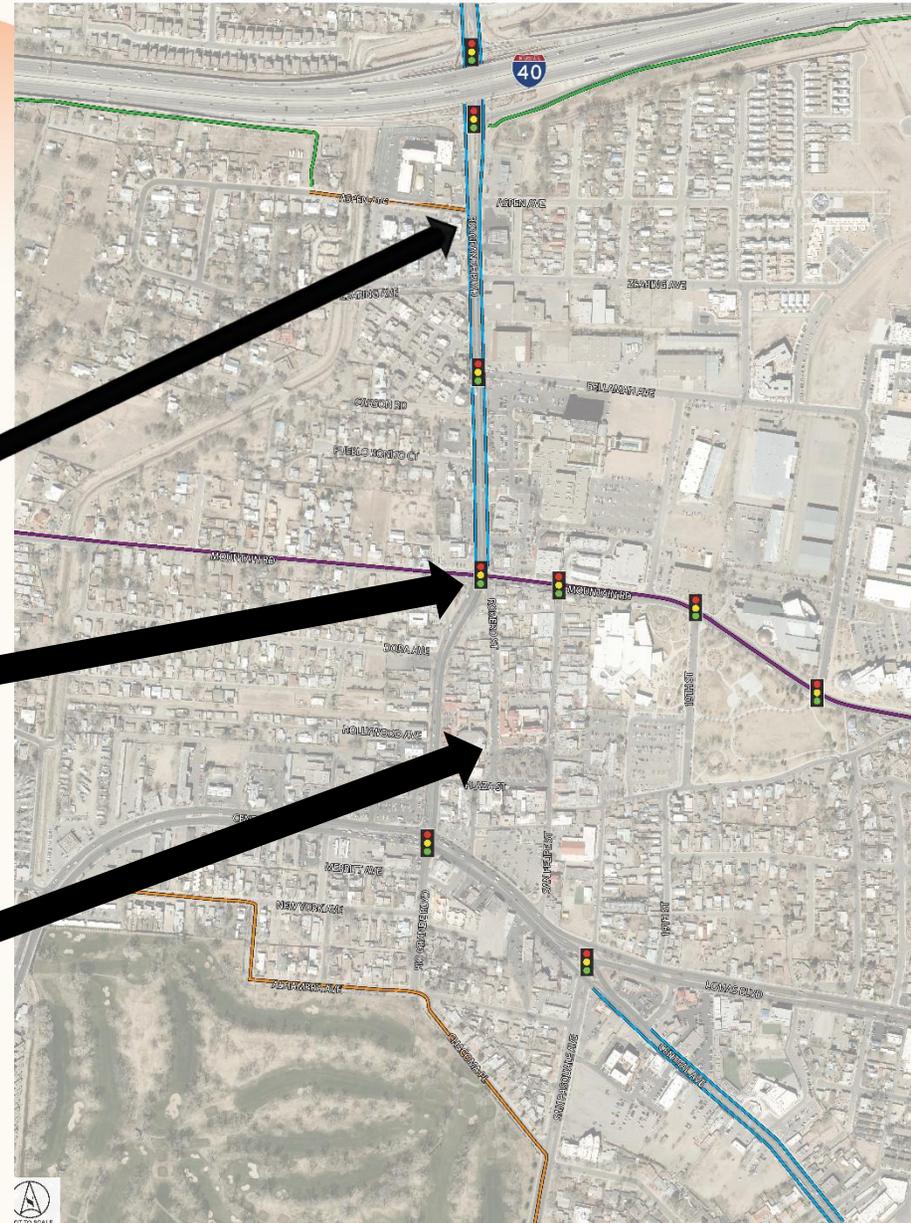


Bicycle Activity Patterns



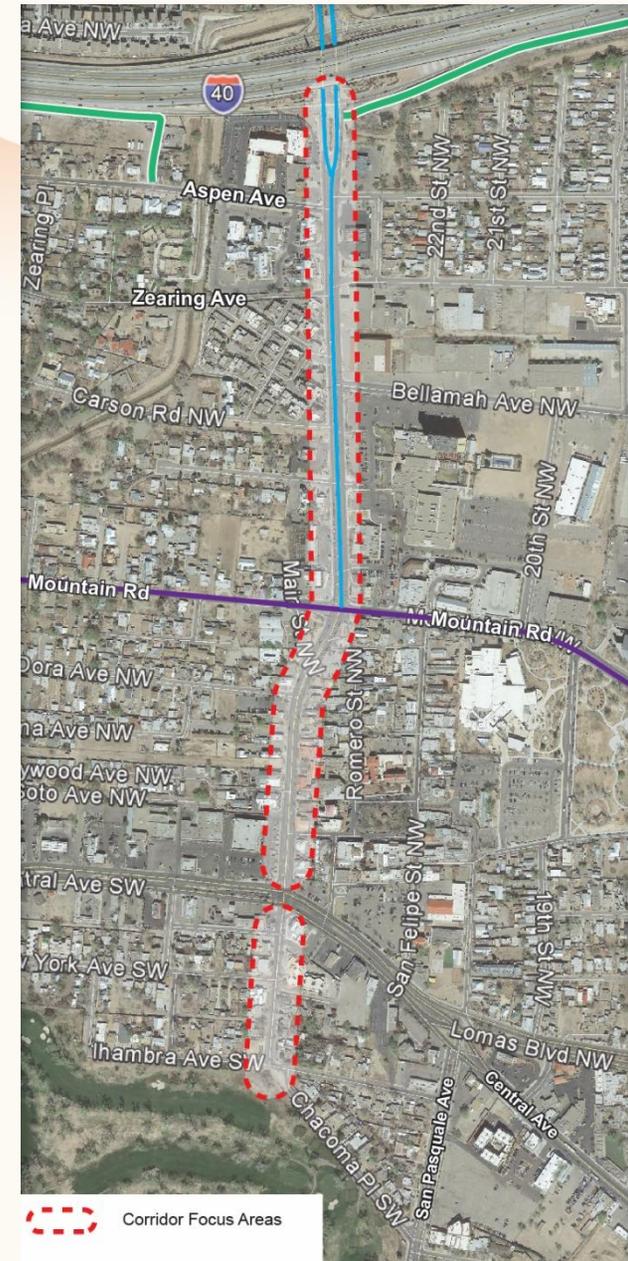
Existing Bike Circulation

- Gap in I-40 bike path
- Extensive bike activity near Mountain Rd ("Bike Boulevard")
- No connection into Old Town

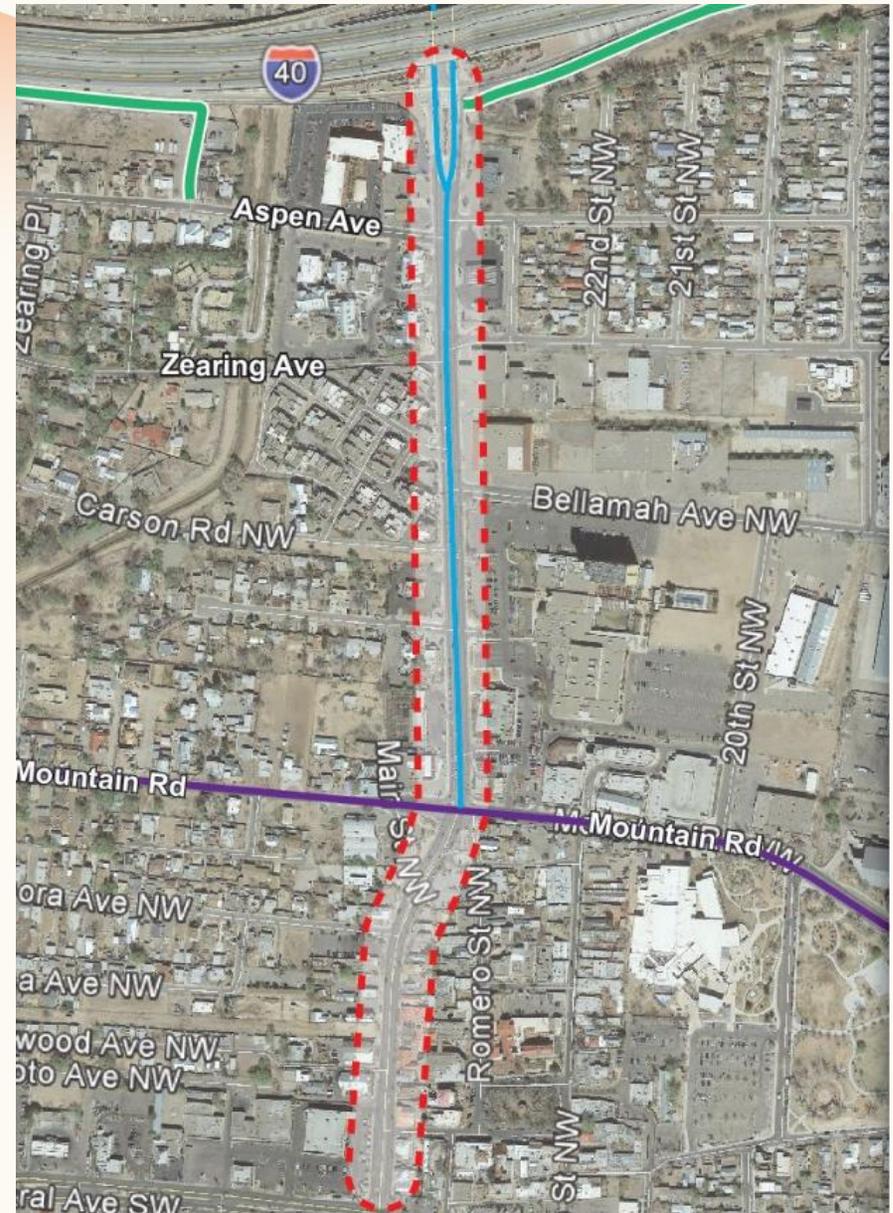


Corridor Focus Area

- North Area
 - I-40 Ramps to Central Avenue
- South Area
 - Central Avenue to Chacoma Place-San Pasquale Avenue

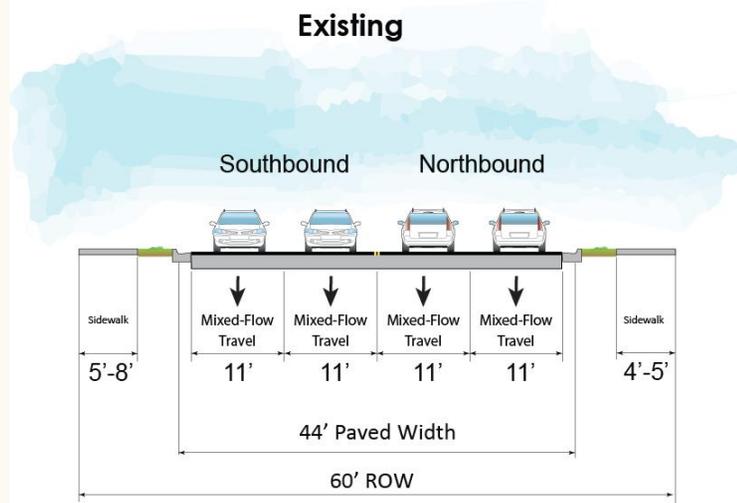


North Area

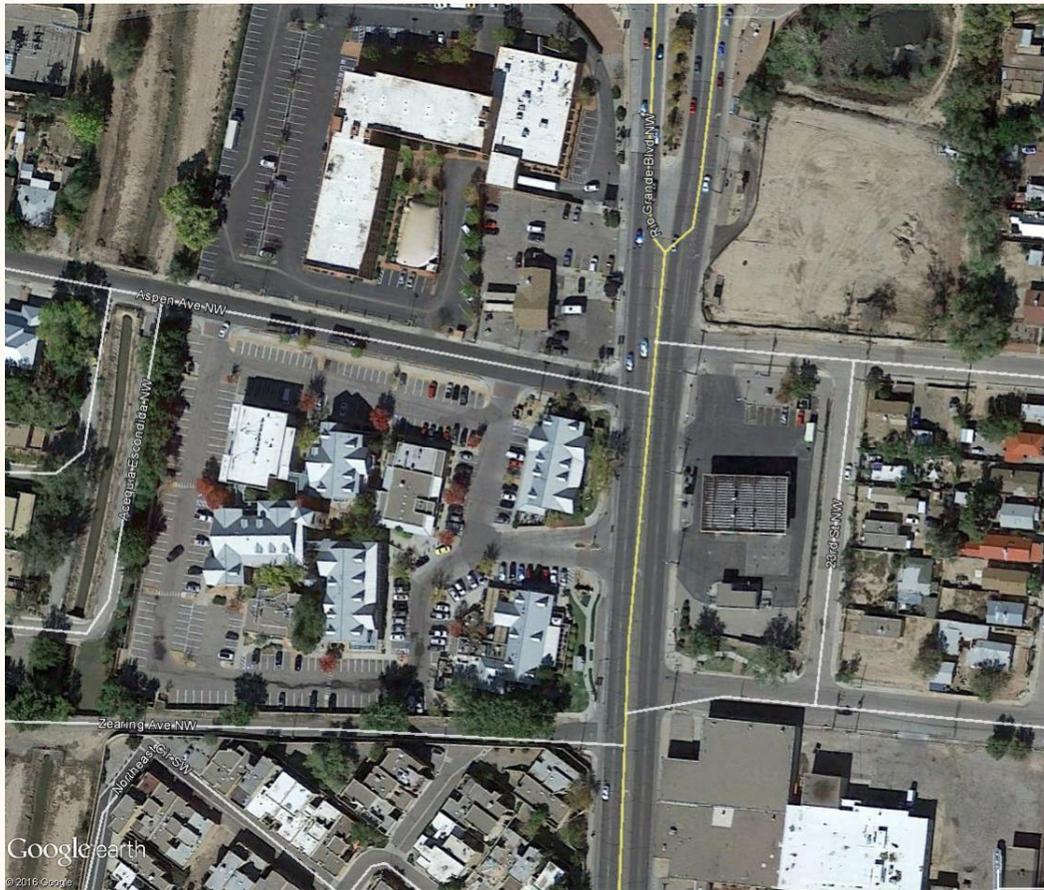


Road Diet Assessment

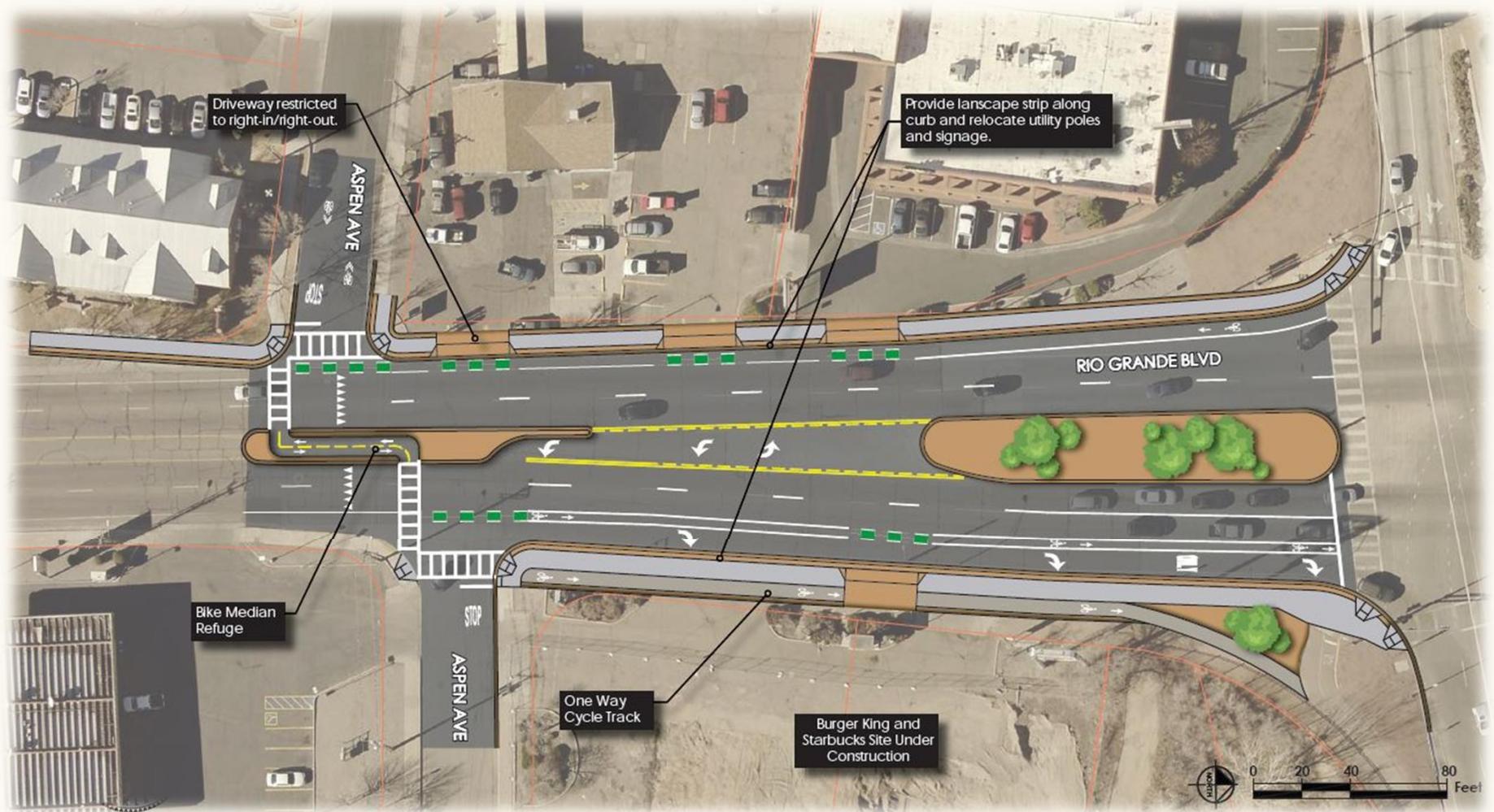
- High existing and future vehicular volumes make road diet infeasible



Existing Aspen Avenue



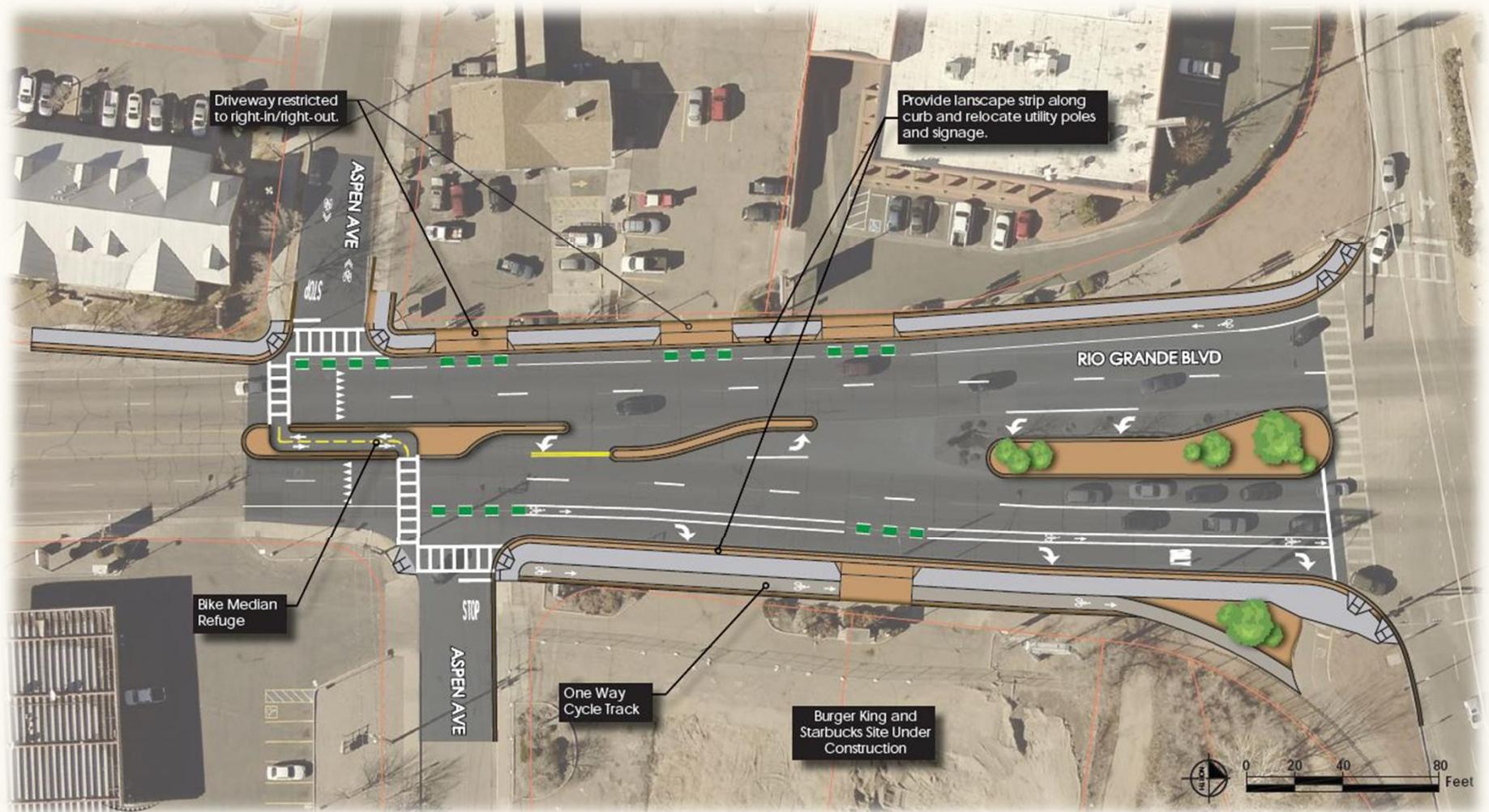
Rio Grande Blvd at Aspen Ave – Alternative 1



Median Refuge Examples

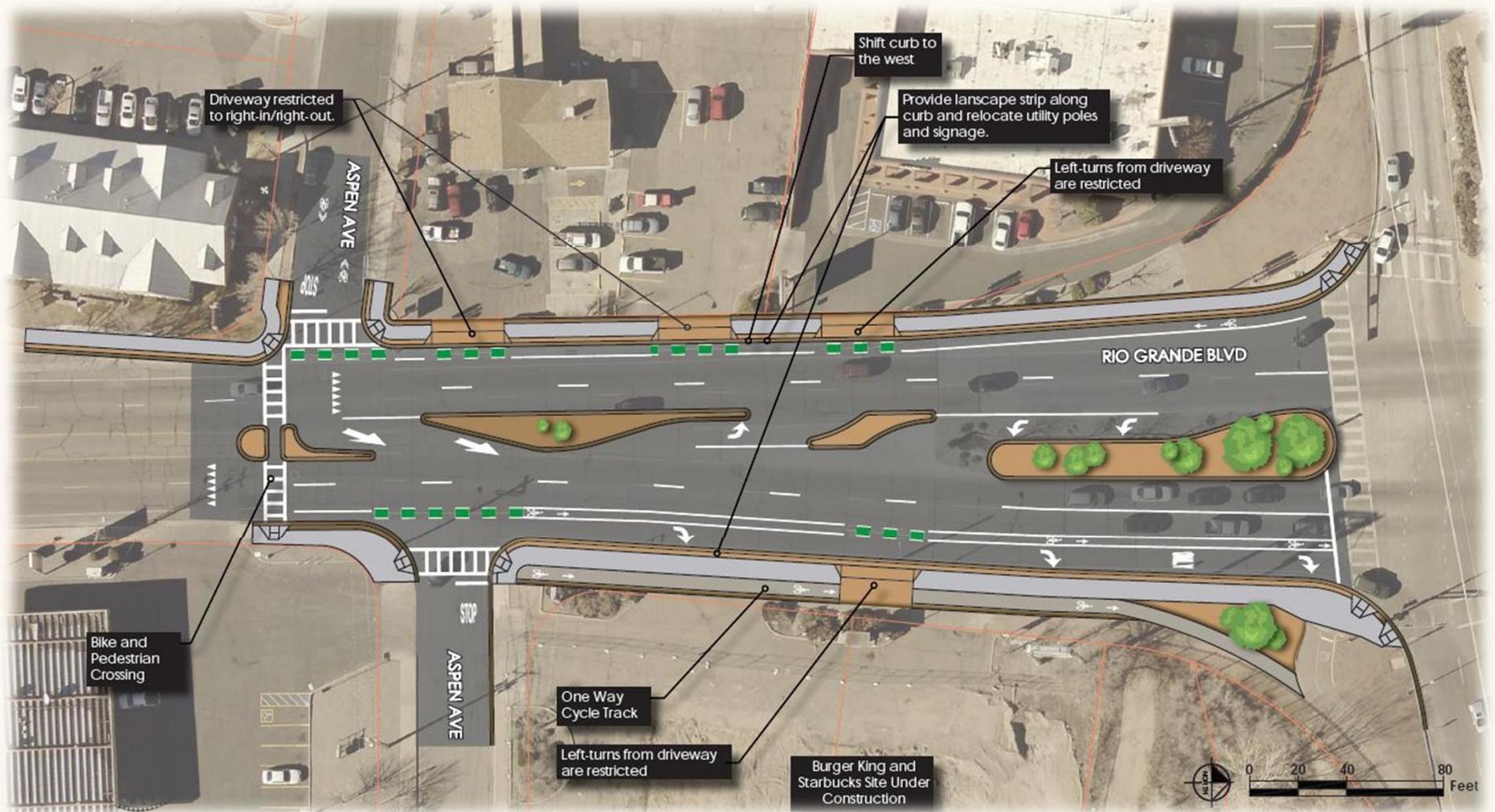


Rio Grande Blvd at Aspen Ave – Alternative 2



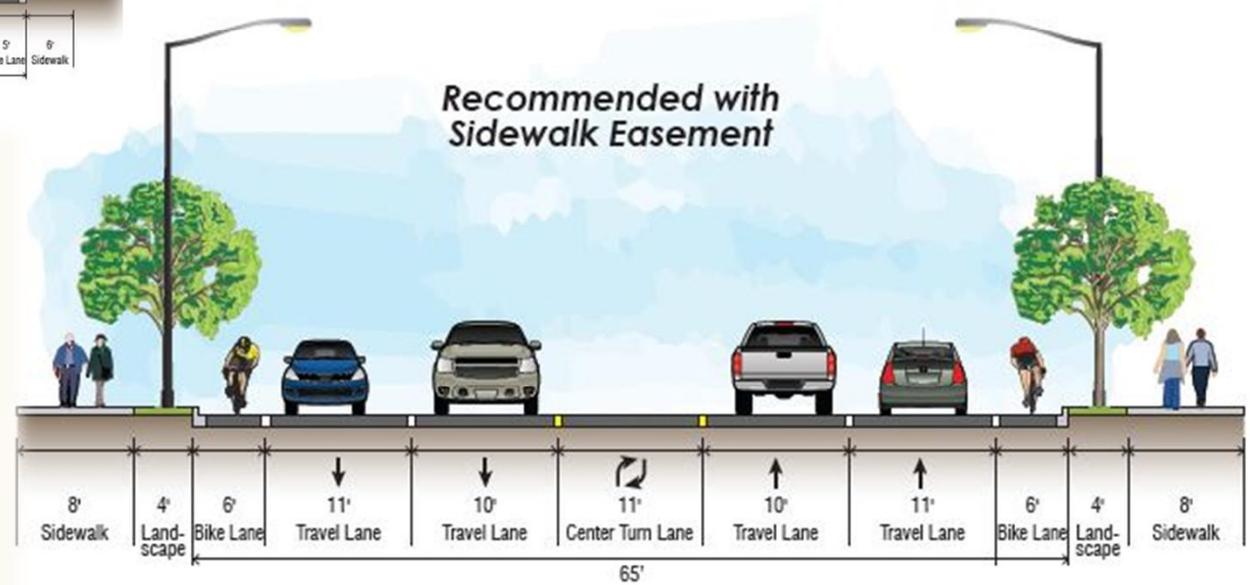
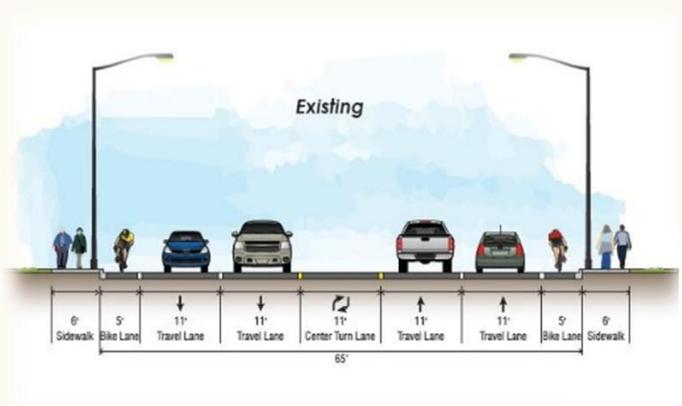
city of albuquerque
Rio Grande Boulevard
Complete Street
Concept Plan

Rio Grande Blvd at Aspen Ave – Alternative 3



Rio Grande Blvd - Aspen Ave to Mountain Rd Proposed Cross Section

- Will require easements and/or right-of-way acquisition



Note: Bike lanes will have dashed green paint at conflict zones



Dashed Green Bike Lanes



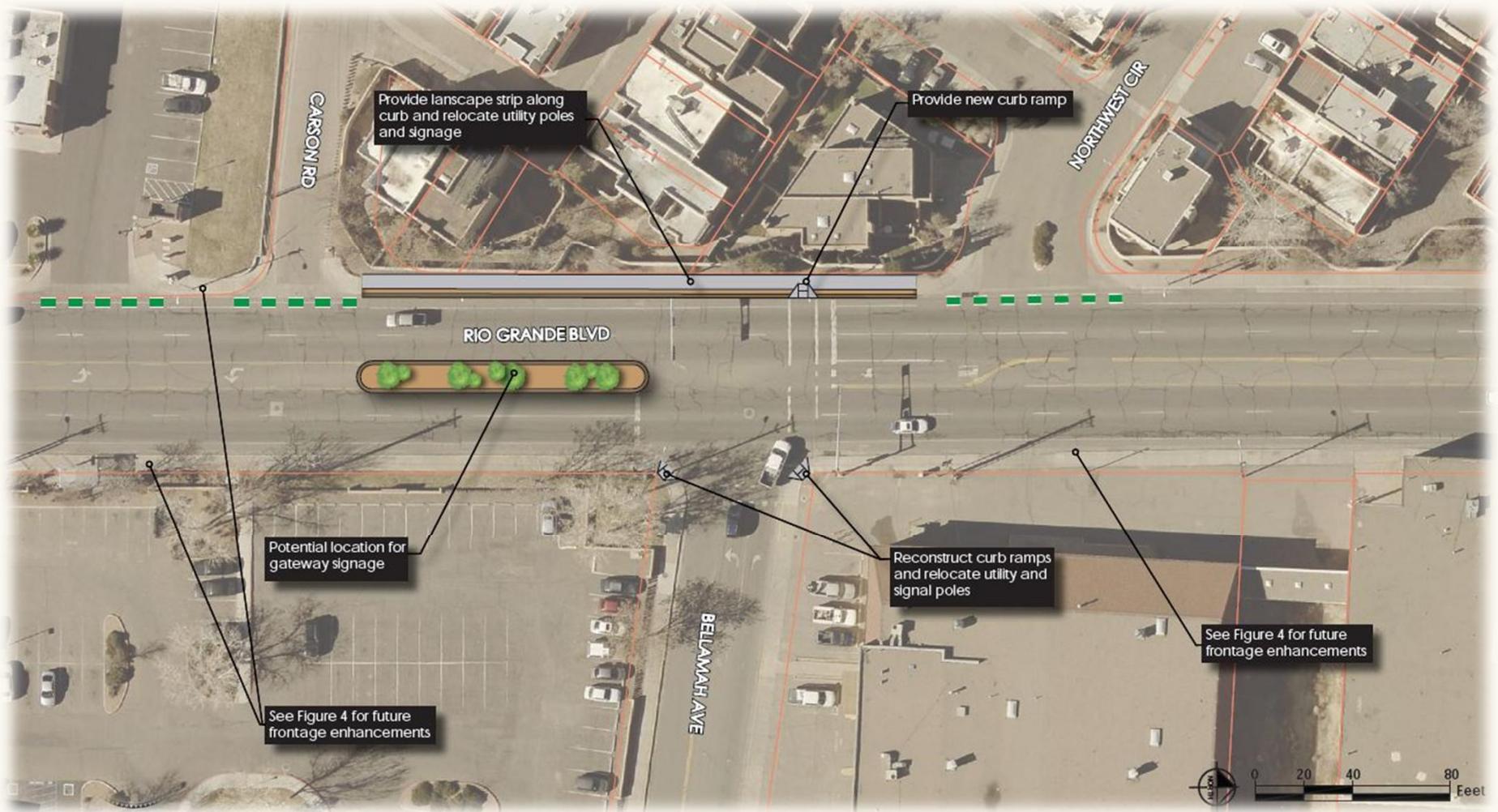
Wider Sidewalks and Landscape Strip



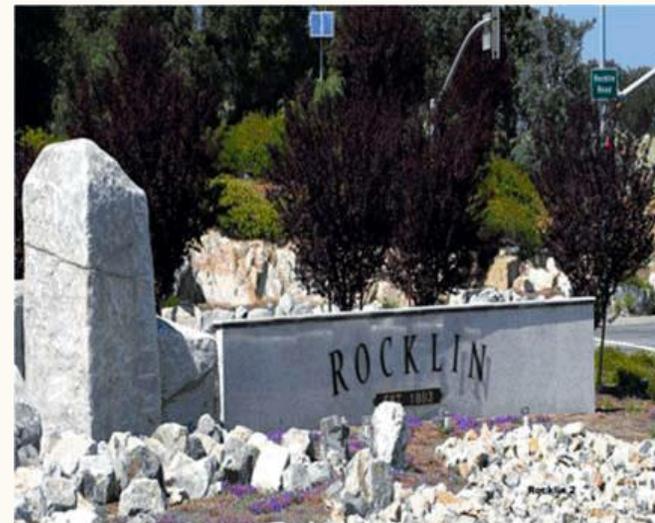
Existing Bellamah Ave



Rio Grande Blvd at Bellamah Ave



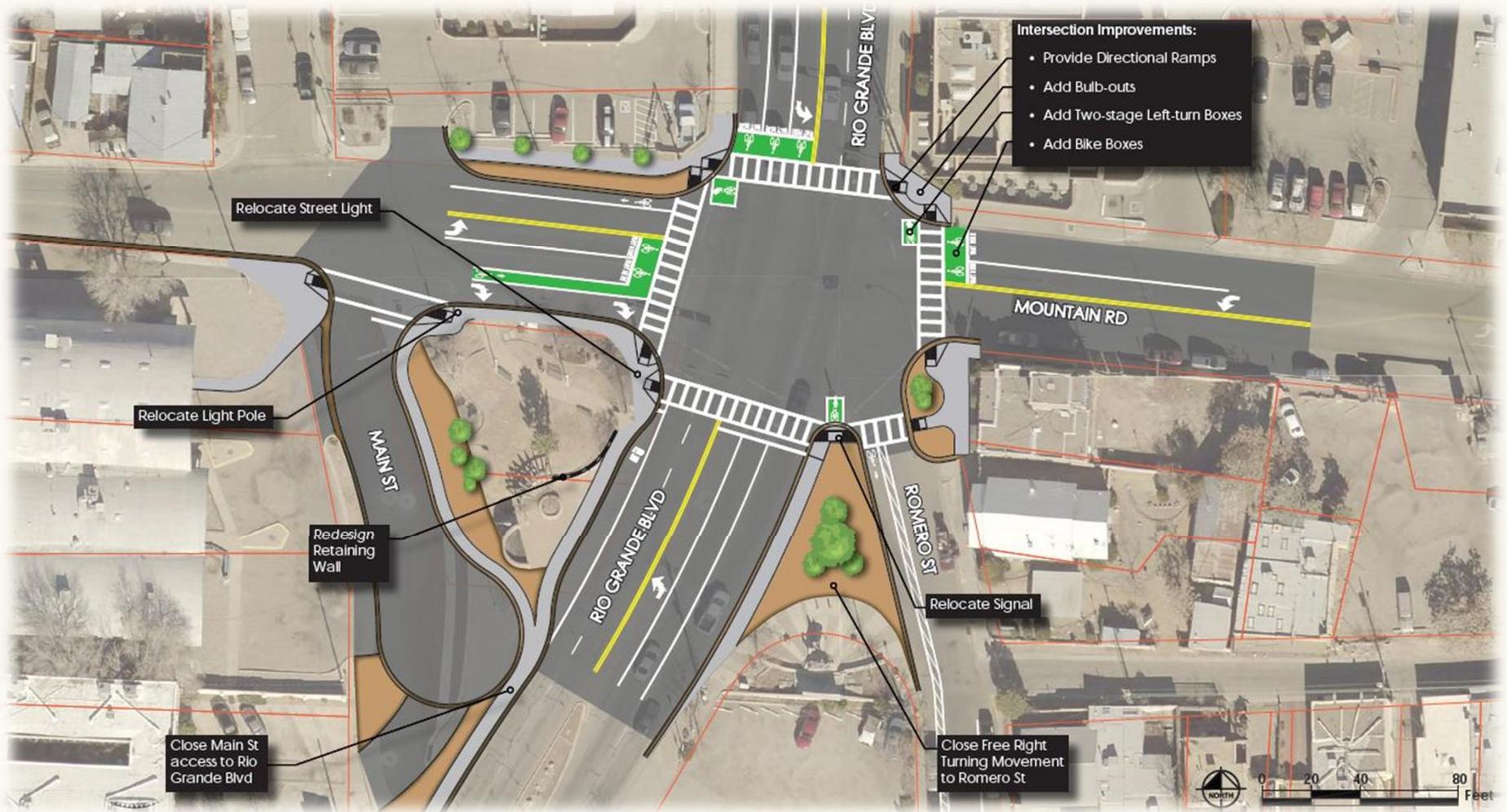
Gateway Signage Examples



Existing Mountain Road



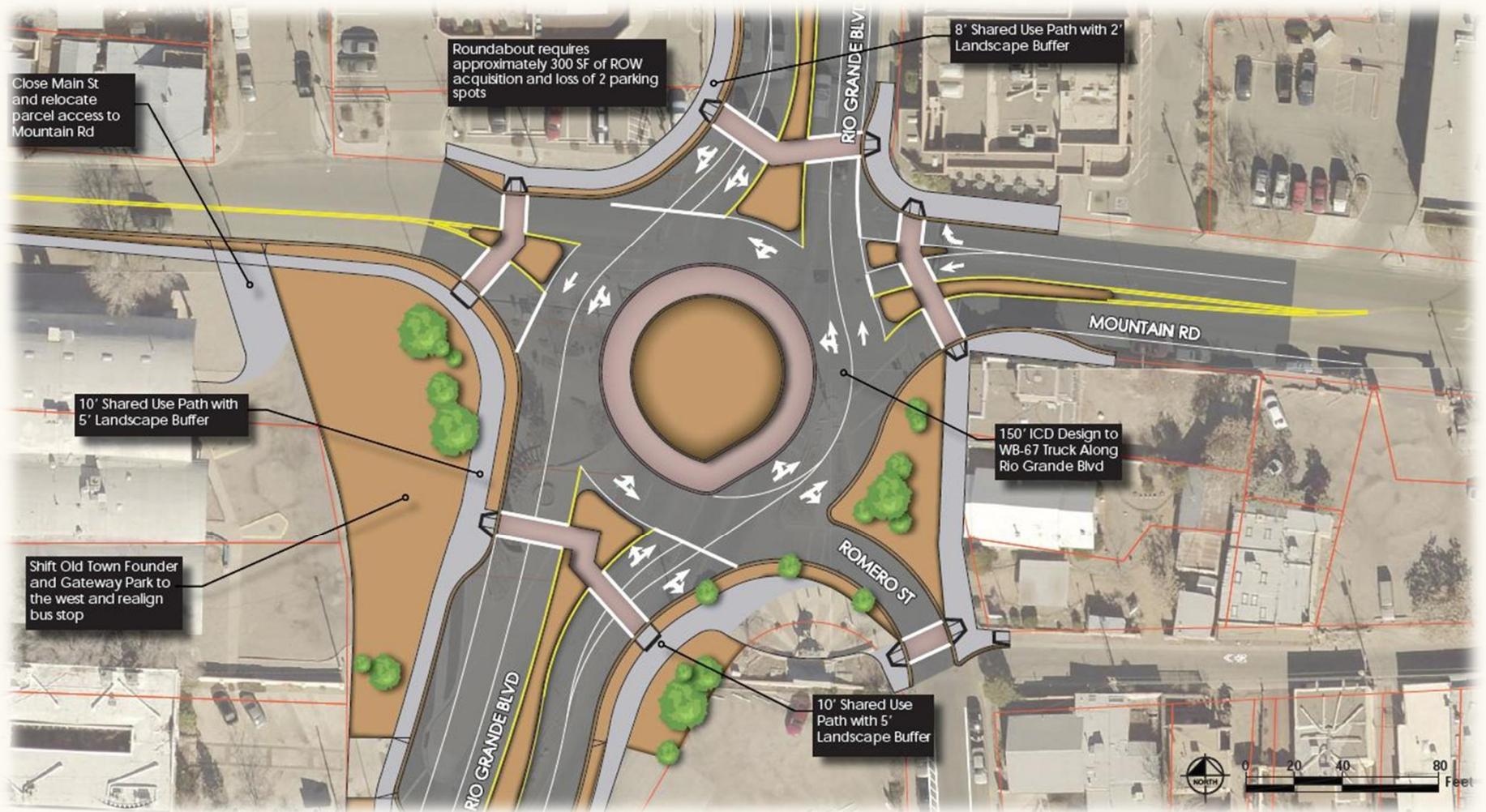
Rio Grande Blvd at Mountain Rd Alternative 1 - Signalized Intersection



Bicycle Treatment Examples



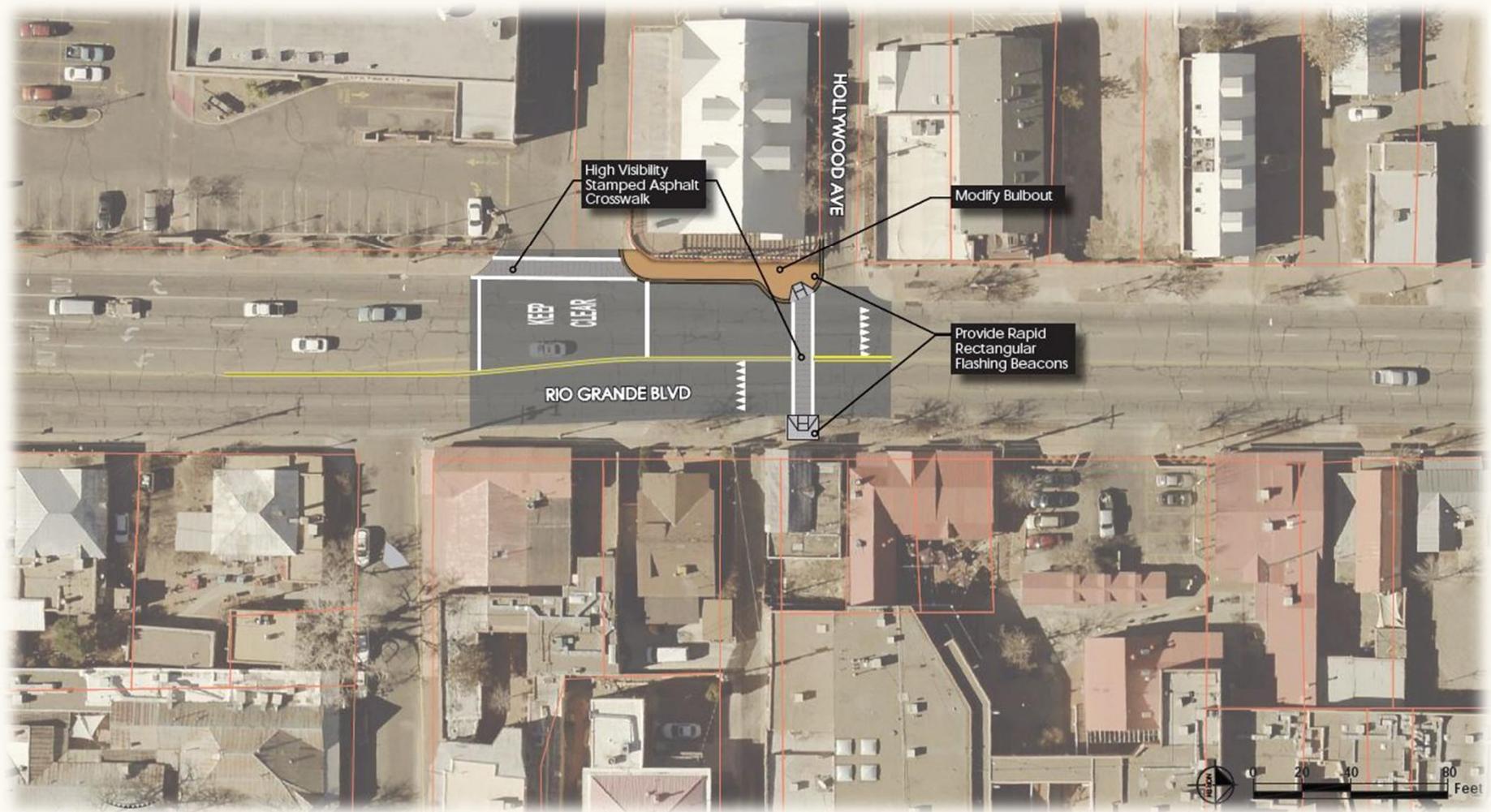
Rio Grande Blvd at Mountain Rd Alternative 2 – Roundabout Intersection



Existing Hollywood Ave



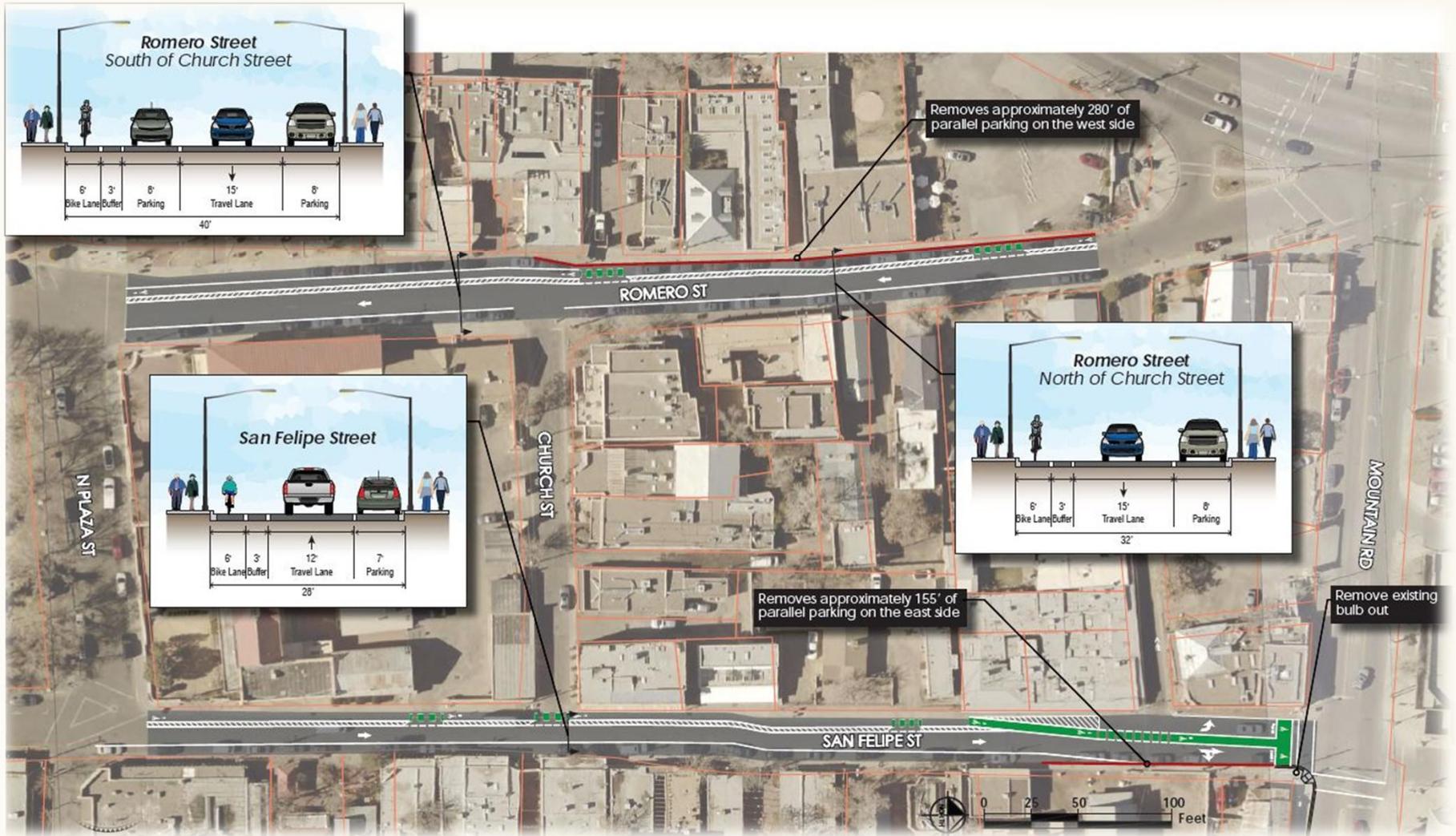
Rio Grande Blvd at Hollywood Ave



Crosswalk Examples



Old Town Plaza Bike Couplet



South Area



Related Project: Central Avenue / San Pasquale Avenue



- Simplify traffic movements
- Northbound left-turns prohibited at San Pasquale Avenue
- Improved pedestrian crossing treatments



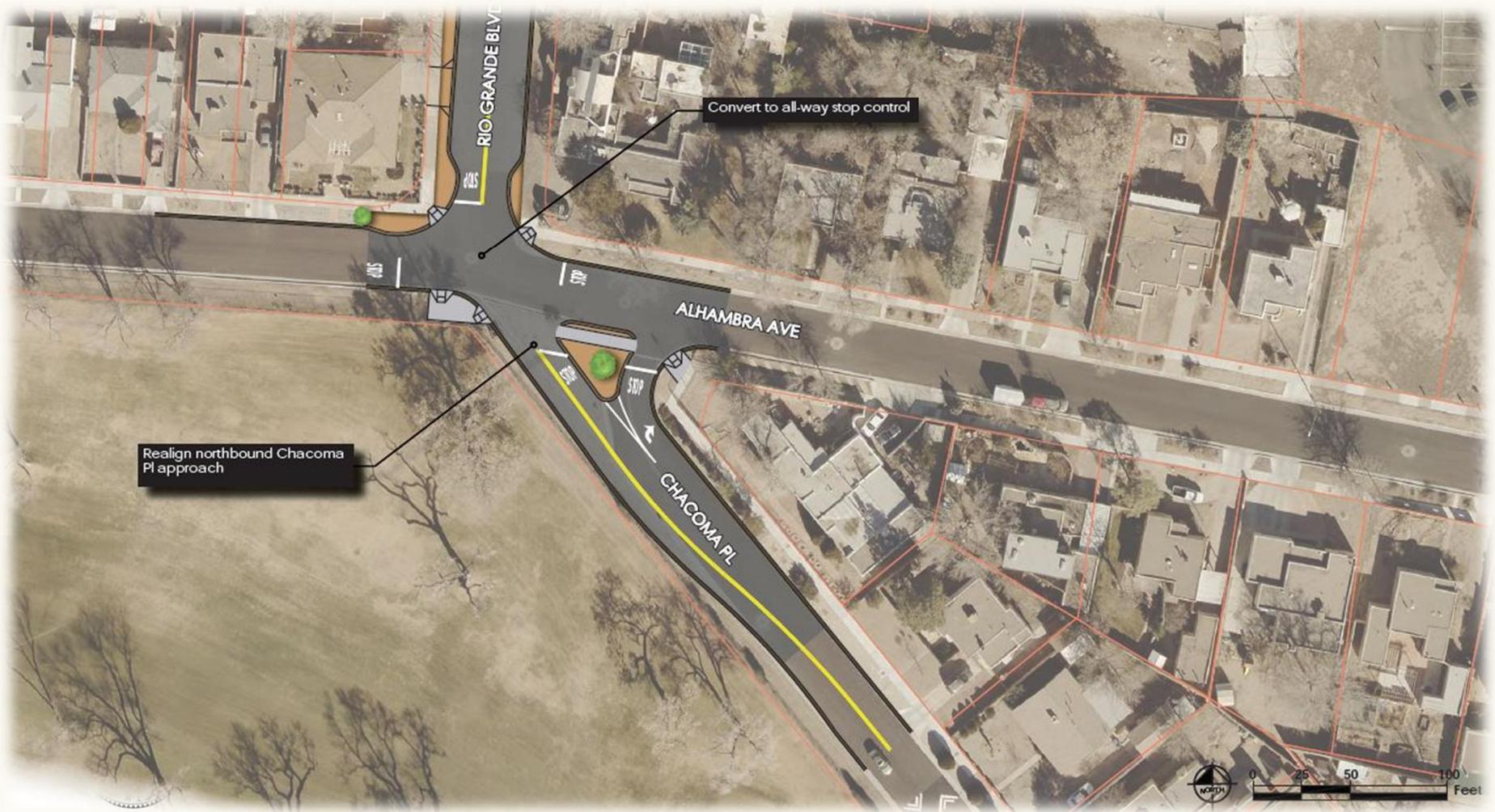
Existing Rio Grande Blvd/Chacoma Pl/Alhambra Ave Intersection



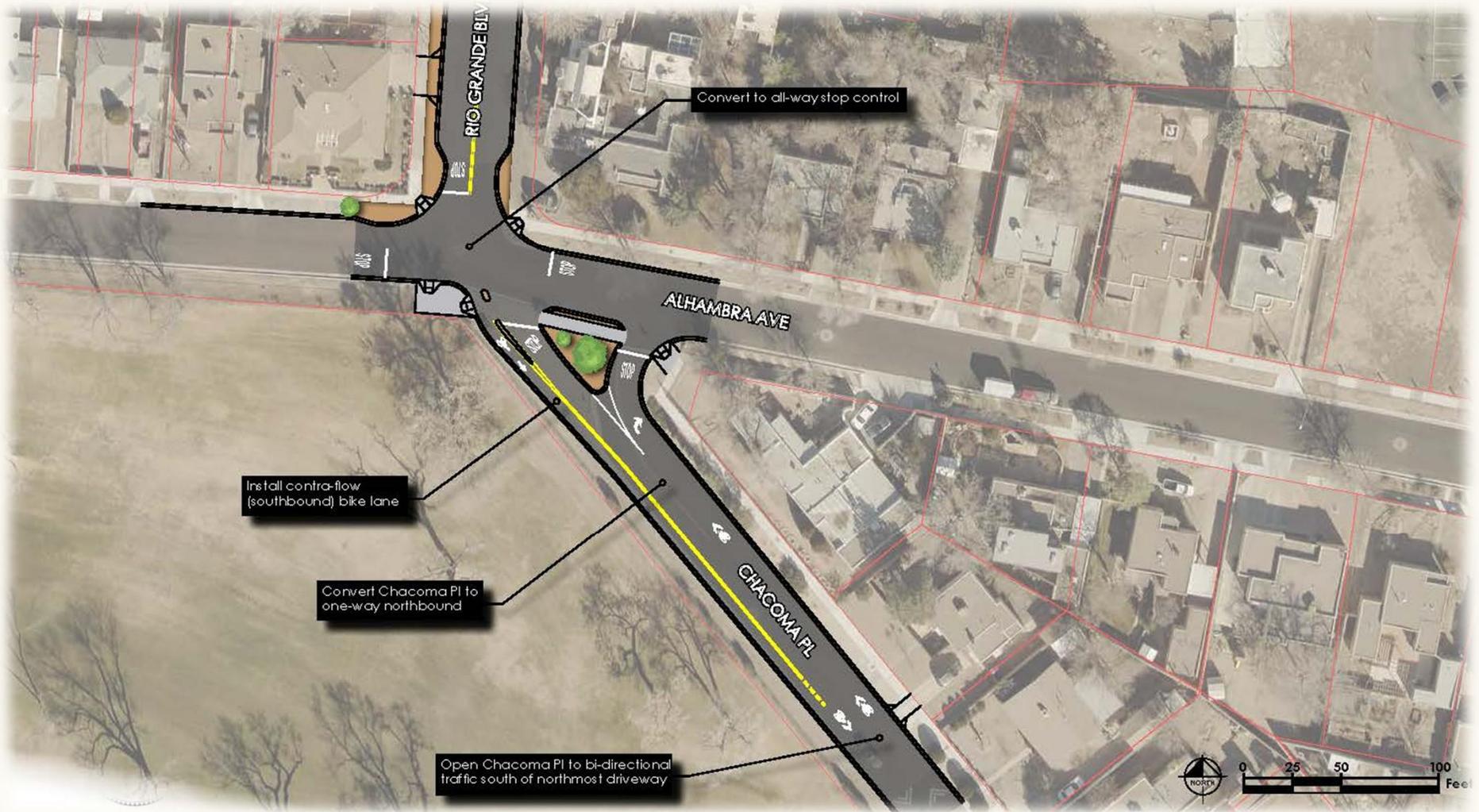
Rio Grande Blvd at Alhambra Ave – Alternative 1



Rio Grande Blvd at Alhambra Ave – Alternative 2



Rio Grande Blvd at Alhambra Ave – Alternative 3

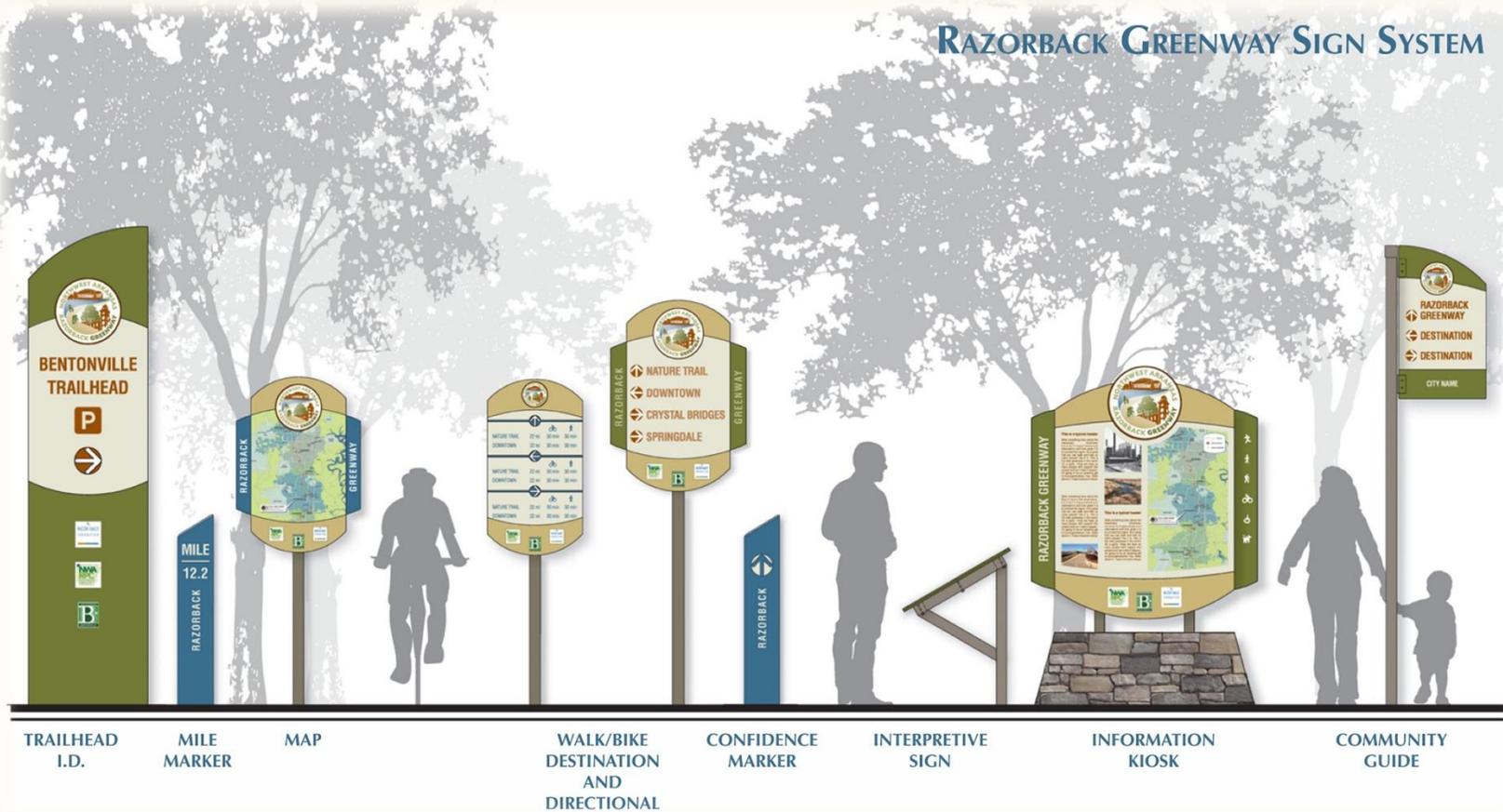


Variety of Existing Wayfinding/Signage



Develop Signage/Wayfinding Theme

RAZORBACK GREENWAY SIGN SYSTEM



Improved Pedestrian Lighting



Open House

- Review improvement alternatives
- Provide feedback on alternatives and indicate preferences
- Provide any additional feedback



Contact Information

For questions or to send in additional
comments, please contact:

Andrew Webb
Policy Analyst/Planning
awebb@cabq.gov

Shanna Schultz
Policy Analyst/Planning
smschultz@cabq.gov

Diane Dolan
District 2 Policy Analyst
ddolan@cabq.gov

