

University Avenue Mobility Study

prepared for



PRESENTATION



February 22, 2011



DAVID EVANS
AND ASSOCIATES, INC.

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TRANSIT PLANNING & DESIGN • TRAFFIC ENGINEERING



PARSONS



Outline



- Introduction
- Project Overview
- Principles of Participation
- Overview of the Corridor
- Mobility Issues
- Project Schedule
- Meeting Schedule
- Preparation for Community Walk Audits
- Review of Action Items



Technical Team Introduction



- Thomas Landre – City of SD PM
- Oscar Valdivieso – City of SD
- Tracey Reed – City Redevelopment
- Bill Darnell – Darnell and Associates, Traffic
- Lewis Michaelson – Katz and Associates
- Tricia McColl – David Evans, Civil Engineer
- Pat O'Connor – Parterre, Landscape Architect



Mission

The Mission of the Working Group is to assist the Technical Group in the preparation of the University Avenue Corridor Mobility Study. To accomplish this mission, the working group members will:

- Assist the Technical Group in understanding Community Issues
- Act as liaison to the Community
- Review technical studies
- Assist in developing solutions to mobility issues
- Provide input regarding preferred concepts for the University Avenue Corridor





Existing Conditions Data

Vehicular Traffic Counts

LOS Analysis

Pedestrian Counts

Bicycle Counts

Accident Data

Master Plans

Transit Facilities

Physical Constraints





Overview of the Corridor

Mobility

- Vehicular
- Pedestrian
- Bicycle
- Transit





Vehicular Traffic

- Class - 4 Lane Major Arterial
- 54th to 60th - 4 Lanes + parking
- 60th to College – 5 Lanes + parking
- College to 69th Street – 4 Lanes + parking





54th Street to Chollas – 4 Lanes



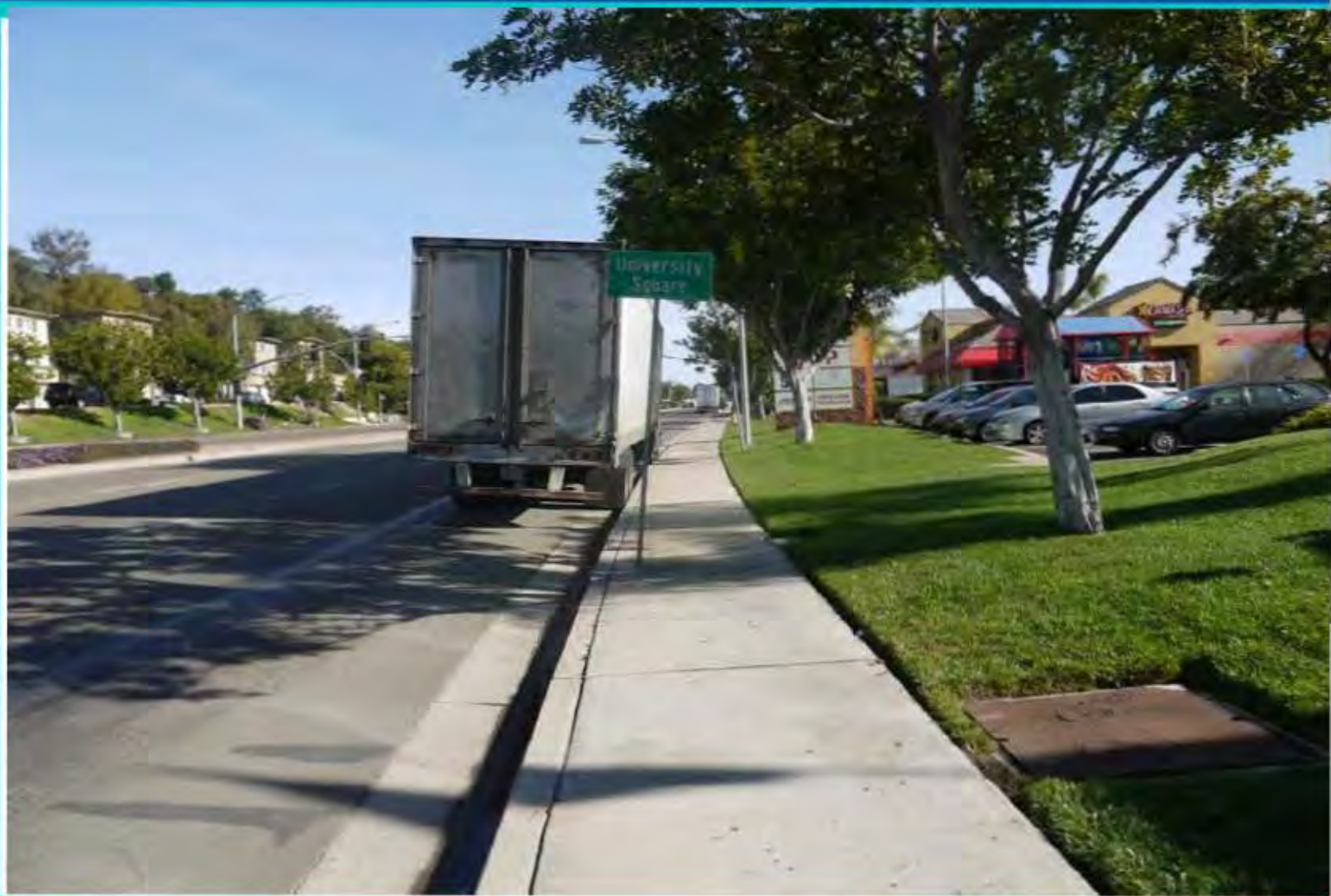


58th Street





58th Street to 60th Street 5 Travel Lanes





60th Street to College Avenue – 5 Travel Lanes





College Avenue 4 Travel Lanes - Right Turn Only





College Avenue to Cartagena Drive





Cartagena Drive





Bonillo Drive to Rolando Boulevard





Rolando Boulevard 4 Travel Lanes





Rolando Boulevard to Aragon Drive





Rolando Boulevard to Aragon Drive





Rolando Boulevard to Aragon Drive 4 Travel Lanes





Kroc Center 4 Travel Lanes





Kroc Center





Vehicular Traffic

Posted Speed Limit

- 35 MPH East of Aragon
- 40 MPH West of Aragon

85th Percentile Speed

38 MPH to 40 MPH





Vehicular Traffic

- Capacity 30,000 ADT (LOS C)
- 54th to 60th – 28,000 ADT
 - » LOS C
- 60th to College – 22,000 ADT
 - » LOS C
- College to 69th – 17,000 ADT
 - » LOS B





Pedestrian Mobility



- Sidewalks
- Accessible Sidewalks
- Curb Ramps
- Cross Walks
- Limited Distance Across Intersections
- Limited Vehicular Access
- Landscaping



Obstructions





Knowledge and Understanding of Local Environment





Narrow Sidewalks



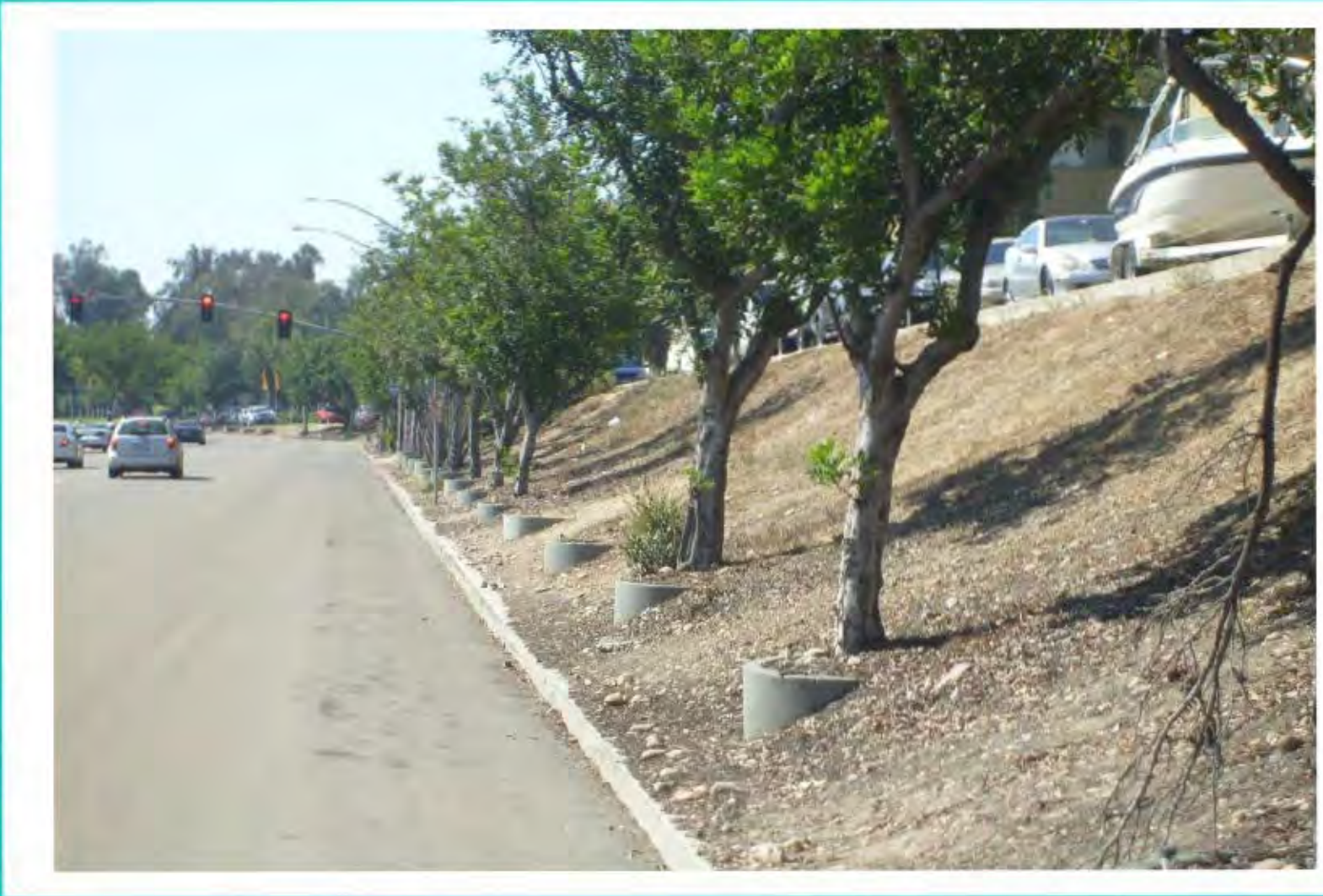


Typical Drainage at Intersections





58th Street to 60th Street





University Square



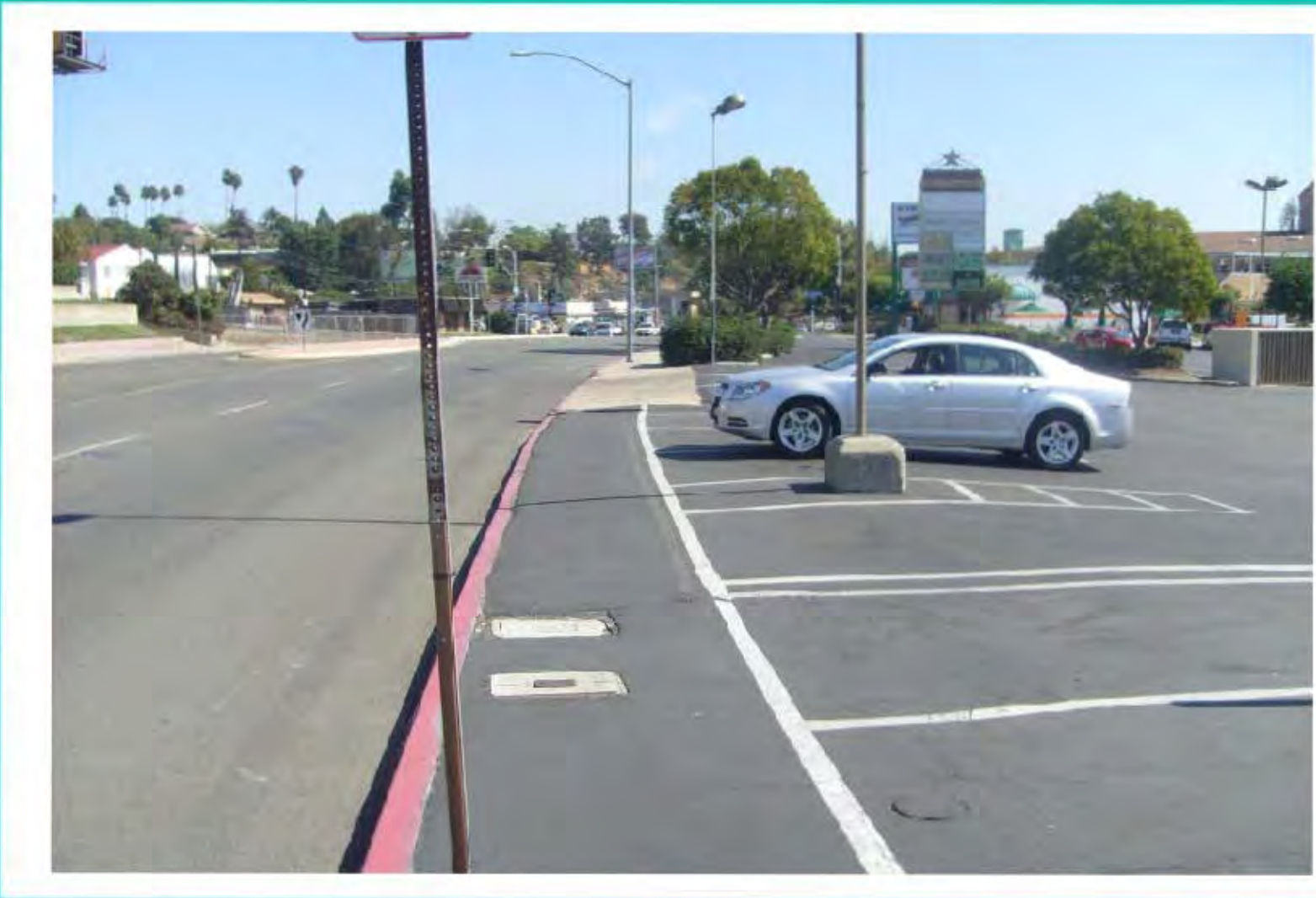


Rolando Boulevard to Aragon Drive





Private Use in Right of Way





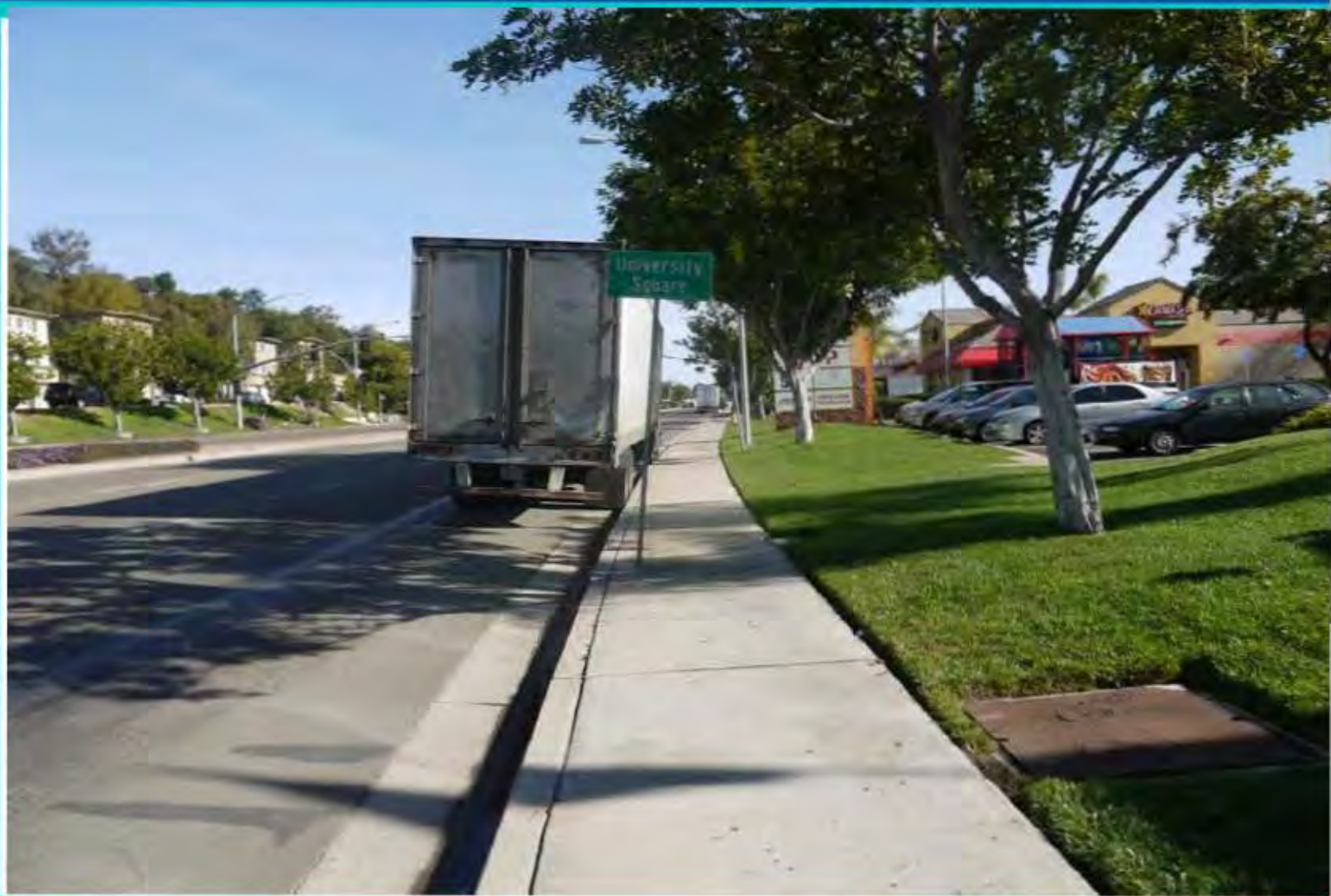
Bicycle Mobility



- No Bike Lanes Today
- Community Plan for Future Bike Lanes
- Connectivity to Existing Bike Routes
- Bike Racks
- Highest bike counts at 54th Street and Cartagena
- 17 accidents in 11 Years



58th Street to 60th Street 5 Travel Lanes





Bonillo Drive to Rolando Boulevard





Parking in Conflict with Pedestrians





Transit Mobility



- Route 10 - Express
- Route 7 - Local
- Heavily Traveled Commuter Route
- Bike Racks on Buses
- Accessible Routes to Bus Stops
- Waiting Area
- Shelters and Furniture



Transit Mobility



451. University Ave & College Blvd - Bus stop 6W, Route 7 only.



Transit Mobility



215. East of University Ave & Rolando - Bus stop 11E, Route 7 only.

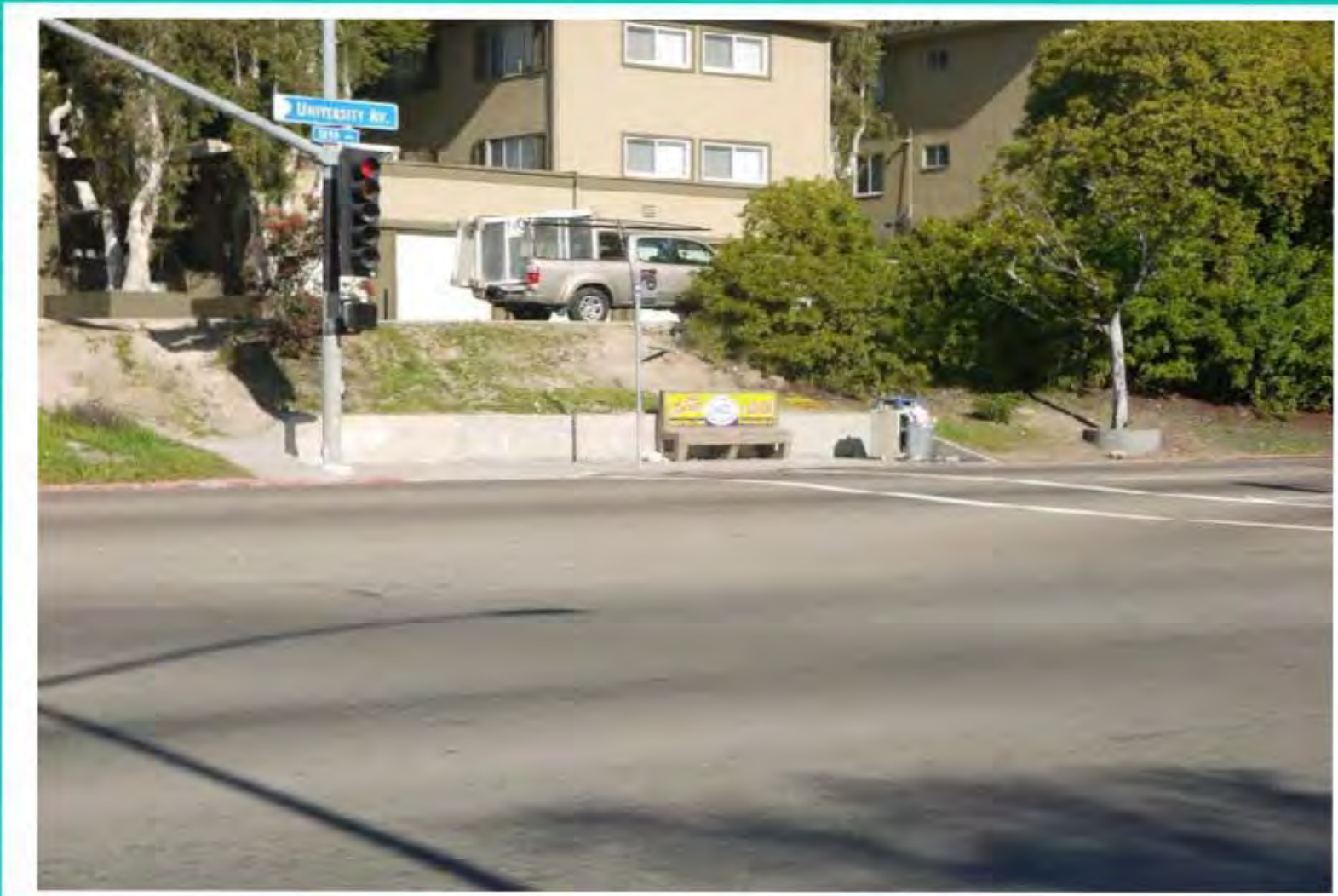


University Square





Transit Mobility – University Square





58th Street to 60th Street

