



Healing the Suburban Street

Creating a Context-Sensitive Sustainable Street in the Urban Desert

Tucson, Arizona



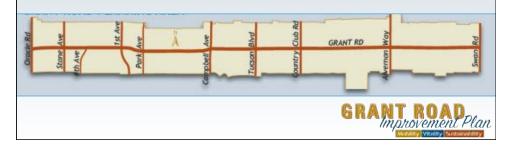
Phil Erickson, AIA Oakland, California



5½ mile Segment of Grant Road 1 mile Univ. of Arizona

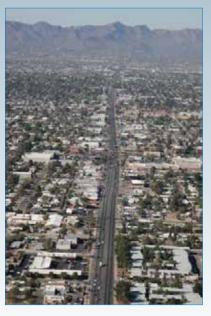
Grant Road Improvement Plan

- Largest Regional Transportation Authority (RTA) project, widen 5-lane to 6-lane arterial
- \$166 million budgeted for planning, design, construction, and right-of-way
- Planning & preliminary design: 2007-09
- Construction: Started in 2013

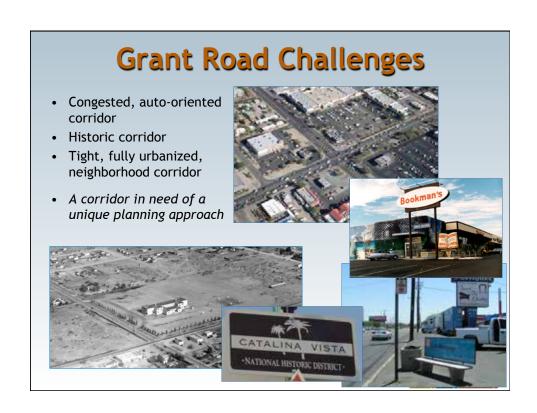


Project Goals

- Improve travel efficiency & safety for all modes
- Enhance urban/economic vitality & sense of place
- Incorporate environmentally sensitive design principles
- Demonstrate innovation & best practices as model for future city projects

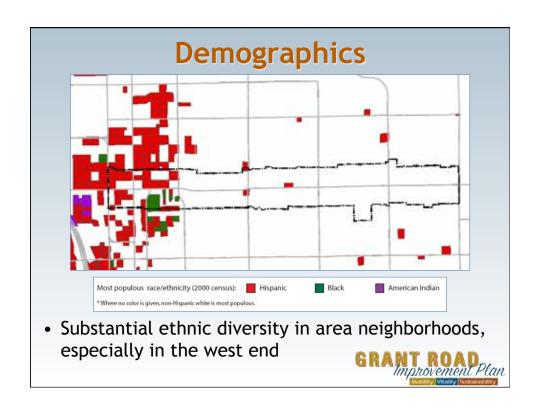




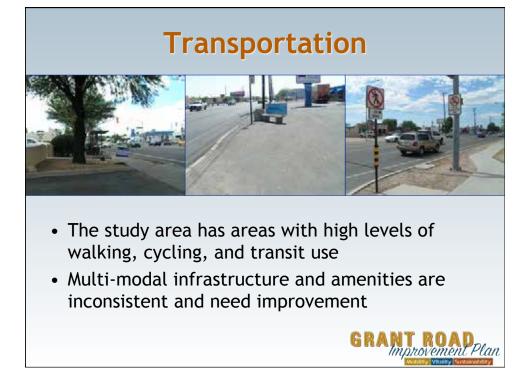






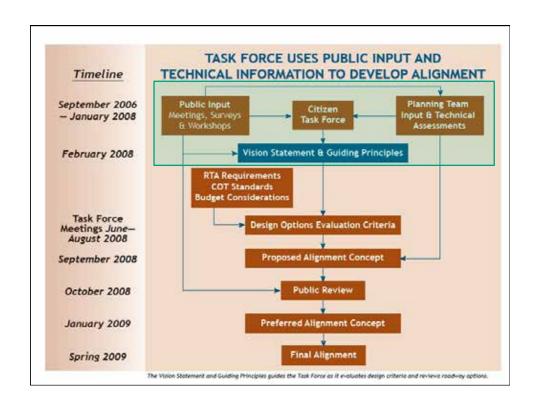


Demographics • Grant Road's population is lower income compared to the county • Median household income is -- Grant Rd.: \$26,697 - County: \$36,758 Median Household Income (1999 in \$) 5000 - 20000 20001 - 35000 35001 - 50000 50001 - 75000 75001 - 119158 GRANT ROAD Improvement Plan





GRANT ROAD Improvement Plan



Public Input on Vision & Guiding Principles

September 2006 - September 2008

• Conversations: 39 meetings with neighborhoods & businesses

• Attendance: 1,000 + participants

• Public Input: 1,250 + surveys completed, 5,000 + comments received











Guiding Principles—Mobility & Access

- Balance needs of all users:
 - Passing through or coming to the area
 - Pedestrians, bicyclists, transit riders, and disabled
- Make physical changes that support other Guiding Principles

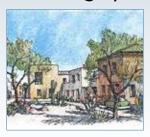




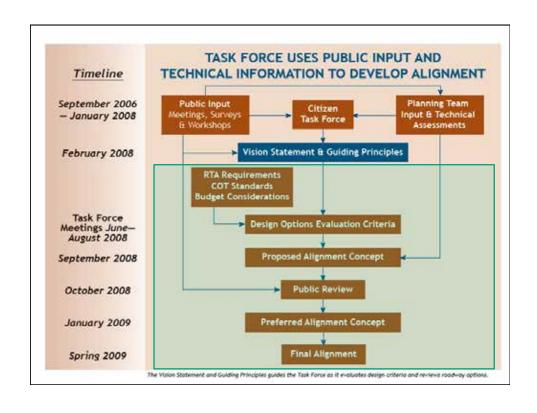
RANT ROAD
Improvement Plan

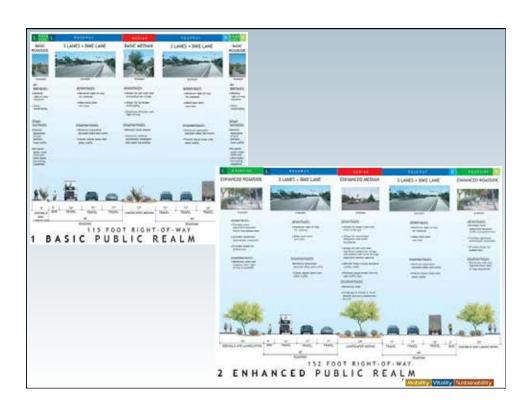
Guiding Principles—Character & Vitality

- Preserve & Enhance
 - Neighborhood character & housing choices
 - Valued retail, services, & jobs
 - Varying character segments & districts
 - Community services & diversity
- Encourage private investment









Multi-Modal Street Section



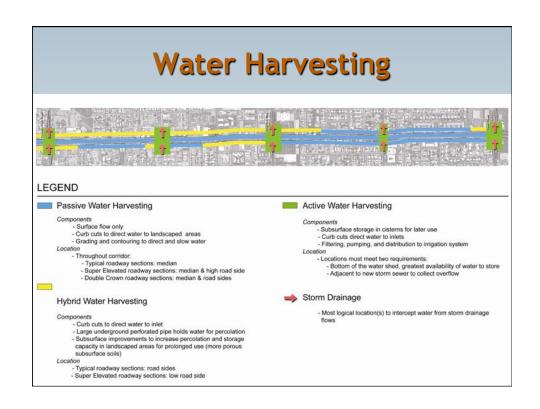
137 FOOT RIGHT-OF-WAY

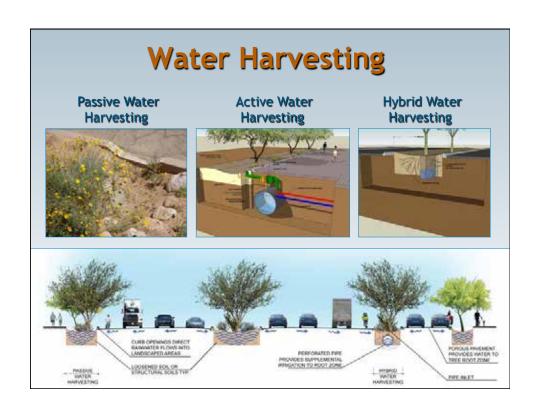
- Wider 8-foot sidewalks
- Expanded landscape buffer for pedestrians
- Wider 6-foot bike lane
- Landscaped median
- 47-57 feet wider than existing right of way

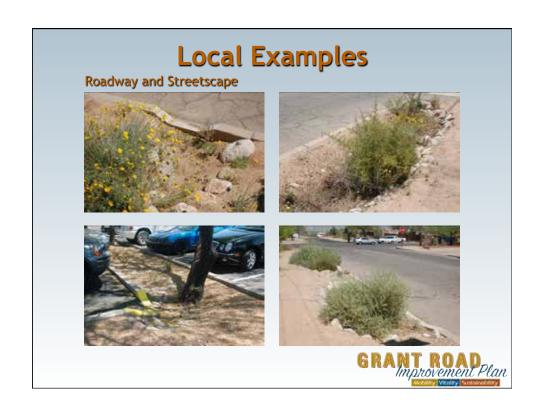


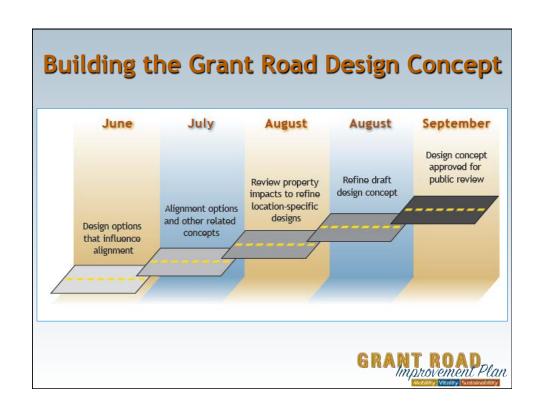
Accommodating Future Transit | Tran

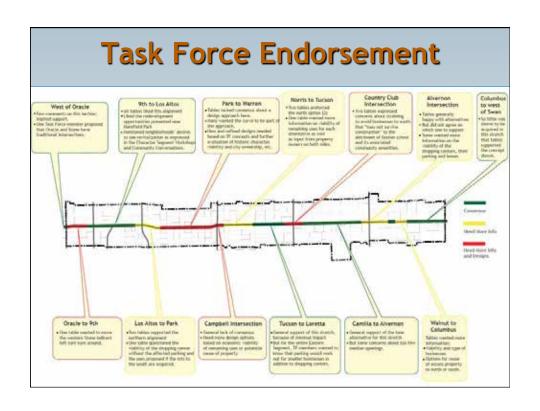


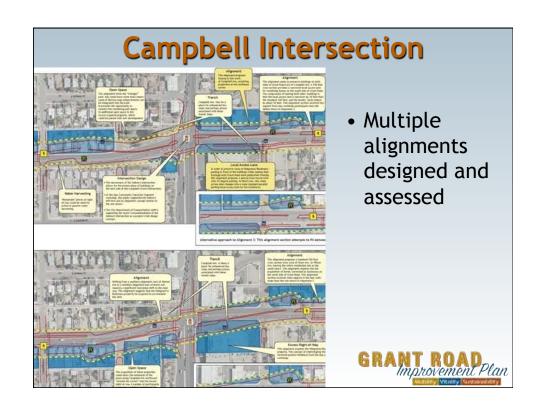


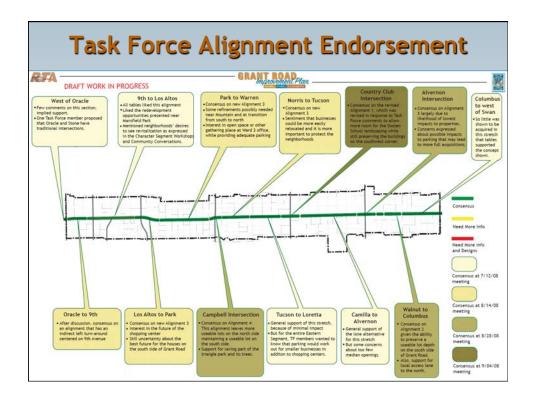












Alignment Approved by M/C!



- Recommended Alignment reviewed with property owners, EOs & public
- Approved by M/C, 6 to 1
- · Limited adverse property owner testimony
- Recommended Alignment became Approved Alignment (as-is)





Pedestrian Mixed Use Centers Zone

- Highest pedestrian activity
- Indicator plants include: Palo Brea, Red Hesperaloe





Residential Zone

- Reflects residential character of adjacent neighborhoods
- Indicator plants include: Acacia, Yucca, Brittle Bush





