Grand Avenue
Improvement Concepts

Community Cafe

Agenda

- Introductions & Why are we here?
- Overview of Complete Streets
- Group Discussion
Complete Streets
Components - Multimodal

- Incorporates pedestrians, bicyclists, transit users, people with disability, and motor vehicles.
Complete Streets Components - Green

- Incorporates street trees, bio-swales, and permeable surfaces, to use plants and soils to collect rain water to improve water quality and limit its transport and pollutant conveyance to the collection system.
Complete Streets

Components - Smart

- Incorporates intelligent signals, smart parking meters, electric vehicle charging stations, car and bicycle-sharing, dynamic way-finding and social networks for greater system efficiencies and user convenience.

Complete Streets Examples

“The BLVD” – Lancaster, CA

- 8 blocks in historic downtown
- Project Features
  - Road diet (4 lanes to 2 lanes)
  - Removal of 6 traffic signals
  - Widened sidewalks
  - Center “Rambla”: diagonal parking, pedestrian amenities, and street trees
- Outcomes
  - Several existing parking lots were transformed into public plazas and playgrounds
  - Weekly farmers market and holiday events
  - 40 new businesses
  - 800 new jobs
  - Made property values increase by 9%
Complete Streets - Examples

“The BLVD”

Grand Avenue

Complete Streets - Example
La Jolla Boulevard in San Diego, CA

- 4 blocks in Business District
- Project Features
  - Road diet (5 lanes to 2 lanes)
  - 5 modern roundabouts
  - Angled parking
  - Bike lanes
  - Bulbouts and raised center medians
  - LED illuminated ped crossing signs and in-pavement flashers
- Outcomes
  - Shorter pedestrian crossing distances
  - Reduced vehicular speeds and delays at intersections
  - 20% boost in sales
  - New stores built
  - Noise levels reduced
Complete Streets
Components - Smart

Complete Streets
Benefits - Safety

- Reduced vehicular speeds
- Dedicated facilities
- Increased space for buffer areas
- Shorter crossing distances

<table>
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<th>Speed (MPH)</th>
<th>% risk of person dying</th>
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<td>40%</td>
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<tr>
<td>40</td>
<td>80%</td>
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Complete Streets
Benefits - **Health**

- Increased opportunities for physical activity
- Physical activity can reduce a number of health problems, including obesity, heart disease, diabetes, and mental illness
- Reduced air pollution and carbon emissions
- Reduced greenhouse gases


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Complete Streets
Benefits - **Economic**

**CASE STUDY**
La Jolla Boulevard, San Diego, CA

The project included a road diet, five single lane roundabouts, new pedestrian crossings, angled parking, and new landscaping.

- 77% reduction in noise levels
- 58% reduction in vehicular speed
- A reduction in travel time
- 20% boost in sales among 55 businesses along the corridor
- 800 daily reductions in motor vehicle trips
- $125 million in economic development
- $10 million in secondary savings
- 40% reduction in fuel consumption

Source: *It's a Safe Decision: Complete Streets in California*, 2012
Grand Avenue
Existing Cross-Section

Complete Streets
Improvement Option - Rambla
Complete Streets
Improvement Option - Rambla

Complete Streets
Improvement Option – Alternating Parking

LEGEND
- Existing Sidewalk
- Sidewalk Extension
- On-Street Parking
- Landscaping Space
- Existing Buildings
Complete Streets
Improvement Option – Alternating Parking

Group Discussion – Question 1

What do you like best about Downtown?
Group Discussion – Question 2

What detracts you from spending more time in Downtown? (What would you change?)

Group Discussion – Question 3

When considering Grand Avenue, what do you want to see?
Next Steps

- Summarize Your Input
- Refine Concepts
- Obtain Feedback from Project Development Team
- Apply for SANDAG Grant Funding to Construct