

Grand Avenue

Improvement Concepts

Community Cafe

Agenda

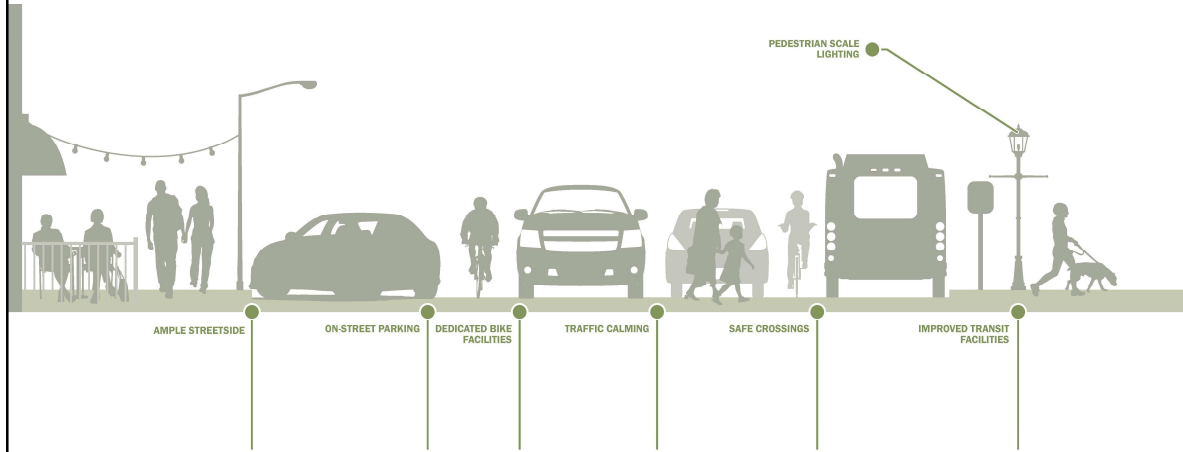
- Introductions & Why are we here?
- Overview of Complete Streets
- Group Discussion

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Complete Streets

Components - Multimodal

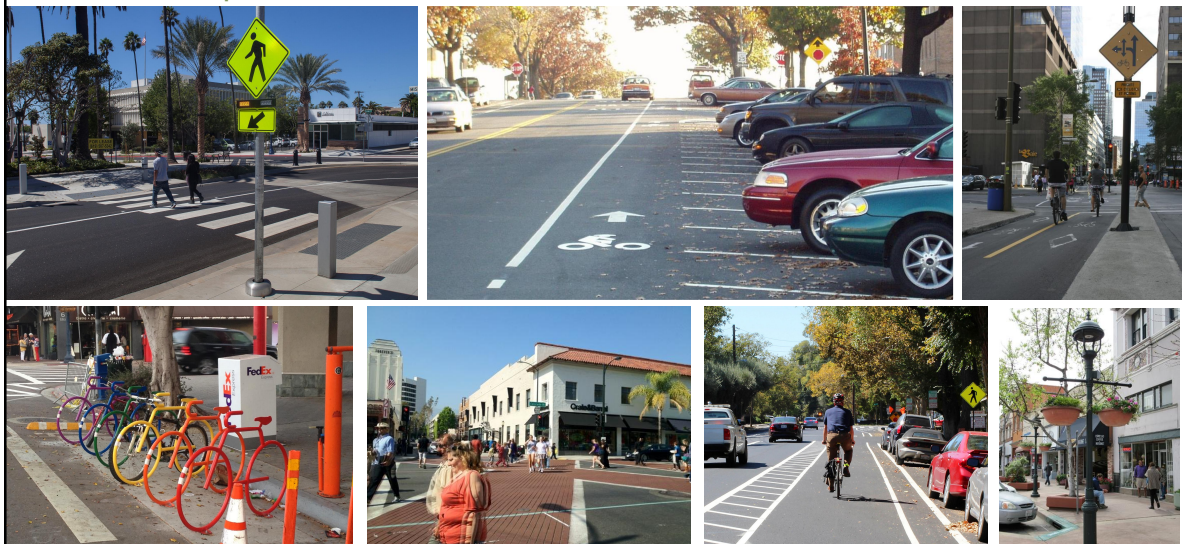
- Incorporates pedestrians, bicyclists, transit users, people with disability, and motor vehicles.



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Complete Streets

Components – Multimodal



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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.



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Complete Streets

Components - Green



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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.

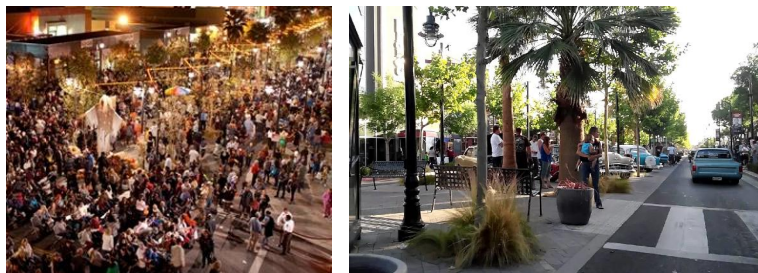


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Complete Streets Examples

"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%



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Complete Streets - Examples

"The BLVD"

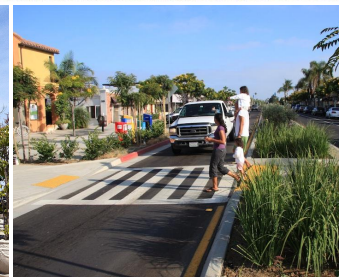


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Complete Streets - Example

La Jolla Boulevard in San Diego, CA

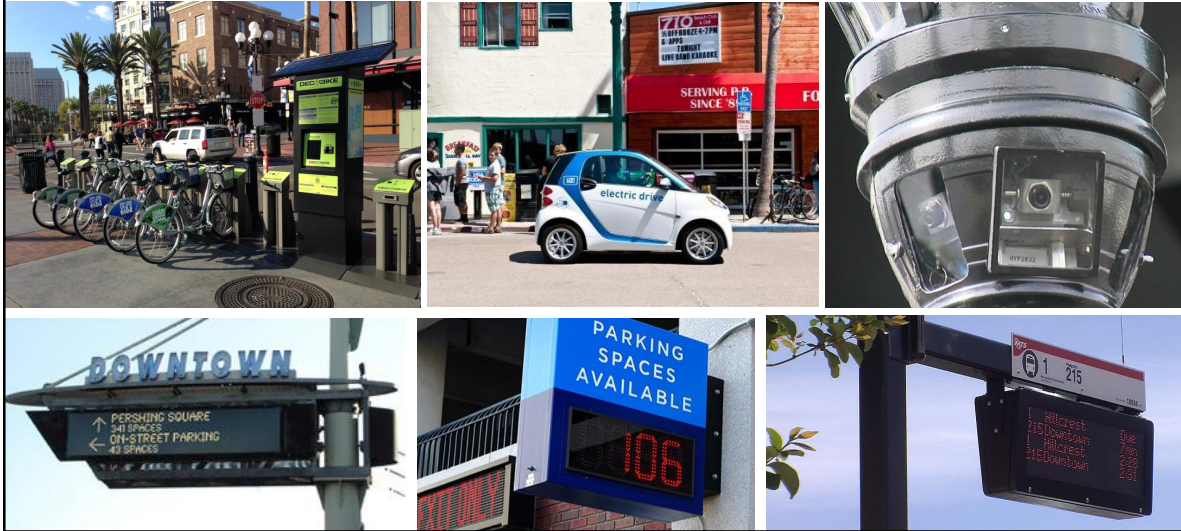
- 4 blocks in Business District
- Project Features
 - Road diet (5 lanes to 2 lanes)
 - 5 modern roundabouts
 - Angled parking
 - Bike lanes
 - Bulbouts and raised center medians
 - LED illuminated ped crossing signs and in-pavement flashers
- Outcomes
 - Shorter pedestrian crossing distances
 - Reduced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



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Complete Streets

Components - Smart



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Complete Streets

Benefits - Safety

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

If hit by a person driving at:



20
MPH



30
MPH



40
MPH

% risk of person dying:



10%



40%



80%


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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


5%
INCREASE IN
WALKABILITY


0.23
POINT REDUCTION IN BMI

6.5%
FEWER VMT

5.6%
FEWER GRAMS OF NO_x EMITTED

5.5%
FEWER GRAMS OF VOC EMITTED

Source: Frank, LD, JF Sallis, TL Conway, JE Chapman, BE Saelens, and W Bachman. 2006. "Many Pathways from Land Use to Health." *Journal of the American Planning Association* 72 (1).

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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.


20%
BOOST IN SALES
among 95 businesses along the corridor


77%
REDUCTION IN
NOISE LEVELS


58%
REDUCTION IN
VEHICULAR SPEED
& A REDUCTION IN
TRAVEL TIME



CASE STUDY
Lancaster
Boulevard,
Los Angeles
County, CA

The project was completed in 2010 and included the removal of 6 traffic signals, creation of a central "rambla", new lighting, and landscape




800 new jobs
\$125 million investment in downtown
40 new businesses

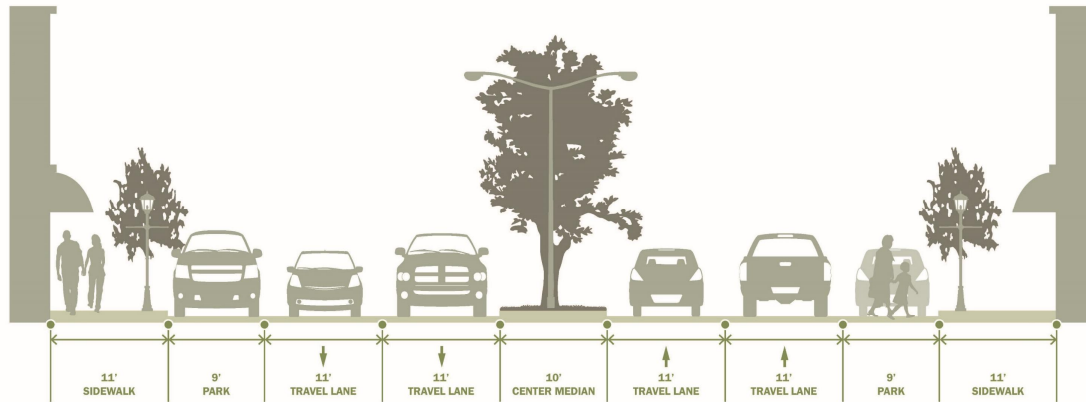
Source: *It's a Safe Decision: Complete Streets in California*, 2012

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Grand Avenue

Existing Cross-Section



Grand Avenue

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Complete Streets

Improvement Option - *Rambla*



LEGEND

- Existing Sidewalk
- Sidewalk Extension
- On-Street Parking
- Landscaping Space
- Parking/ Event Flex Space
- Existing Buildings



GRAPHIC SCALE IN FEET
0 70 140 280

Grand Avenue

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Complete Streets

Improvement Option - *Rambla*



Grand Avenue
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Complete Streets

Improvement Option - *Alternating Parking*



Grand Avenue
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Complete Streets

Improvement Option – *Alternating Parking*



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Group Discussion – Question 1

What do you like best about
Downtown?

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Group Discussion – Question 2

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

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Group Discussion – Question 3

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

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Next Steps

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