



SACOG & Complete Streets

Technical Assistance and Tools

Complete Streets: The Road to Safer Healthier, Livable Communities

Accessibility Planning Perspective on Complete Streets



- Geometrics, cross-sections, design speeds, and other design elements of complete streets are important, but...
 - **1: How do complete streets affect people's ability to get around?**
 - **2: How do we include complete streets concepts into our long range planning process?**

Complete Streets: How SACOG Does It



- Incentives
 - Flexible funding
 - Multimodal focus
- Education
 - Technical tools
 - Data and analysis

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Complete Streets & the MTP2035: Community Design



- Funding
 - Community Design program
 - 3 rounds of funding so far (\$43M)
 - About one-half of funding for Complete Streets, street re-modeling projects
 - \$12M program open now—due mid August 2009 (www.sacog.org)

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Complete Streets & the MTP2035: Transit Funding



- Funding(cont'd)
 - Increased funding for transit
 - Complete Streets need to accommodate/include transit...
 - ...but you need to fund operations of transit to make it real!
 - MTP 2035 includes \$10B for transit operations

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Complete Streets & the MTP2035: Roadway Funding



- Funding(cont'd)
 - Roadway capacity
 - New road projects, widenings, reconstructions, etc. **will be influenced by Complete Streets principles**
 - \$11B for road capacity, \$14B for road M&O

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SACOG Complete Streets Technical Assistance Program



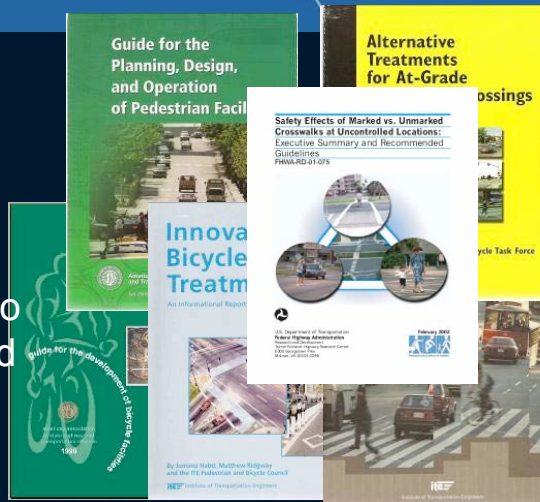
1. Reference Materials (available, in use)
2. GIS, Modeling and Forecasting (in use)
3. Bicycle Trip Planner (in development)
4. Walkability Auditing & Accessibility Index (in development)

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Reference Materials: Complete Streets Library



- Case studies, Best Practices Guides, Sample Policies, Technical Guides
- Available at no cost to local agency staff and planning partners



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Reference Materials: Images, Photo Simulations, Etc.



- Image library
 - 1,500 web-accessible photos of smart growth, streetscapes, etc.
 - Useful for workshop materials, staff presentations, etc.
- Photo simulations
 - Show how an existing street can be transformed into a Complete Street

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Hurley Way



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Sacramento County, CA
Hurley Way



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Hurley Way



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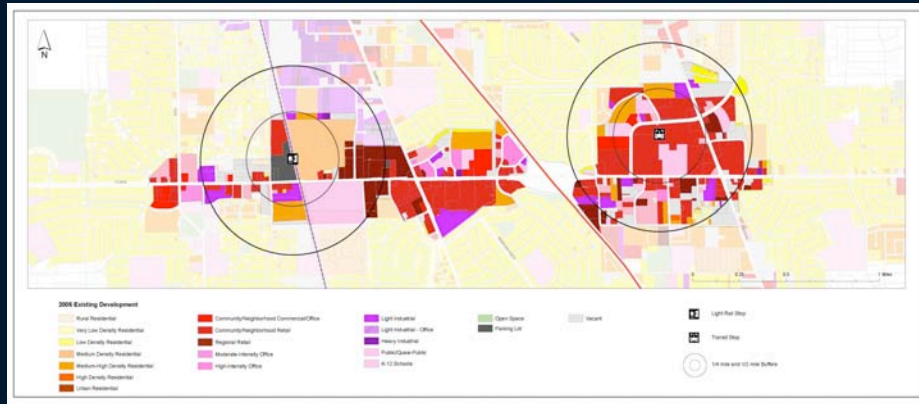


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GIS & Modeling: Showing Value of Street Pattern in Forecasts

- Body of research on “street pattern”
 - Street pattern measures the level of connectivity provided by the streets serving an area
- Highly influential in increasing bike and walk trips, and shortening vehicle trips
- SACOG has developed innovative ways of directly including street pattern in our long range forecasts

GIS & Modeling: Details are Important—All Data at Parcel Level



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GIS & Modeling: Intersection Density



- Green="Good" Intersections (3 or 4 legs)
- Red="Bad" Intersections (cul de sacs)
- Density of "good" and "bad" intersections used in forecasting



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Bicycle Trip Planner: In Development



- “GOOGLE-like” map interface for bike trip planning
- Route suitability (data collection...)
- CMAQ funded
- SACOG Bike/Ped Comm.



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Routing Web Application

http://localhost/BikeTripPlanner/Default.aspx

Get Directions

Enter addresses to get directions.

Starting from:

Street Address: 6451-6467 Oakridge Way

City: Sacramento State: ZIP Code: 95831

Find Address

Arriving at:

Street Address: 626-698 J St

City: Sacramento State: ZIP Code: 95814

Get Directions

Get Route Clear Route

Click to choose an origin location: (Show Map...)

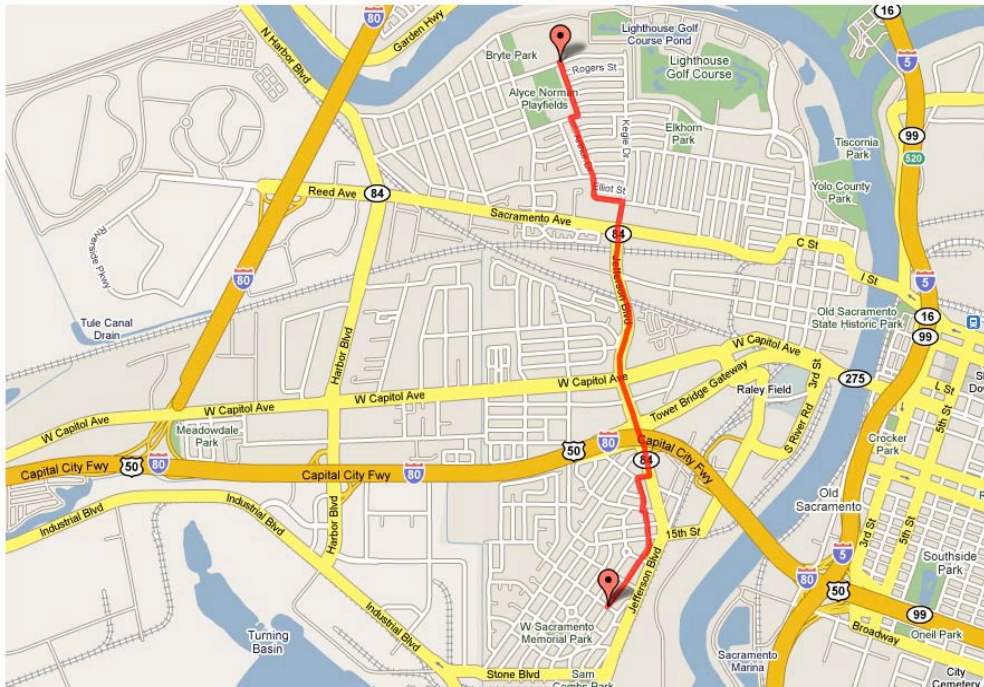
Click to choose a destination location: (Hide Map...)

Map data ©2009 Tele Atlas - Terms of Use

100 16th St West Sacramento, CA

1200 Carrie St West Sacramento, CA

Find Route



Walkability Auditing & Accessibility Index: In Development



- Inventory pedestrian & bicycle environment
- Train/utilize local community groups to do audits
- SACOG tech support in assembling, mapping inventory
- Safe Routes to schools focus
- In support of WalkSacramento
- SACOG work funded thru Caltrans Blueprint Planning grant





THANK YOU!

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