Livable Communities + Commuter Rail
Can we have both?

San Diego Experience

Linda Culp
Principal Planner – Rail
San Diego Association of Governments
Presentation

- Long-Range Planning – San Diego in 2050
- Transportation and Land Use Integration
  - Existing Commuter Rail Service
  - Future High-Speed Rail Service
San Diego Region 2050
2050 Regional Growth Forecast

![Graph showing population, jobs, and housing growth from 1970 to 2050.]

- Population: 1.53 in 1970, 4.38 in 2050
- Jobs: 1.90 in 1970, 1.53 in 2050
- Housing: 1.53 in 1970, 1.53 in 2050

The graph illustrates the forecasted growth in millions of people, jobs, and housing units from 1970 to 2050.
2050 Projected Job Distribution

Employment Density 2050 Jobs/Acre

- 0.25 - 3
- 3 - 10
- 10 - 25
- 25 - 75
- 75 - 1177

Portions of the product may contain geographic information copyrighted by SANDAG. All rights reserved.
2050 RTP Goals

- Reliability
- System Preservation & Safety
- Social Equity
- Healthy Environment
- Prosperous Economy
- Mobility
Sustainable Communities Strategy
Where Do We Need to Go?

Actual and Projected Emissions

- 2020 Target
- 2050 Target
Urban Area Transit Strategy

- Increase transit, walking, and biking in the urbanized areas of the region
- Maximize the use of transit in peak periods
- Reduce GHG emissions and VMT
- Increase share of regional trips made on transit
Draft 2050 RTP
Unconstrained Transit Network

- High Speed and Commuter Rail
- COASTER Rail
- Light Rail Transit
- Express Light Rail Transit
- Bus Rapid Transit
- Peak Bus Rapid Transit
- Rapid Bus
- Streetcar/Shuttle-Circulator
- High Frequency Local Bus Services
Transportation-Land Use Integration
Regional Comprehensive Plan

- Urban Form
- Healthy Environment
- Transportation
- Housing
- Public Facilities
- Economic Prosperity
- Borders
Smart Growth Concept Map

- Show where smart growth is planned
- Plan for infrastructure investments that support smart growth
- Provide basis for incentives
Smart Growth Concept Map

Smart Growth Areas

<table>
<thead>
<tr>
<th>Existing/Planned</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Metropolitan Center</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Urban Center</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Town Center</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Community Center</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Rural Village</strong></td>
<td></td>
</tr>
<tr>
<td>(with core area)</td>
<td></td>
</tr>
<tr>
<td><strong>Mixed Use Transit Corridor</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Special Use Center</strong></td>
<td></td>
</tr>
</tbody>
</table>

SANDAG

July 26, 2008
San Diego’s Rail Network

- Amtrak Intercity
- Commuter Rail
- East-West Rail Connections
- Nation’s 2nd Busiest
- Future High-Speed Service
San Diego’s Rail Network

- Amtrak Intercity
- Commuter Rail
- East-West Rail Connections
- Nation’s 2nd Busiest
- Future High-Speed Service
Commuter Rail Stations

- Coastal San Diego Communities
- Limited Parking at Capacity
- Limited Transit Connections
- Low Density Development
Station Plans

- Mixed use developments open or under construction
- Future plans could require land use changes
- Additional parking and pricing
San Diego’s Rail Network

- Amtrak Intercity
- Commuter Rail
- East-West Rail Connections
- Nation’s 2nd Busiest
- Future High-Speed Service
The High-Speed Future

- 800-mile system
- Steel wheel on steel rail
- 100% clean electric power
- Maximum operating speed of 220 mph
- Dedicated track, grade-separated
- Safe and reliable
Destination Lindbergh:
Intermodal Transportation Center
High-Speed Train Station Areas

- Smart Growth Areas
- Multimodal Hubs
- Parking Limits and Shared Parking
- Economic Development
- Community Enhancement
- All Stations Are Not Alike
- Smart Growth Planning Partnerships
ULI Technical Assistance Panel (TAP)
Transit Oriented Development at the Lindbergh Field's Proposed High Speed Rail Stop

SANDAG
Summary

- Central Role For Transit And Rail In Addressing Mobility, Greenhouse Gas Emissions, And Quality Of Life
- Partnerships On Smart Growth Opportunities At Commuter Rail Stations
- Future High-speed Train Stations Designed As Multimodal, Transit-oriented
Contact Information

Linda Culp
Principal Planner – Rail
San Diego Association of Governments
lcu@sandag.org
619-699-6957
www.sandag.org