Update on the South Bay to Sorrento Comprehensive Multimodal Corridor Plan (CMCP)

Transportation Committee Item 6
October 16, 2020

Comprehensive Multimodal Corridor Plan Program
CMCPs Phase I

Current Projects Along Corridor
Transit Only Lane

South Bay to Sorrento Study Area
By the Numbers (Study Area as % of Region)

- Population: 21.5%
- Jobs: 31%
- Housing units: 20%
- Senior population: 18%
- Low income households: 26%
- Minority population: 29%

SANDAG 2019 estimates
Jobs Source: S14 forecast data source 35 (2020)

Twenty Years of Corridor Growth
2000–2020

- Population: 13%
- Housing Units: 14%
- Jobs: 31%

Sources:
2000 Population/Housing Units: 2000 Census
2000 Jobs: SANDAG Series 10 Forecast base year
2019 Population/Housing Units: 2019 SANDAG Estimates
Employment Centers

Existing Transportation Network: Transit
Transportation Network: Pinch Points

Regional Rank

- ▼ = top 50
- ▲ = top ten

Source: Caltrans, Performance Measurement System (PeMS) – 2019

Transportation Network: Existing Active Transportation

Existing Bike Network
- Class I
- Class II
- Class III
- Class IV
Major Activity Centers

- Shopping Centers
- Courthouses
- Universities / Community Colleges
- Hospitals
- Land Port of Entry
- Maritime Port of Entry
- Airport
- Parks
- Military Facilities

Existing Housing Density

Source: SANDAG, CBED 2019-2020 Data
### Communities of Concern

<table>
<thead>
<tr>
<th>Facility Type</th>
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<th>Hazard Type</th>
<th>Distance Impacted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadway</td>
<td>SR-75</td>
<td>Flooding</td>
<td>18,920 feet (3.6 miles)</td>
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<td>Active Transportation</td>
<td>Sweetwater Loop and River Trail</td>
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<td>530 feet</td>
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<tr>
<td></td>
<td>Bayshore Bikeway</td>
<td>Flooding and Inundation</td>
<td>48,650 feet (9.2 miles)</td>
</tr>
<tr>
<td>Transit</td>
<td>Blue Line Trolley @ North National City</td>
<td>Flooding</td>
<td>3,330 feet</td>
</tr>
</tbody>
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**Sources:**
- SANDAG Regional Transportation Infrastructure Sea Level Rise Assessment and Adaptation Guidance
- [Caltrans](https://caltrans.maps.arcgis.com/apps/webappviewer/index.html?id=0699fd7eb57e416eb99d3e1ac38976c7)

### Resilience to Climate Change

#### Sea Level Rise – 2.5 feet

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Challenges

• Bike/Ped Network Lacks Connectivity and Facilities for All Ages and Abilities
• Lack of Dedicated Right-of-Way for Transit on Local Streets and Highways resulting in congestion
• 10 of the Region’s Top 50 Freeway Bottlenecks
• Lack of Consistent HOV Lanes and High Violation Rates
• Need Improved First Mile Last Mile Connections to Transit
• Lack of Sufficient Parallel Facilities for Alternative Modes Along I-805 (e.g., Blue Line, Bayshore and Rose Canyon bikeways)
• No Transit Connections Between South County to Kearny Mesa/Sorrento Valley
• East – West Connectivity

Opportunities

• Purple Line/Blue Line Express
• Active Transportation Improvements and East-West mobility
• Land Use Density in Community Plan Updates
• Bus Only Lanes
• Mid-Coast Trolley Connections and Adjacent Land Use Improvements
• Leverage Intelligent Transportation Systems and the Border Master Plan Update to Improve Border Connections and Crossings
• Improve Access to Military Installations
• Improved Goods Movement Flow Along I-805
• Mobility Hub Development in Chula Vista
• Transportation Demand Management and Neighborhood Electric Vehicles
A Bold New Vision
Fast, Fair, Clean

High Level Schedule

- **Public Outreach**
  - Summer 2020: Develop Workplan and Onboard Consultant
  - Fall 2020: Stakeholder Outreach
  - Winter 20-21: Transportation Solution Assessments
  - Spring 2021: Performance Measures/Refinement
  - Summer/Fall 2021: Draft/Final Plans