A Bold New Vision
Agenda

- Working group introductions
- Overview of 5 Big Moves
- Data driven planning process
- 5 Big Moves concepts
  - Table activity
- Policy framework
  - Table activity
- Report out and next steps

Working Groups

- Active Transportation Working Group
- Cities/County Transportation Advisory Committee
- Committee on Binational Regional Opportunities
- Community-Based Organization Working Group
- Environmental Mitigation Program Working Group
- Freight Stakeholders Working Group
- Regional Energy Working Group
- Regional Planning Technical Working Group
- San Diego Regional Traffic Engineers Council
- Social Services Transportation Advisory Council
A Refresher on the 5 Big Moves

- **NEXT OS**
  Enabling Technology

- **COMPLETE CORRIDORS**
  Smart, connected, and multimodal transportation network

- **FLEXIBLE FLEETS**
  Shared mobility services that complement transit

- **TRANSIT LEAP**
  High speed and frequent public transportation

- **MOBILITY HUBS**
  Transfer points at activity centers

California is Not on Track to Meet SB 375 GHG Targets

Statewide CO₂ and Vehicle Miles Traveled (VMT) Per Capita

Source: California Air Resources Board, 2018 Progress Report: California’s Sustainable Communities and Climate Protection Act, November 2018
What happens if the GHG target is not met?

- Severely threatens all access to federal and state transportation funding for SANDAG, Caltrans, local jurisdictions, and transit agencies

Population
- 2050: 4.0 million
- 2019: 3.4 million
- 20% increase

VMT
- 2050: 103 million
- 2018: 84 million
- 24% increase

64% of trips are considered “mandatory”

1 of 3 trips are for work or work related

12.2 mile average commute to work
Data-Driven Planning
Using empirical data to drive our vision and framework

Trips headed to Sorrento Valley

1 of 5  South @ Via de la Valle
2 of 5  West @ Carmel Country
1 of 8  West @ Mission Trails
1 of 3  North @ Governor
1 of 2  North @ Genesee
Location-Based Data

Public Input

• Significant outreach in 2018 regarding transportation network themes and concepts
• Thousands of residents participated
  – Online and printed surveys
  – Comment forms and emails
  – Social media
  – Open houses, community conversations
  – Workshops hosted by Community Based Organizations
• Human-centered design approach for new vision is building on and validating previous input
Human Centered Design Research

Resident Perceptions

- Transit is only for people without cars
- Transit isn’t frequent and takes too long
- Micro-mobility is for recreation and not utility

- Transit is unsafe and uncomfortable
- Transit doesn’t go where people need to go
- Dangerous driving and a lack of bike lanes makes biking unsafe

- A lack of school buses increases traffic around schools and requires parents to drive
- Transit isn’t adequate for low income and disabled residents that can’t drive
- Changing travel time to avoid congestion is preferred over taking alternative modes
Transit Leap Service Types

- Tier 1: Fully Grade Separated/Higher Speed/Longer Distance
- Tier 2: Partially Grade Separated/Med Speed/Shorter Distance
- Tier 3: Rapid, Express, or Commuter Bus
- Tier 4: Local and Rural Bus

Flexible Fleets Categories

- **Micromobility**: Small – low-speed – short distance
- **Ridehailing/Carsharing**: Personal passenger rides all trip types
- **Rideshare**: Multi-passenger – shared rides common origin and destination
- **Microtransit**: High-occupancy – shared rides common origin and destination
- **Last Mile Delivery**: Ground and aerial – small and light-weight short and medium distance
## Next OS Capabilities

<table>
<thead>
<tr>
<th>Users...</th>
<th>RESIDENTS AND VISITORS</th>
<th>TRANSPORTATION OPERATORS</th>
<th>PLANNERS AND POLICYMAKERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Want to...</td>
<td>access transportation services to move cheaper, faster, and safer</td>
<td>manage services or assets as efficiently as possible</td>
<td>make informed decisions to promote economic growth and quality of life</td>
</tr>
<tr>
<td>With Next OS, they’ll use...</td>
<td>A suite of integrated applications to browse, book, and pay for services</td>
<td>A suite of dashboards and tools with advanced analytics</td>
<td>A platform with public and private data that better informs decisions</td>
</tr>
<tr>
<td>In order to...</td>
<td>browse options to make informed transportation decisions</td>
<td>leverage new tools to optimize operations and performance</td>
<td>inform, implement and enforce policies to manage demand</td>
</tr>
</tbody>
</table>

## Next OS Features

<table>
<thead>
<tr>
<th>Mobility Hubs</th>
<th>Transit Leap</th>
<th>Flexible Fleets</th>
<th>Complete Corridors</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Trip planning kiosks</td>
<td>• Real time information</td>
<td>• Fleet management</td>
<td>• Signal prioritization</td>
</tr>
<tr>
<td>• Smart parking</td>
<td>• Loyalty rewards</td>
<td>• Integrated trip planning</td>
<td>• Dynamically managed lanes</td>
</tr>
<tr>
<td>• Modal integration</td>
<td>• Asset management</td>
<td>• Unified payments</td>
<td>• Dynamic pricing</td>
</tr>
<tr>
<td>• Curb access management</td>
<td>• Route optimization</td>
<td>• Enforcement</td>
<td>• Emergency services optimization</td>
</tr>
</tbody>
</table>

2021 Regional Plan Working Group Forum | October 3, 2019
Complete Corridors Types

<table>
<thead>
<tr>
<th>Features</th>
<th>Regional Corridors</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A</td>
</tr>
<tr>
<td>Corridor Use</td>
<td>Regional</td>
</tr>
<tr>
<td></td>
<td>Intregional</td>
</tr>
<tr>
<td></td>
<td>Urban</td>
</tr>
<tr>
<td></td>
<td>Connectivity</td>
</tr>
<tr>
<td>Rural access</td>
<td>Connectivity and</td>
</tr>
<tr>
<td></td>
<td>freeways</td>
</tr>
<tr>
<td>Trip Distance</td>
<td>&gt;20 miles</td>
</tr>
<tr>
<td></td>
<td>(60%)</td>
</tr>
<tr>
<td>5-20 miles</td>
<td>(30%)</td>
</tr>
<tr>
<td>&lt;5 miles</td>
<td>(10%)</td>
</tr>
<tr>
<td>Operational</td>
<td>VMT</td>
</tr>
<tr>
<td>Performance</td>
<td>(Freeway)</td>
</tr>
<tr>
<td></td>
<td>(68%)</td>
</tr>
<tr>
<td>Delay</td>
<td>(Freeway)</td>
</tr>
<tr>
<td></td>
<td>(66%)</td>
</tr>
</tbody>
</table>

Complete Corridor Concept (Highway)
Complete Corridor Concept (Arterial)

Mobility Hub Types

Regional Hub Type 1
• Use Flexible Fleets to reach Transit Leap services
• Use Flexible Fleets for short trips within communities (live/play)

Regional Hub Type 2
• Use Flexible Fleets to travel to regional destinations via Complete Corridors
• Use Flexible Fleets for short trips within communities (live/play)
Mobility Hub Concept Type 1

Supportive Land Uses
Placemaking and Amenities

Smart Intersections
Table Activity: Concept Feedback

For Complete Corridors:
• Spend 5 minutes reviewing the concepts at your table and filling out the feedback forms
• Spend 10 minutes discussing your thoughts with your table group

Table Activity: Concept Feedback

For Mobility Hubs:
• Spend 5 minutes reviewing the concepts at your table and filling out the feedback forms
• Spend 10 minutes discussing your thoughts with your table group
Policy Framework

- Zero Emission Vehicles
- Land Use and Housing
- Transportation Demand Management
- Climate Adaption and Resiliency
- Parking Management
- Next OS Governance
- Climate Action Plans
- Curb Management
- Vision Zero
- Complete Corridor Operations
- Fix-it First

Table Activity: Policies and Programs

- Spend 5 minutes reviewing the policies and programs at your table and filling out the feedback form
- Spend 10 minutes discussing your thoughts with your table group
Report Out: One Big Idea

What is one big idea that your table group came up with?

Draft 2019 Federal RTP

- **Provide comments through October 22**
  - SDForward.com/2019FederalRTP

- **Open house**
  - October 15 from 3:30-6:30 p.m.
  - SANDAG Vision Lab

- **Public hearing**
  - October 18 at 9 a.m.
  - SANDAG Transportation Committee meeting
Stay Connected

Sign up to receive email updates
  • SDForward.com/subscribe

SDForward.com/webinars
  • Watch previous 5 Big Moves webinars
  • Register for the Clean Transportation webinar on October 23

• Social media

SDForward.com