Moving Forward 2040

Comprehensive Transportation Plan

SONOMA COUNTY TRANSPORTATION AUTHORITY
CTP Development Process

1. Develop and implement public engagement strategy
2. Review Goals and Targets – progress since last plan
3. Inventory transportation systems & update transportation needs
4. Analyze trends and forecasts
5. Review policies and technology
6. How can we meet the CTP goals and targets?
What we heard – vision for 2040

• “The state of repair of Sonoma County Roads is horrendous. Other local counties seem to find the resources, why can't we?”
• “Bus services need to be increased, both routes and trip frequencies.”
• “Expand SMART to Cloverdale!”
• “I ride a bike everyday everywhere because I can't afford a car. I always feel unsafe riding my bike with cars.”
• “I currently drive an electric vehicle. There are a bunch of charging stations around but we need them in places that make sense.”
• “It will be important that we have planned ahead and put in infrastructure that allows us to continue living and creating communities that will support our children.”
Commute to Work (2013)
FORECASTS
2010 - 2040

Population: 483,878
Housing units: 189,773
Jobs: 192,010
2040:
Population: 598,460
Housing units: 223,825
Jobs: 256,363
Transportation System

Roads

• Highway 101 project will be completed in the next 10 years. Highway 37 is just beginning.
• Streets, roads and bridges need repair and maintenance
• Many city streets become congested during peak commute times, school bell times, and special events.

Transit

• Santa Rosa Downtown Transit Mall serves 30 routes and over 10,000 passengers a day.
• SMART begins service in 2016
• Transit stations / Station Area Plans in most cities
• Clipper fare, Real time information

CTP Chapter 3 Transportation System
Transportation System

Bicycle & Pedestrian
• Total existing facilities 257.7 miles,
• Total proposed – 1,132.3 miles.
• Complete streets policies and implementation.

Innovation and Trends
• Shared mobility
• Connected and autonomous vehicles
• Electric vehicles
• Increased telecommuting
• Digital communication
• Real time travel information
Comprehensive Transportation Plan Goals

- Maintain the System
- Relieve Traffic Congestion
- Reduce GHG Emissions
- Plan for Safety and Health
- Promote Economic Vitality
## Transportation Projects

<table>
<thead>
<tr>
<th>Project Type</th>
<th>Number of projects</th>
<th>Cost in $M</th>
<th>Known Funding in $M</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike/Walk</td>
<td>77</td>
<td>$452.52</td>
<td>$11.05</td>
</tr>
<tr>
<td>Bridges</td>
<td>5</td>
<td>$99.00</td>
<td>$16.09</td>
</tr>
<tr>
<td>Highway</td>
<td>23</td>
<td>$907.50</td>
<td>$269.00</td>
</tr>
<tr>
<td>Tech Solutions</td>
<td>2</td>
<td>$6.90</td>
<td>$0</td>
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<tr>
<td>Local Road projects</td>
<td>66</td>
<td>$687.57</td>
<td>$57.98</td>
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<tr>
<td>Local Road Rehab</td>
<td>18</td>
<td>$2,119.32</td>
<td>$0.20</td>
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<tr>
<td>Programs</td>
<td>2</td>
<td>$46.00</td>
<td>$8.75</td>
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<tr>
<td>Transit Maintenance</td>
<td>10</td>
<td>$1,724.37</td>
<td>$1719.65</td>
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<tr>
<td>Transit Expansion</td>
<td>21</td>
<td>$692.62</td>
<td>$3.55</td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>249</td>
<td><strong>$6,085.06</strong></td>
<td><strong>$1,380.14</strong></td>
</tr>
</tbody>
</table>
Population has a significant impact on the vehicle miles traveled. The CTP Vision will lessen that impact.

CTP Chapter 6 Evaluating Plan Performance
We’d like to see things move in the direction indicated by the arrows.

- No Change
- 2040 Growth
- 2040 CTP Projects
- 2040 CTP Proj. with Pavley Fuel Economy
Key findings

• Population growth drives increase in VMT.
• There are many transportation projects that provide significant local benefits but do not impact the entire county.
• Planning for growth will make a difference in meeting the goals.
• Transportation projects alone will not accomplish the CTP goals. Policy change, at all levels of government, and change in behavior is necessary to meet all of the goals.
• Funding is an ongoing challenge.
Looking Forward to implementation, how can we meet 2040 targets?

<table>
<thead>
<tr>
<th>Funding</th>
<th>Selected transportation improvements</th>
<th>Vision transit improvements</th>
</tr>
</thead>
<tbody>
<tr>
<td>City-centered/PDA focused growth</td>
<td>Trip Reduction</td>
<td>Increased Transit Ridership</td>
</tr>
<tr>
<td>Shift to walking and biking</td>
<td>Vehicle and fuel efficiency improvements</td>
<td>55 MPG or better vehicle fuel economy</td>
</tr>
</tbody>
</table>

CTP Chapter 7 Funding & Implementation
Transportation Funding Need

$5 billion
for 25 years

$2 billion in road maintenance alone
Next steps

• Open House – July 13 at 490 Mendocino Ave, Santa Rosa
• Public review – comments due by August 16
• Final document and EIR addendum anticipated to SCTA for adoption September 12
http://scta.ca.gov/ctp

View the CTP at the SCTA website above. This is also one of the places to comment on the plan.
GoAL 2: Relieve Traffic Congestion

Target: 20% Below 2005 Congestion
Goal 3: Reduce GHG Emissions

GOAL 3: Reduce GHG Emissions

- 2040 Target (40% Below 1990)
- 2040 No Action
- 2040 CTP Composite Scenario
GOAL 4: Safety & Health - % Walk, Bike, Transit

2040 Target: 15% by 2040

Goal 4: Plan for Safety and Health

- 2010: 8%
- 2040 No Action: 8%
- 2040 Composite Scenario: 15%
Goal 4: Plan for Safety and Health

Target: 33.3% by 2040
Goal 4: Plan for Safety and Health

Target: Reduce 2010 Accident Rates by 20% by 2040
Goal 5: Promote Economic Vitality

Target: Reduce by 10% by 2040.
Goal 5: Promote Economic Vitality
Goal 5: Promote Economic Vitality
We’d like to see things move in the direction indicated by the arrows.