A New Beginning

“We believe that the federal surface transportation program should not be reauthorized in its current form. Instead we should make a new beginning.”

— National Surface Transportation Policy and Revenue Study Commission
Transit Spending as Percent of Funding in Long-Range Transportation Plan

![Bar chart showing the percent of transit funding for different cities. Source: FHWA, 2002]
Transportation 2035 Plan

Plan Expenditures by Function

- Maintenance & Operations: 81%
- Expansion: 19%
The Climate Challenge
Greenhouse Gas Emissions

Sources: USEIA, BAAQMD

<table>
<thead>
<tr>
<th></th>
<th>World</th>
<th>Bay Area</th>
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</thead>
<tbody>
<tr>
<td>Transportation</td>
<td>14%</td>
<td>50%</td>
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Sources: USEIA, BAAQMD
California’s Legislative Trifecta

- **Pavley Bill (2002)**
  - 30% reduction in GHG emissions from new autos in 2016
  - Tied up in courts
  - EPA needs to grant waiver

- **AB32 (2006)**
  - First state to put hard cap on emissions
  - Lower GHG emissions to 1990 levels by 2020

- **SB375 (2008)**
  - GHG targets for Regional Transportation Plans
  - Land Use Scenarios to meet targets
  - Streamlining approval process for some infill projects
Assessing the Difference
Reduce CO₂ 40% below 1990 levels

Tons per day of CO₂ (x1000)


Trend
Transportation 2035
Add Pricing and Land Use
2035 Objective
What Did We Learn?

- Infrastructure projects alone not enough
- Road pricing more significant effect in the short-term
- Focused growth helps reach targets in the longer term
- Technology innovations help in closing the gap
- Shifts in individual behavior ultimately drive change
Transport Pricing: A Key Ingredient

Cost Increase for Typical Commute

- Parking surcharge
- Congestion surcharge
- Auto operating Carbon/ VMT tax
- Current auto operating charge

Pricing package increases auto operating costs five-fold, with focus on peak congested times

Note: Represents cost for typical commute trip. Does not reflect discounts for low-income travelers.
FOCUS: the Bay Area’s Smart Growth Vision
Carrots and Sticks

Billions of Dollars

TLC
Transit Expansion
Housing Thresholds: MTC TOD Policy

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<tr>
<th></th>
<th>BART</th>
<th>Light Rail</th>
<th>BRT</th>
<th>Commuter Rail</th>
<th>Ferry</th>
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<tr>
<td>Housing Units</td>
<td>3,850</td>
<td>3,300</td>
<td>2,750</td>
<td>2,200</td>
<td>2,500</td>
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<td>within half-mile of station</td>
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Bay Area’s TOD Innovations

- Station Area Planning Program – funding to implement TOD policy
- Transit Passes instead of parking for TOD developments – pilot program
- ‘TODcasts’ – download and see for yourself!
Changes in Behavior & Attitudes

Annual U.S. Cigarette Consumption

California’s Recycling Rate

American Lung Association

California Integrated Waste Management Board
Three Legs to Every Stool

- **Three ‘E’s**
  - Economy
  - Environment
  - Equity

- **Three Sectors**
  - Public Sector
  - Private Sector
  - Citizen Advocates/NGOs
For More Information Go to:

www.mtc.ca.gov/planning
www.abag.ca.gov/planning