

Division of Transportation Planning

# Planning Horizons



**July 30th, 2014**

10:00 – 11:30 a.m.

Dept. of Food & Agriculture Auditorium  
1220 N Street, Sacramento CA

Webcast

<http://livemsmmedia.dot.ca.gov/channel12>

Questions

[planning.horizons@dot.ca.gov](mailto:planning.horizons@dot.ca.gov)

## Kate White

CalSTA Deputy Secretary

Environmental Policy and Housing Coordination



## Planning for Sustainability



# Planning for Sustainability

1. What is Sustainability?
2. What is Sustainable Transportation?
3. Sustainability in Legislation
4. Secretary Kelly's California Transportation Infrastructure Priorities
5. State Smart Transportation Initiative Report Recommendations
6. Invitation to My Birthday Party

# What is Sustainability?

“Development that meets the needs of the present without compromising the ability of future generations to meet their own needs”

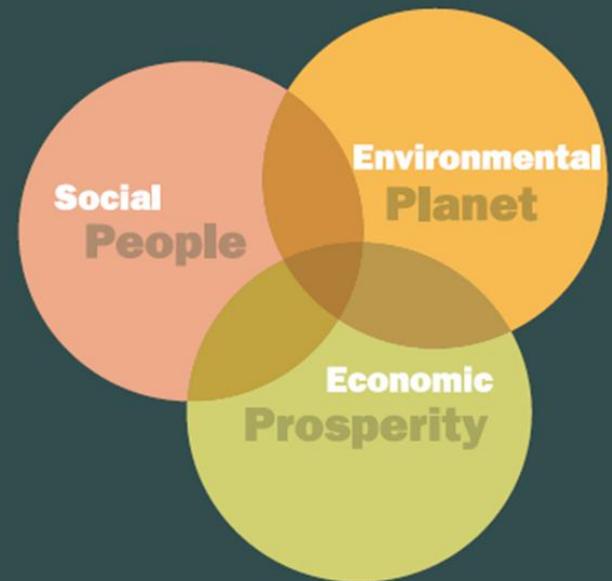
*- Our Common Future, UN World Commission on Environment and Development, 1987*

# The 3 E's of Sustainability



## A sustainable transportation system

balances stewardship of **social**, **environmental** and **economic** resources for the long-term public good.



# THE VISION SUSTAINABILITY



## THE GOALS

- 1 Improve Multimodal Mobility and Accessibility for All People
- 2 Preserve the Multimodal Transportation System
- 3 Support a Vibrant Economy
- 4 Improve Public Safety and Security
- 5 Foster Livable and Healthy Communities and Promote Social Equity
- 6 Practice Environmental Stewardship

## THE POLICIES

<b>POLICY 1</b> Manage and Operate an Efficient Integrated System	<b>POLICY 1</b> Apply Sustainable Preventative Maintenance and Rehabilitation Strategies	<b>POLICY 1</b> Support Transportation Choices to Enhance Economic Activity	<b>POLICY 1</b> Reduce Fatalities, Serious Injuries, and Collisions	<b>POLICY 1</b> Expand Engagement in Multimodal Transportation Planning and Decision Making	<b>POLICY 1</b> Integrate Environmental Considerations in All Stages of Planning and Implementation
<b>POLICY 2</b> Invest Strategically to Optimize System Performance	<b>POLICY 2</b> Evaluate Multimodal Life Cycle Costs in Project Decision Making	<b>POLICY 2</b> Enhance Freight Mobility, Reliability, and Global Competitiveness	<b>POLICY 2</b> Provide for System Security, Emergency Preparedness, Response, and Recovery	<b>POLICY 2</b> Integrate Multimodal Transportation and Land Use Development	<b>POLICY 2</b> Conserve and Enhance Natural, Agricultural, and Cultural Resources
<b>POLICY 3</b> Provide Viable and Equitable Multimodal Choices Including Active Transportation	<b>POLICY 3</b> Adapt the Transportation System to Reduce Impacts from Climate Change	<b>POLICY 3</b> Seek Sustainable and Flexible Funding to Maintain and Improve the System		<b>POLICY 3</b> Integrate Health and Social Equity in Transportation Planning and Decision Making	<b>POLICY 3</b> Reduce Greenhouse Gas Emissions and Other Air Pollutants
					<b>POLICY 4</b> Transform to a Clean and Energy Efficient Transportation System





**Social Sustainability** involves stewardship that improves the safety, health and quality of life for workers, travelers and communities. Caltrans promotes Social Sustainability in the following areas:

- Worker and Traveler Safety
- Active Transportation
- Workforce Development
- Supporting Livable Communities



**Environmental Sustainability** entails complying with legal mandates, and proactive stewardship decisions and actions to improve ecological health and resiliency. Caltrans promotes Environmental Sustainability in the following areas:

- Ecosystem Preservation
- Climate Change Adaptation
- Low Impact Development
- Reducing Greenhouse Gas Emissions

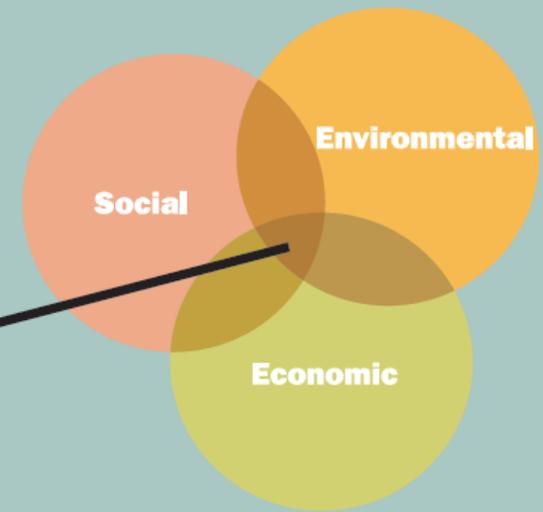


**Economic Sustainability** includes stewardship that yields prudent life-cycle fiscal investments and management of physical assets; and accountability to taxpayers for project costs and delivery schedules. Caltrans promotes Economic Sustainability in the following areas:

- Transportation Asset Management
- Value Analysis
- Life-Cycle Cost Analysis
- System Performance and Preservation
- Innovative Financing
- Relinquishments

# Implementing Sustainability Principles

Achieving stewardship that balances all three areas of sustainability requires **Strategic Innovation** and **Effective Partnerships** with stakeholders.



# Not Sustainable



# Sustainability in Legislation

2002	AB 857	Infrastructure Planning Priorities
2005	AB 32	California Global Warming Solutions Action
2008	SB 375	Sustainable Communities and Climate Change Protection Action
2009	SB 391	California Transportation Plan
2013	SB 743	Transit Oriented Infill Projects

# Secretary Kelly's Transportation Infrastructure Priorities: Preservation, Innovation, Integration



source: <http://ccc-consult.objective.com>

[www.calsta.ca.gov](http://www.calsta.ca.gov)

# Preservation: Fix-It First



# Innovation: Mobility Choice



# Integration: State-Local



# Aligning Budget & Priorities: Active Transportation Program



# Greenhouse Gas Reduction Fund

Category	Department	Program	2014-15
<b>Sustainable Communities and Clean Transportation</b>	High-Speed Rail Authority	High-Speed Rail Project	\$250 m
	State Transit Assistance	Low Carbon Transit Operations Program	\$25 m
	Caltrans	Transit and Intercity Rail Capital Program	\$25 m
	Strategic Growth Council	Affordable Housing and Sustainable Communities Program	\$130 m
	Air Resources Board	Low Carbon Transportation	\$200 m
<b>Energy Efficiency and Clean Energy</b>	Dept. of Community Services and Development	Energy Efficiency Upgrades/Weatherization	\$75 m
	Energy Commission	Energy Efficiency for Public Buildings	\$20 m
	Dept. of Food and Agriculture	Agricultural Energy and Operational Efficiency	\$15 m
<b>Natural Resources and Waste Diversion</b>	Dept. of Fish and Wildlife	Wetlands and Watershed Restoration	\$25 m
	Dept. of Forestry and Fire Protection	Fire Prevention and Urban Forestry Projects	\$42 m
	Cal Recycle	Waste Diversion	\$25 m
<b>TOTAL</b>			<b>\$832 m</b>

# State Smart Transportation Initiative



State  
Smart Transportation  
Initiative

SEARCH

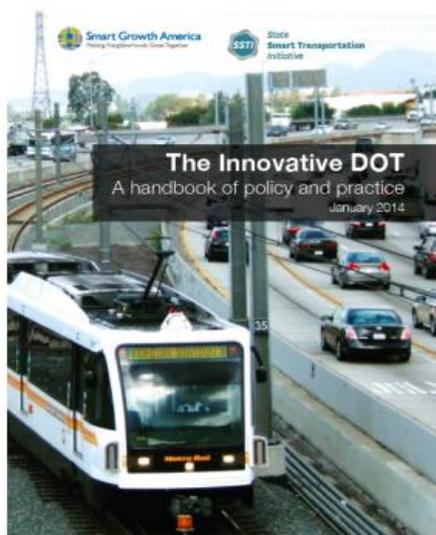
ABOUT SSTI

EVENTS

RESOURCES

NEWS

## The Innovative DOT: A Handbook of Policy and Practice (SSTI & SGA, 2014)



SSTI and Smart Growth America continue working with state departments of transportation and tracking innovative strategies for meeting 21st century transportation needs. The 2014 edition of The Innovative DOT builds upon its predecessor with updated content and fresh new ideas from a growing number of states. [Read More >](#)



### FEATURED RESOURCE

#### VMT Inflection Point: Factors Affecting 21st Century Travel (SSTI, 2013)

For many decades, transportation planning has assumed continued increases in automobile use. Now, in a major reversal, the average American is driving considerably less. No one can

### ANNOUNCEMENTS

Don't miss our next webinar:

[Paradigm Shift: From LOS to VMT](#)

# New Mission, Vision & Goals

The screenshot shows a web browser window displaying the California Department of Transportation (Caltrans) website. The address bar shows the URL <http://www.dot.ca.gov/hq/paffairs/about/mission.htm>. The page title is "Caltrans :: Vision-Mission-G...". The website header includes the "CA.GOV" logo and the text "CALIFORNIA DEPARTMENT OF TRANSPORTATION". A navigation menu contains links for Home, Travel, Business, Engineering, News, Maps, Jobs, About Caltrans, and Contact Us. Below the navigation menu, there are links for Vision - Mission, Departmental Org Chart, Executive Biographies, Events in Caltrans History, and Knowledge Transfer Guide. The main content area features a section titled "MISSION & VISION" with the following text:

**MISSION:** Provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability.

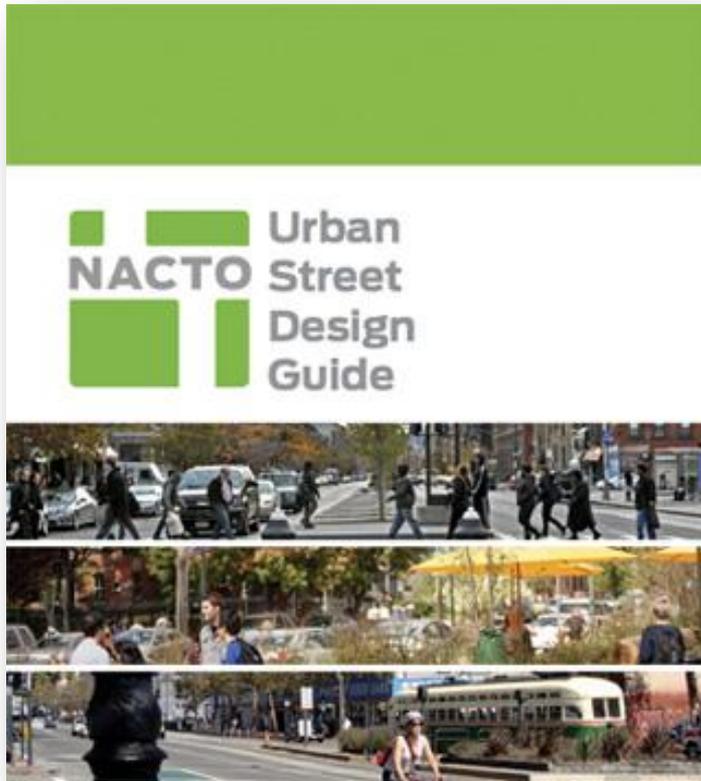
**VISION:** A performance-driven, transparent and accountable organization that values its people, resources and partners, and meets new challenges through leadership, innovation and teamwork.

Below the vision statement, the word "GOALS" is partially visible.

On the left side of the page, there is a sidebar menu with the following items:

- Projects
- Amtrak California
- Caltrans Property for Sale
- Caltrans Local Development Review
- Legal Expert Witness Consultants

# NACTO Endorsement



## Caltrans Director Video Message 4/10/2014

by CaltransVideo • 3 months ago • 859 views

From the American River Bike Trail in Sacramento, Caltrans Director Malcolm Dougherty talks about the Caltrans' efforts to create ...

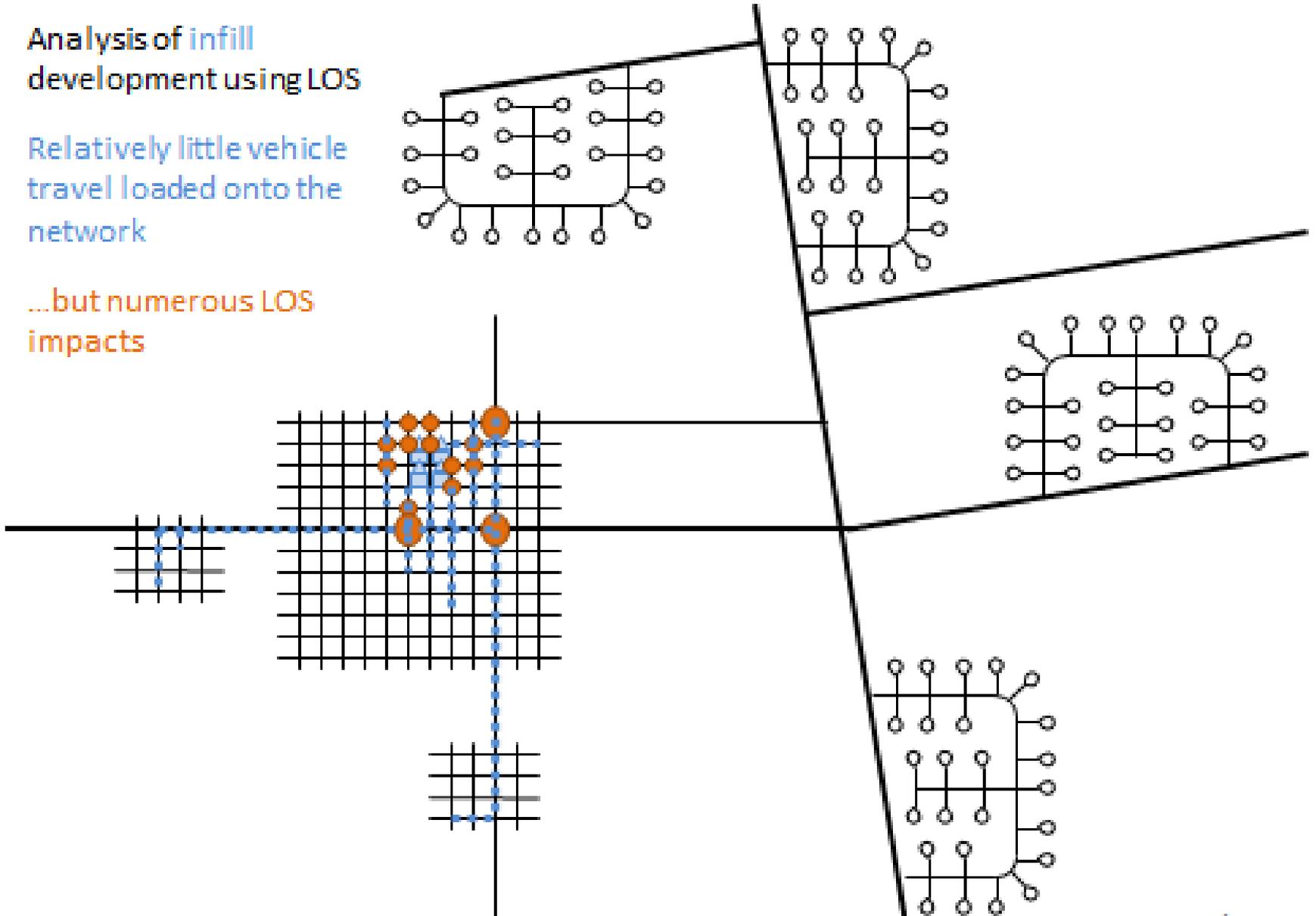
CC

# SB 743: Replacing LOS with VMT

Analysis of infill  
development using LOS

Relatively little vehicle  
travel loaded onto the  
network

...but numerous LOS  
impacts



# Workgroups

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graph TD; SDG[Strategic Direction Group] --- HR[Human Resources]; SDG --- SI[Smart Investments]; SDG --- SP[Strategic Partnerships]; SI --- IF[Innovation Flexibility]; SI --- C[Communication];
```

Strategic Direction Group

Human  
Resources

Smart  
Investments

Strategic  
Partnerships

Innovation  
Flexibility

Communication



Standing in front of the quilt her kids and grand-kids all worked on through the years.



Yes, those marks are where great grand kids got a hold of her cake 😊

