

# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

**Institute for Local Government  
Land Use & Environment Program**

In Partnership with  
The California Department of Transportation  
(Caltrans)

Webinar presented July 7, 2010



FOUNDED 1955

# INSTITUTE FOR LOCAL GOVERNMENT

- **Founded 1955**
- **501(c)(3) research and education arm of:**
  - **League of California Cities**  
(Represents nearly all 480 cities)
  - **California State Association of Counties**  
(Represents all 58 counties)

[www.ca-ilg.org](http://www.ca-ilg.org)





# INSTITUTE FOR LOCAL GOVERNMENT

## **ILG program areas:**

- Land Use and Environment
- Public Service Ethics
- California Climate Action Network
- Public Engagement & Collaborative Governance
- Healthy Communities
- Intergovernmental Conflict Resolution
- Local Government 101
- Communities for Healthy Kids

# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

## AGENDA

- **Steve Sanders**  
*Introduction & overview*
- **Mike McKeever**  
*Sacramento Area Council of Governments*
- **Joe DiStefano**  
*Calthorpe Associates*
- **Panel Discussion**
- **Closing Comments**
- **Update on Planning Grants webinar (2/16/10)  
& what's next from ILG?**

# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

**Quick Poll:**  
*Who's here today?*

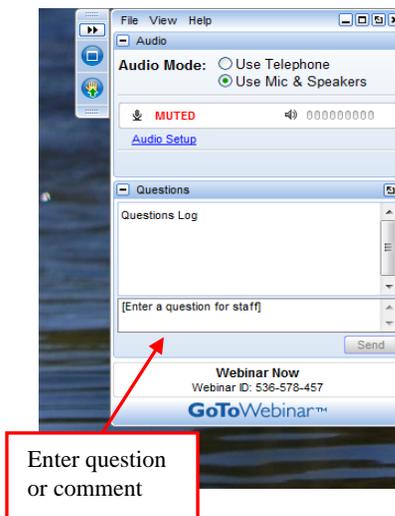
# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

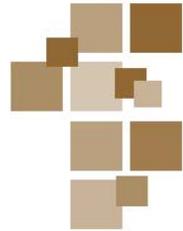
## Submitting Questions or Comments

Open Control Panel Tab



Enter Question or Comment





## **Understanding SB 375:** Public Participation Requirements

### **What You Will Learn Inside:**

- What the Law Requires
- How SB 375 Affects Plans for Transportation and Housing
- Ways Local Officials and the Public Can Participate in Regional Planning
- Tools and Resources to Learn More

 INSTITUTE FOR  
LOCAL GOVERNMENT

LAND USE AND ENVIRONMENT PROGRAM  
PUBLIC ENGAGEMENT AND COLLABORATIVE GOVERNANCE PROGRAM

[www.ca-ilg.org](http://www.ca-ilg.org)



# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

**Mike McKeever**

Executive Director,

Sacramento Area Council of Governments

[www.ca-ilg.org](http://www.ca-ilg.org)

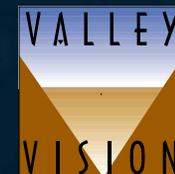


# MAKING SURE YOUR COMMUNITY HAS A VOICE IN YOUR REGION'S PLAN FOR GROWTH

SACRAMENTO REGION

Blueprint  
TRANSPORTATION / LAND USE STUDY

Mike McKeever  
Executive Director  
Sacramento Area Council of Governments



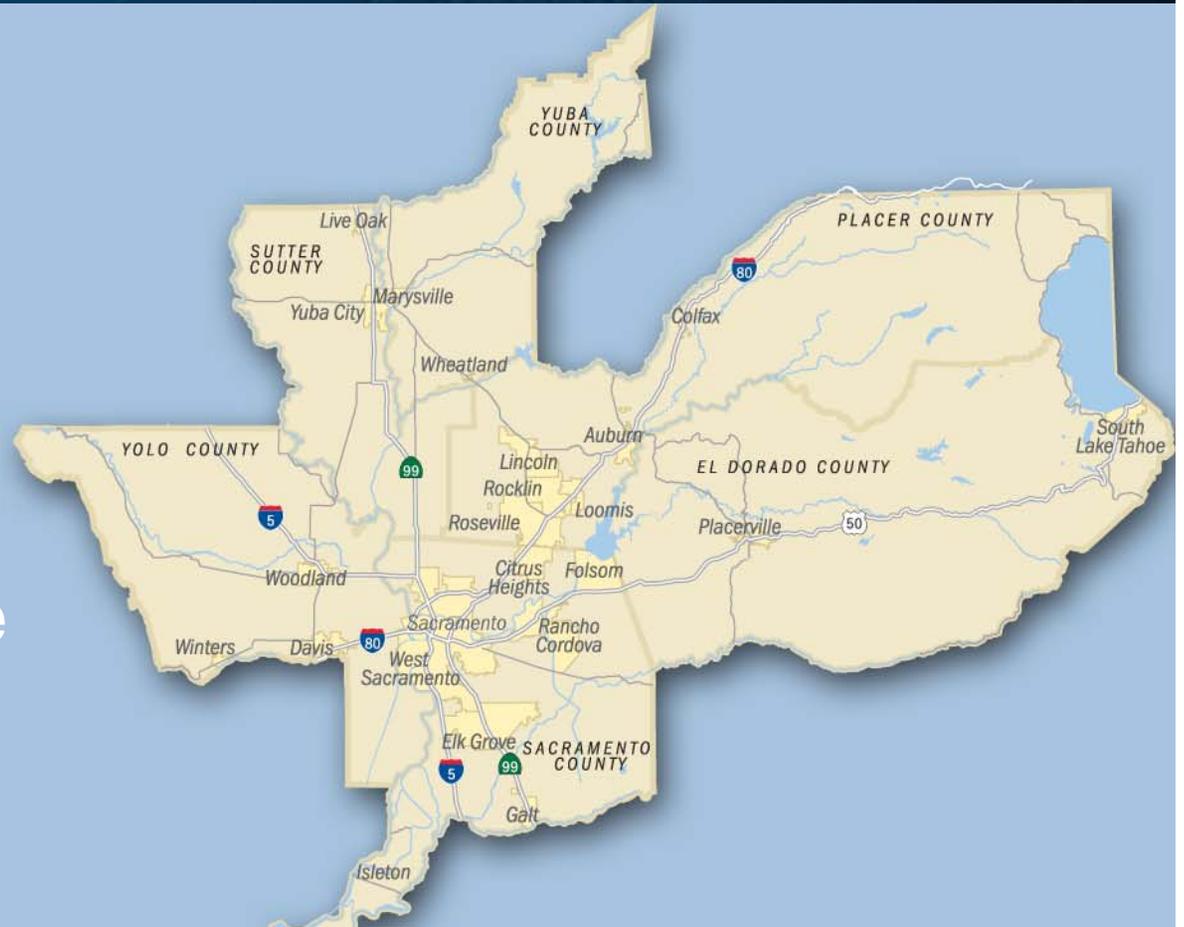
# Sacramento Area Council of Governments

SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION LAND USE STUDY

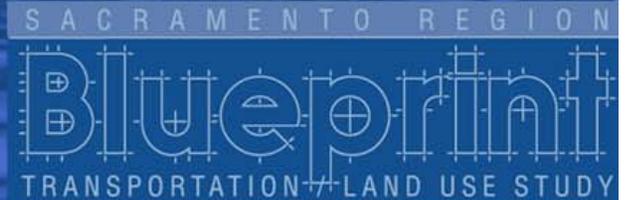
6 counties

22 cities

2.2 million people



# BLUEPRINT PUBLIC PROCESS



- INTERACTIVE CITIZEN WORKSHOPS
  - Neighborhood
  - County
  - Region
- LOCAL GOVERNMENT REGIONAL AND COUNTY PLANNERS COMMITTEES
- REGIONAL ELECTED OFFICIALS FORUM
- SURVEY RESEARCH
  - Housing Preferences
  - Public Opinion

# Citizen Input — Thousands involved, use interactive I-PLACE3S software

SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION + LAND USE STUDY



Sacramento Area Council of Governments • Valley Vision

# Regional Forum 2004 - 1400 people

SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION LAND USE STUDY



# KEYS TO INTERACTIVE WORKSHOPS

SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION LAND USE STUDY

- Broad outreach
  - Stakeholders Committee within sub-areas to lead
  - Broad representation at small group tables
- Civic organization to help
- Small contracts to reach non-traditional audiences
- Results transparent (in meetings and after)

# Elected Officials Summit – Oct. '04

SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION LAND USE STUDY



# MTP 2035 Public Outreach

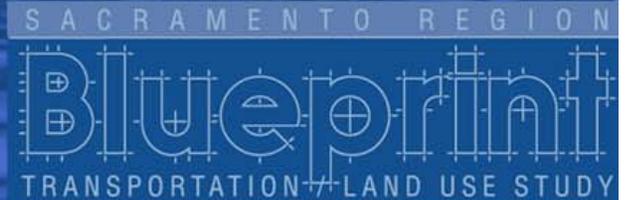
SACRAMENTO REGION  
**Blueprint**  
TRANSPORTATION LAND USE STUDY

- First to integrate Blueprint
- Interactive Workshops
- Individual Counties
- Regional Scale (satellite technology linked 8 workshop sites)
- 8,000 Participants
- Surveys and focus groups



Sacramento Area Council of Governments • Valley Vision

# SB375 PLANNING PROCESS REQUIREMENTS



- 1 Target setting regional workshop
- County Workshops to evaluate alternative scenarios
- Workshops in each county to review draft SCS/APS

# KEY LEARNINGS

- Citizen buy-in/involvement critical
- Not all citizen involvement processes created equal
- Good information essential
- Honest listening essential – can't be selling
- Professionals still have a role
- Create organizational culture of openness

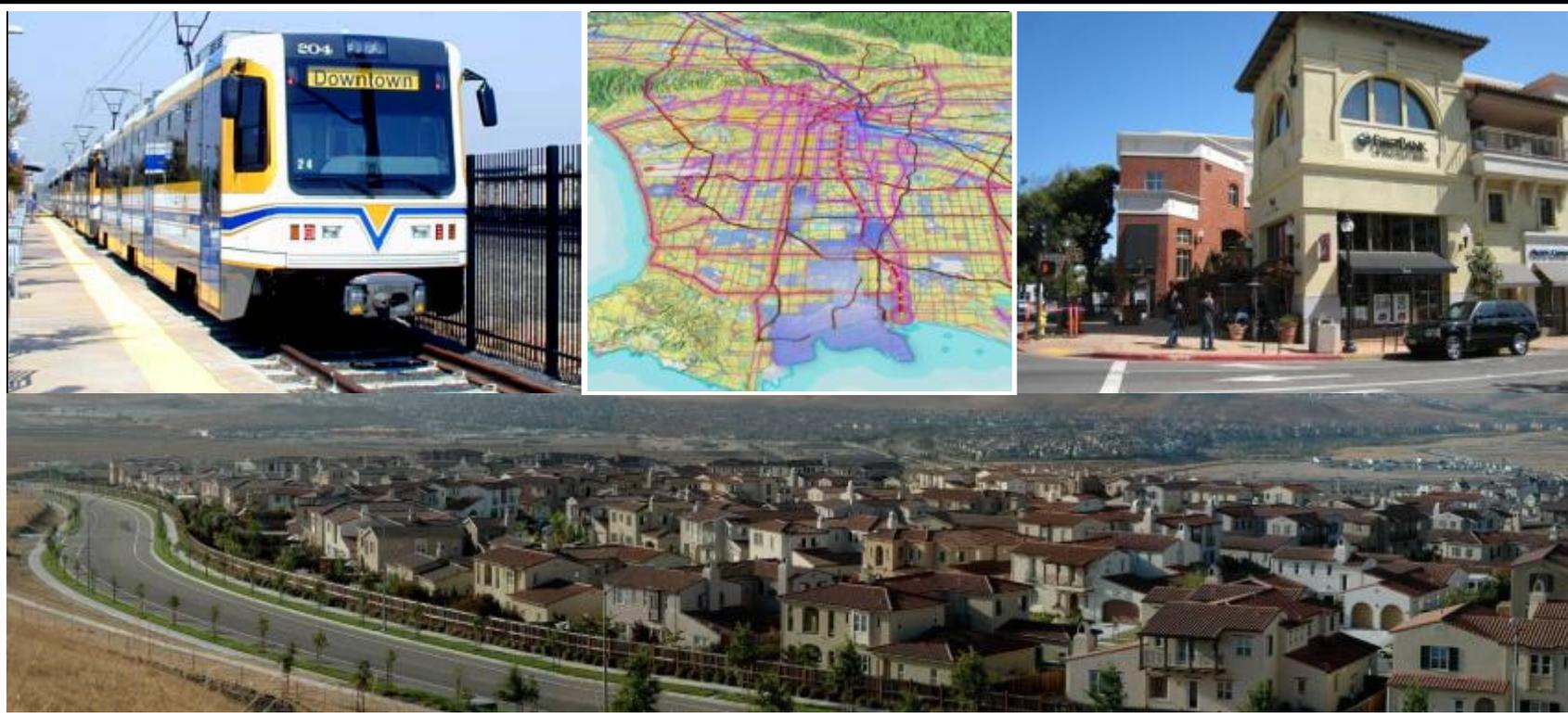
# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

**Joe Distefano**  
Principal,  
Calthorpe Associates

[www.ca-ilg.org](http://www.ca-ilg.org)



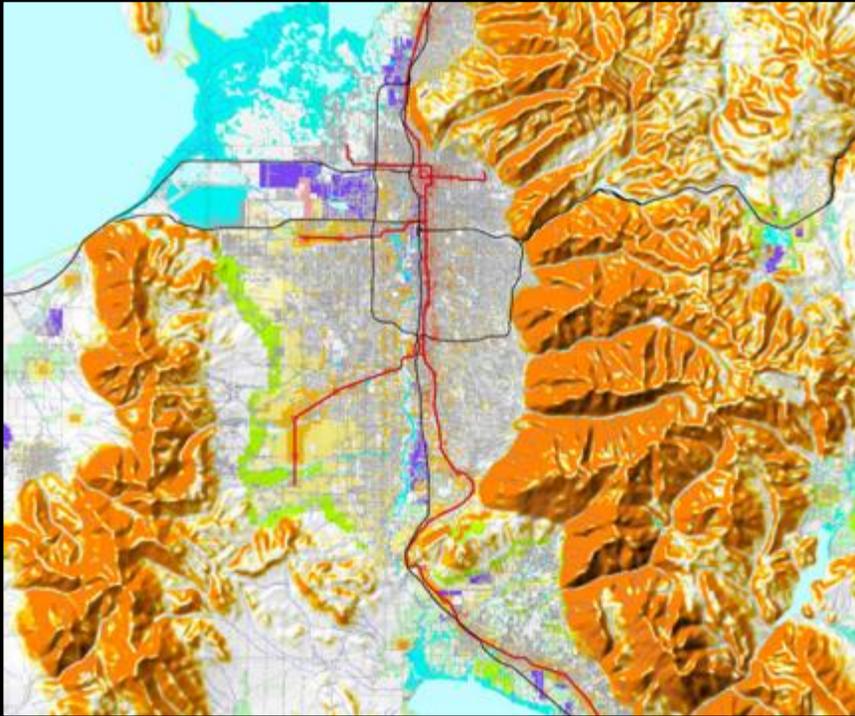
# Regional Planning - Local Perspectives



Webinar: Making Sure Your Community Has A  
Voice in Your Region's Plan for Growth  
July 7, 2010

# Envision Utah

Setting the Stage for Local Action



The Quality Growth Strategy - 1999



# 3 Keys To Success

1. Public Engagement

2. Modeling of Consequences

3. Local Tools and Examples

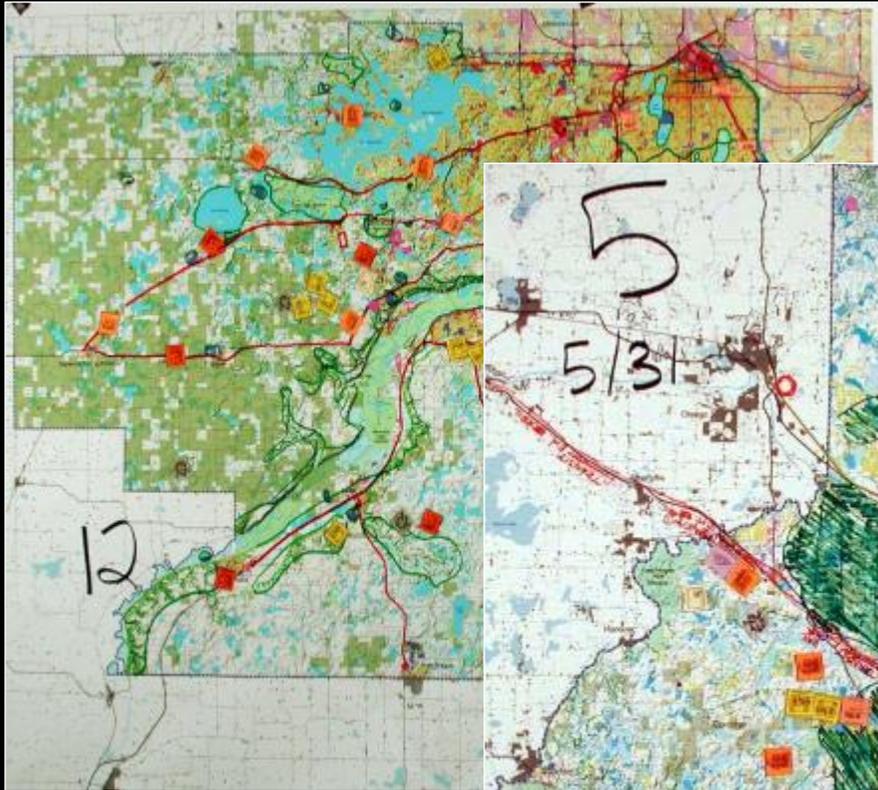
# Public Workshops – Hands-On Engagement



# Public Workshops – Hands-On Engagement

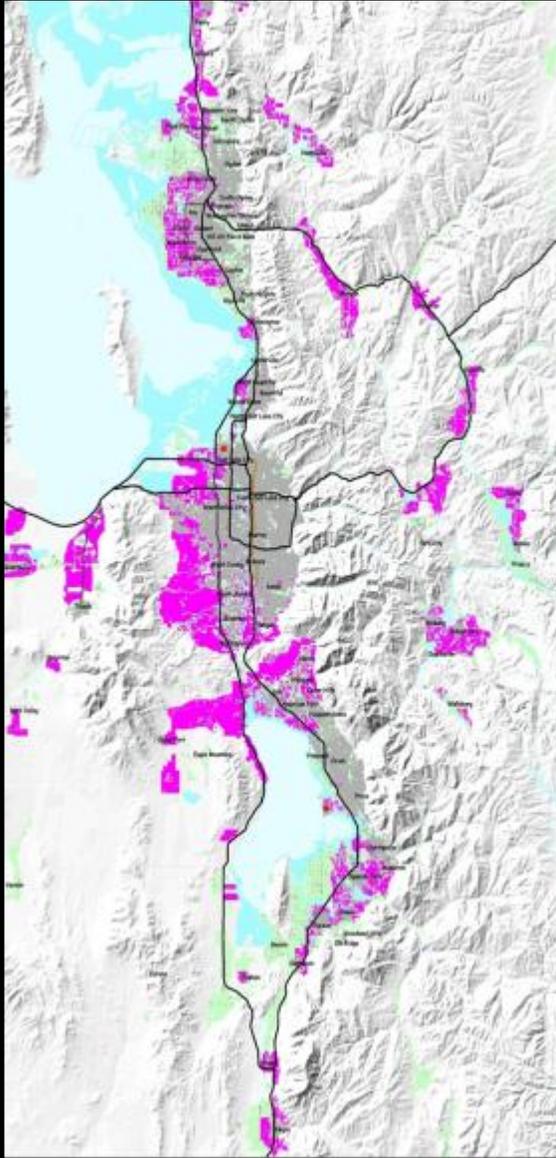


# Public Workshops – Direct Input





# Regional Development Alternatives



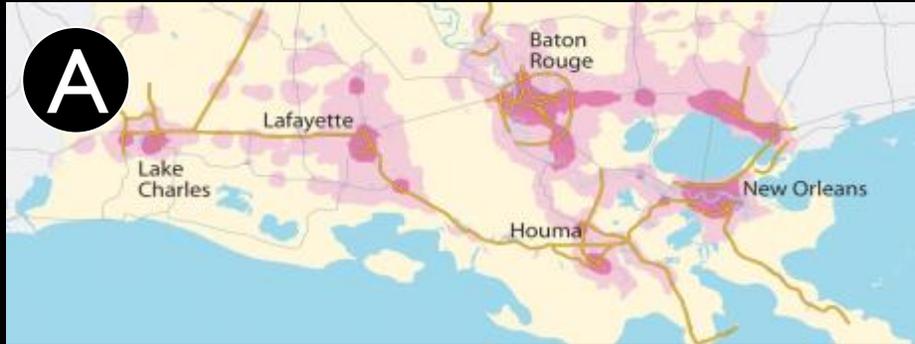
Scenario A



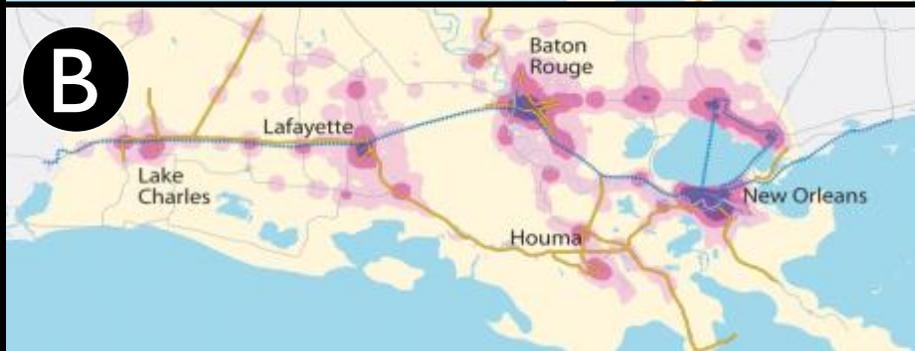
Scenario D

# Regional Development Alternatives

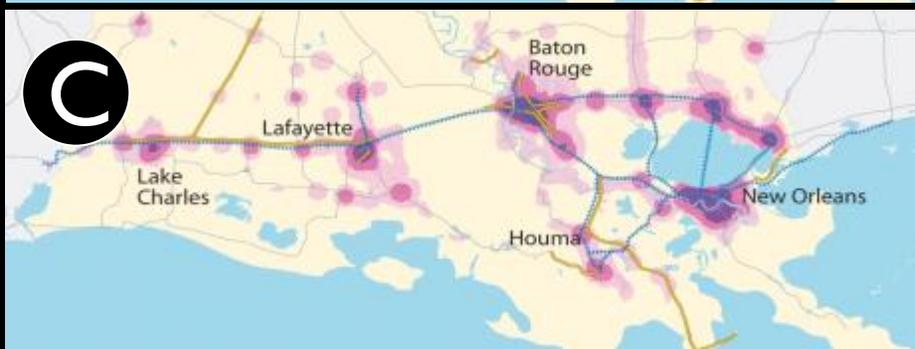
## 3 Growth Options for South Louisiana



Keep Building and  
Developing As We Are  
Roadway Focus

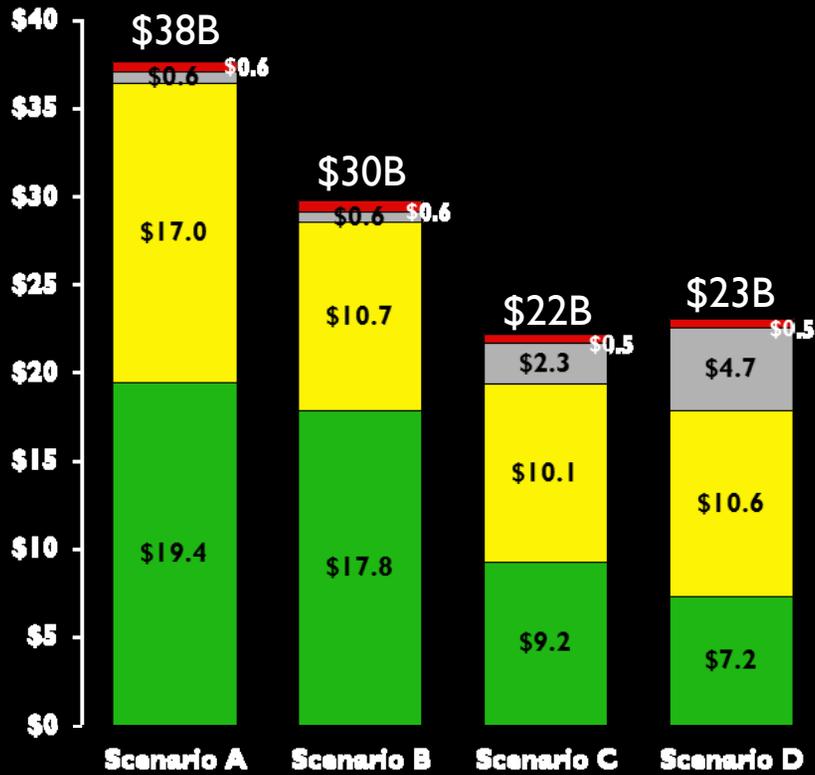


Modify Development  
Patterns  
Transit / Roadway Focus

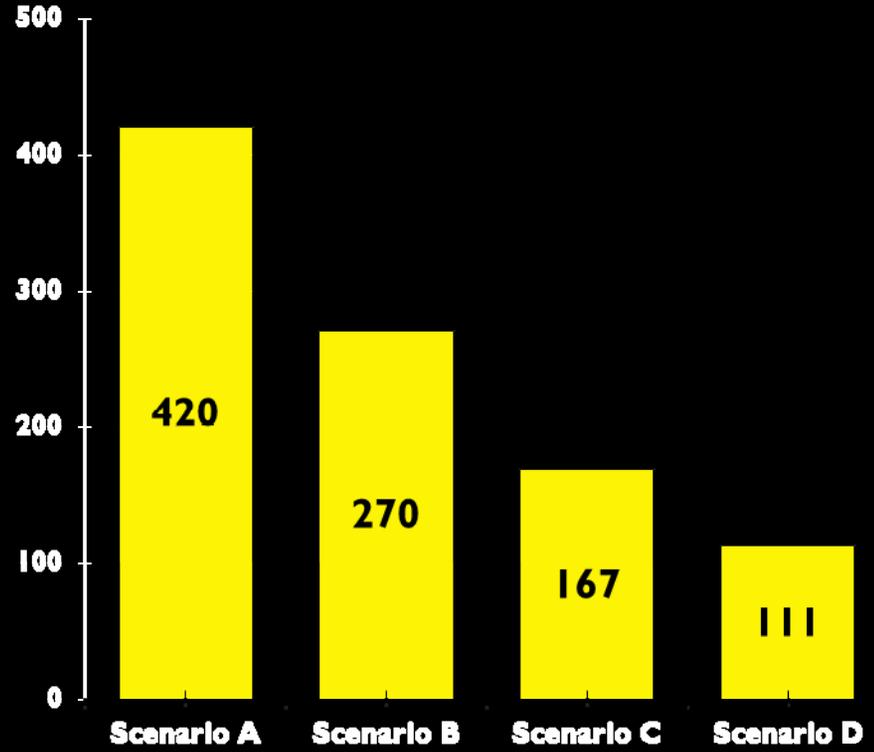


Focus Development on  
Existing Cities & Towns  
Transit Focus

# Scenario Consequences



**Infrastructure Costs**  
(billions of dollars)



**Land Area Added**  
(square miles)

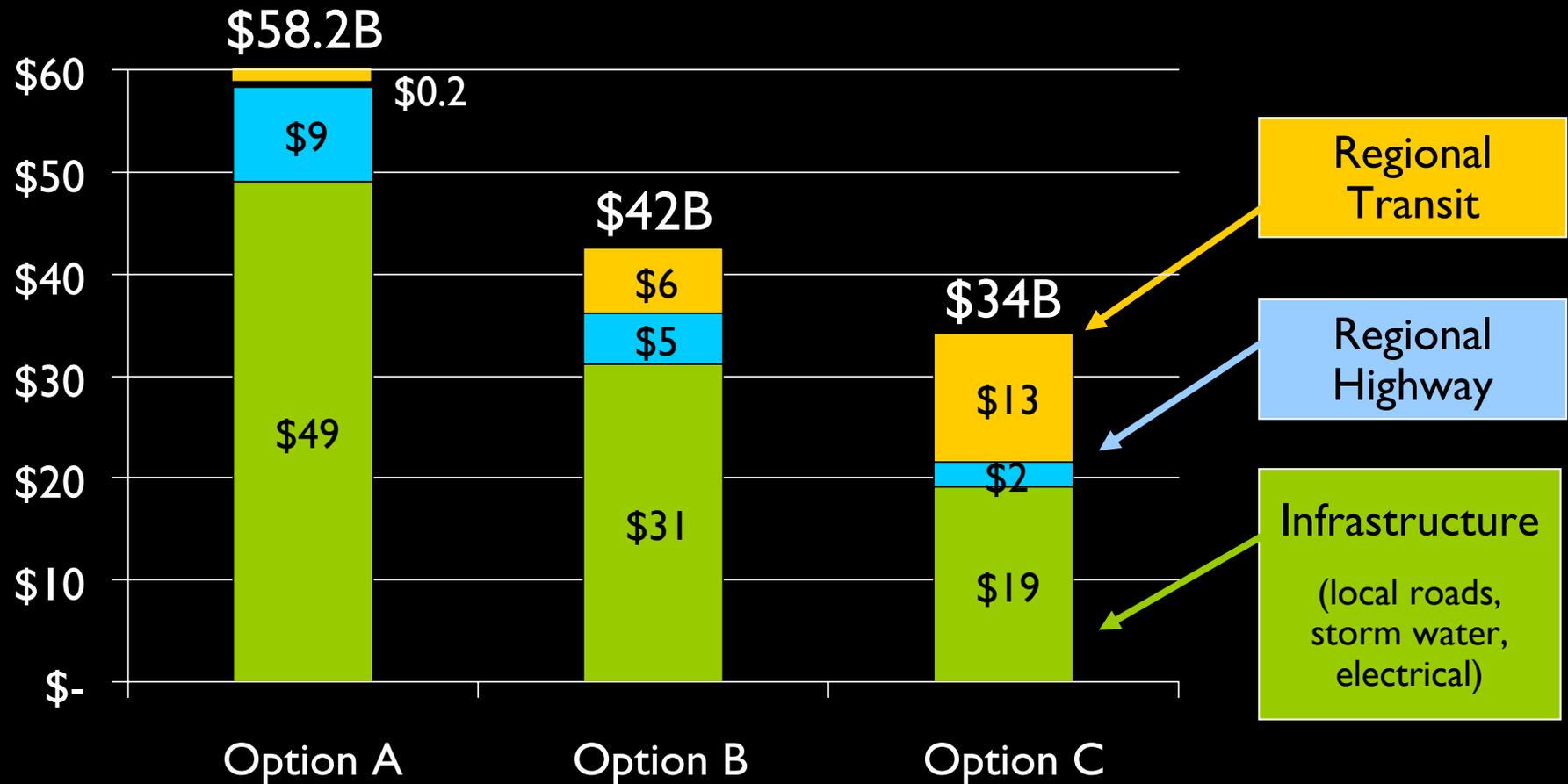
# Scenario Consequences

## New Population Located in Floodplain



# Scenario Consequences

## Total Infrastructure Cost (2005-2050)



Billions of 2007 Dollars

# Choosing a Preferred Alternative



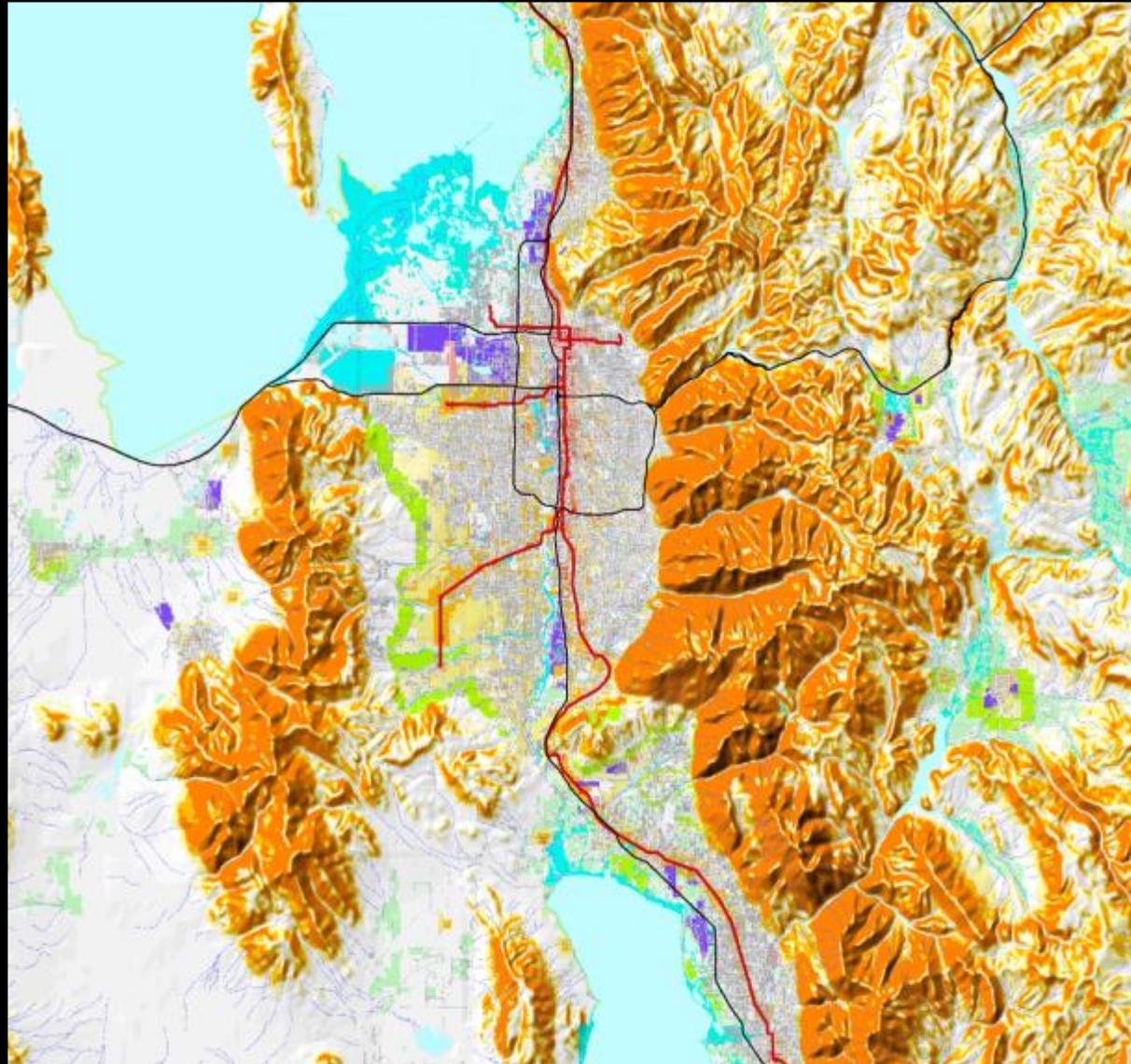
## ➤ Newspaper & Web Survey

- 570,000 surveys distributed along with a newspaper spread describing the Alternatives
- 17,500 surveys returned by mail and website



# Quality Growth Strategy

## Composite Map



# The Louisiana Speaks Regional Vision: Overall Vision

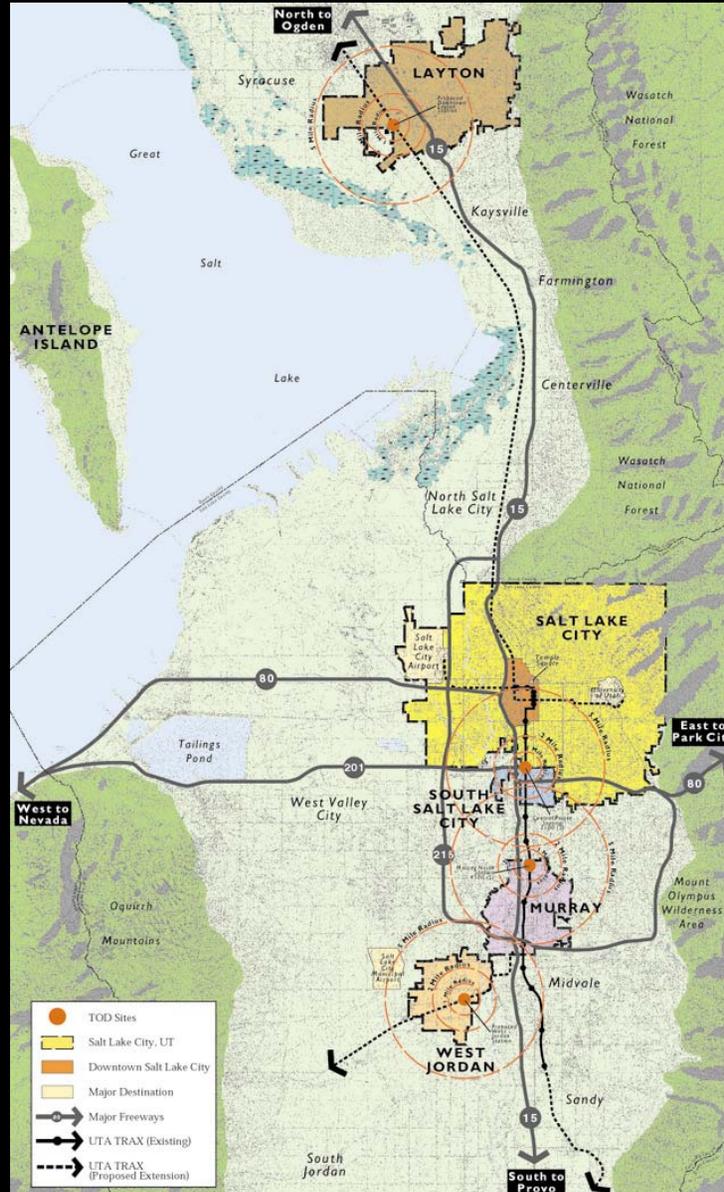


# Planning on the Ground

2100 South



West Jordan



Downtown Layton



4500 South

# TOD Guidelines & Model Code



## WASATCH FRONT TOD GUIDELINES



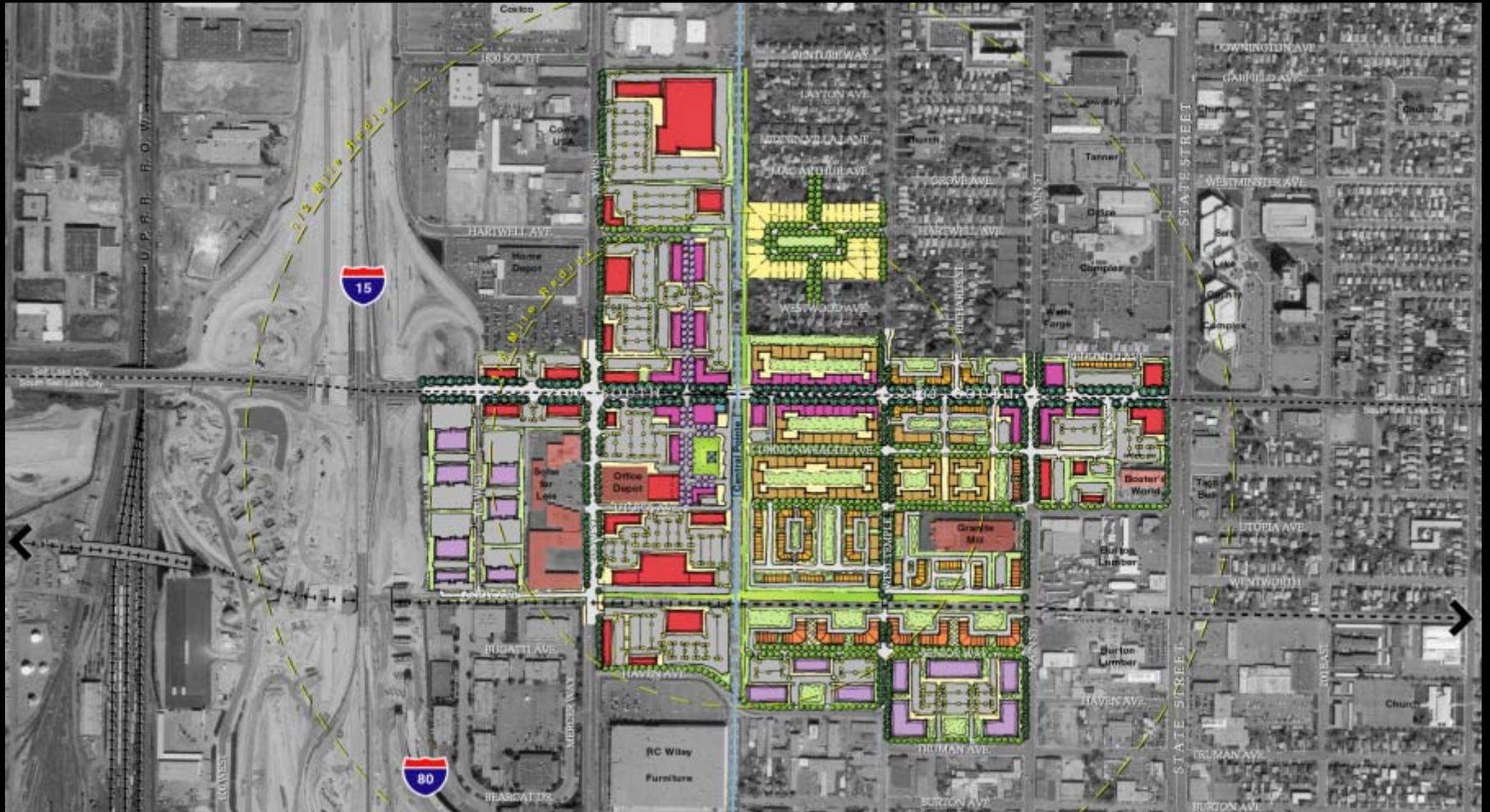
### Envision Utah

Prepared by:  
Callier Associates  
Cooper Roberts Simons Architects  
Burr West  
Fehr and Peers Associates  
Strategic Economics  
May 14, 2002

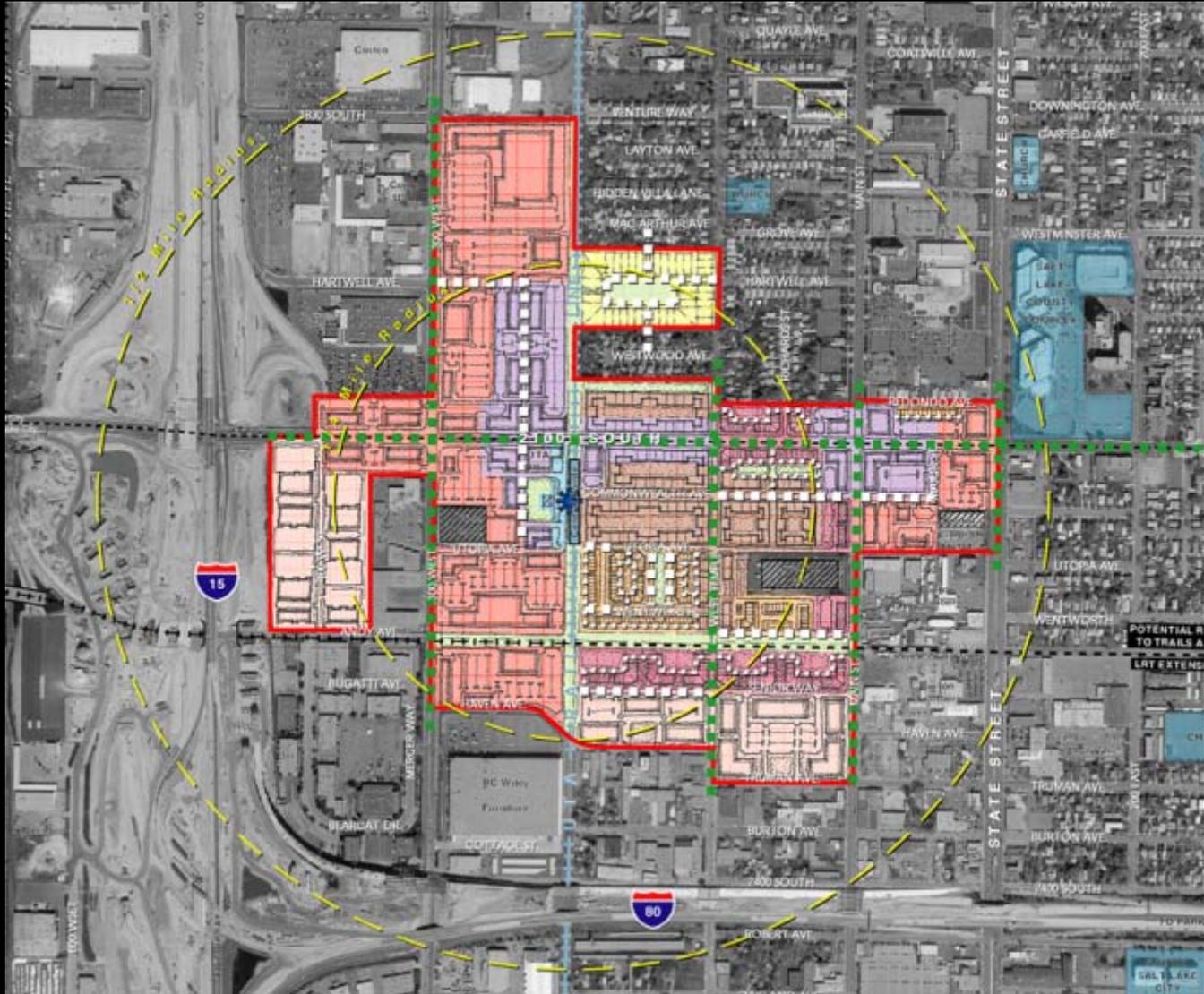
# Local Workshops



# Illustrative Plans



# Regulating Plans and Model Codes

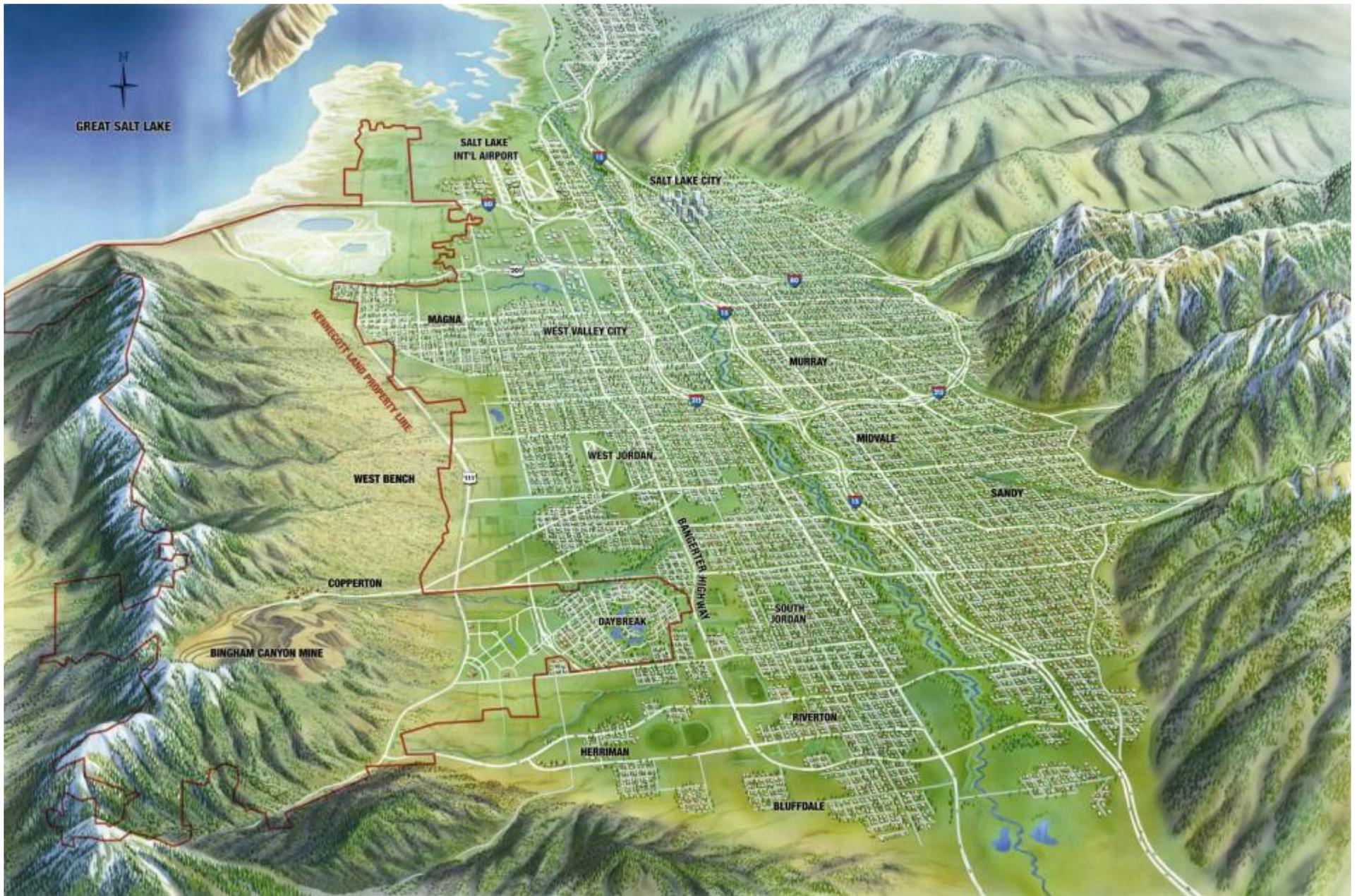


# Before



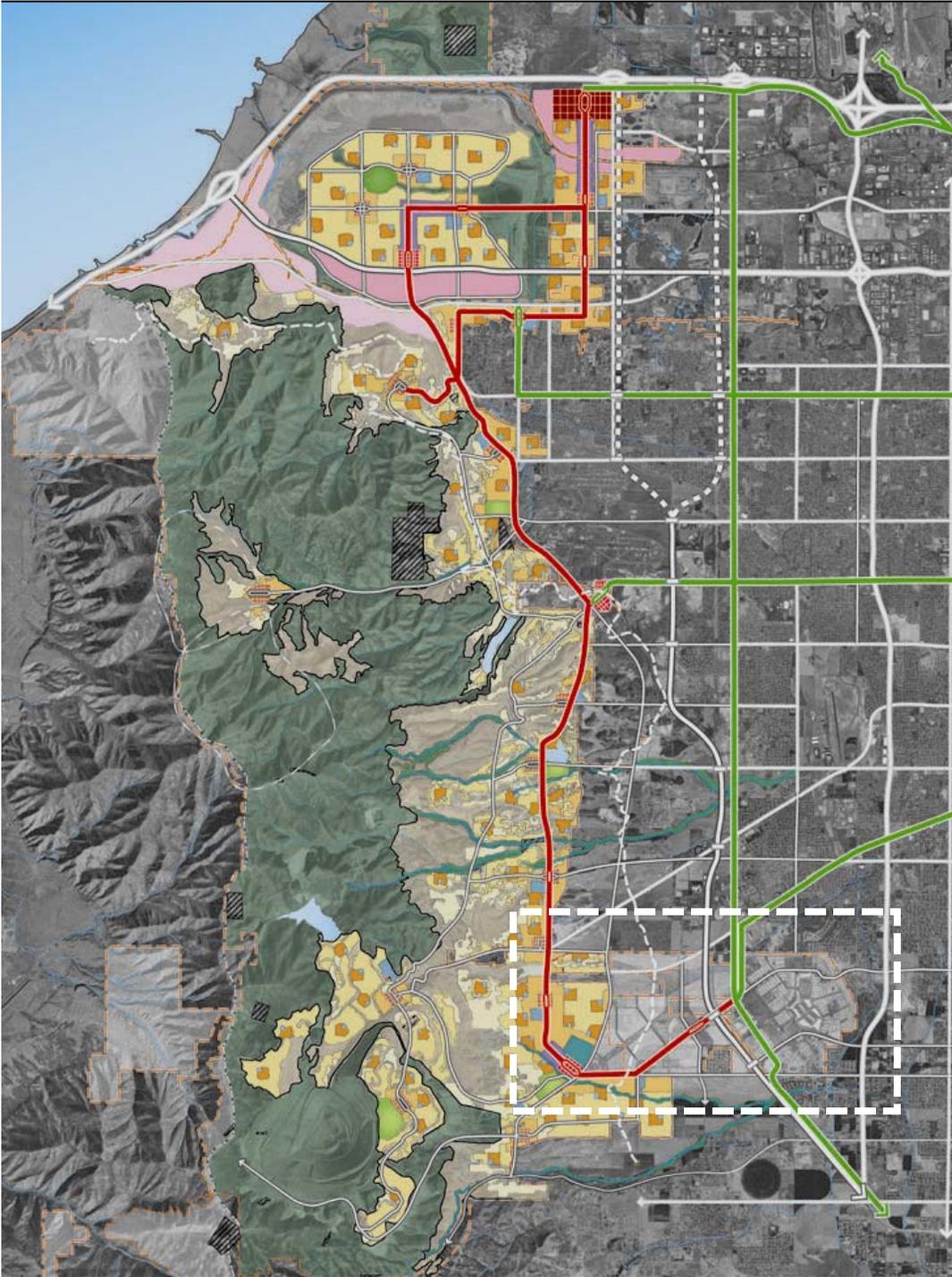
# After

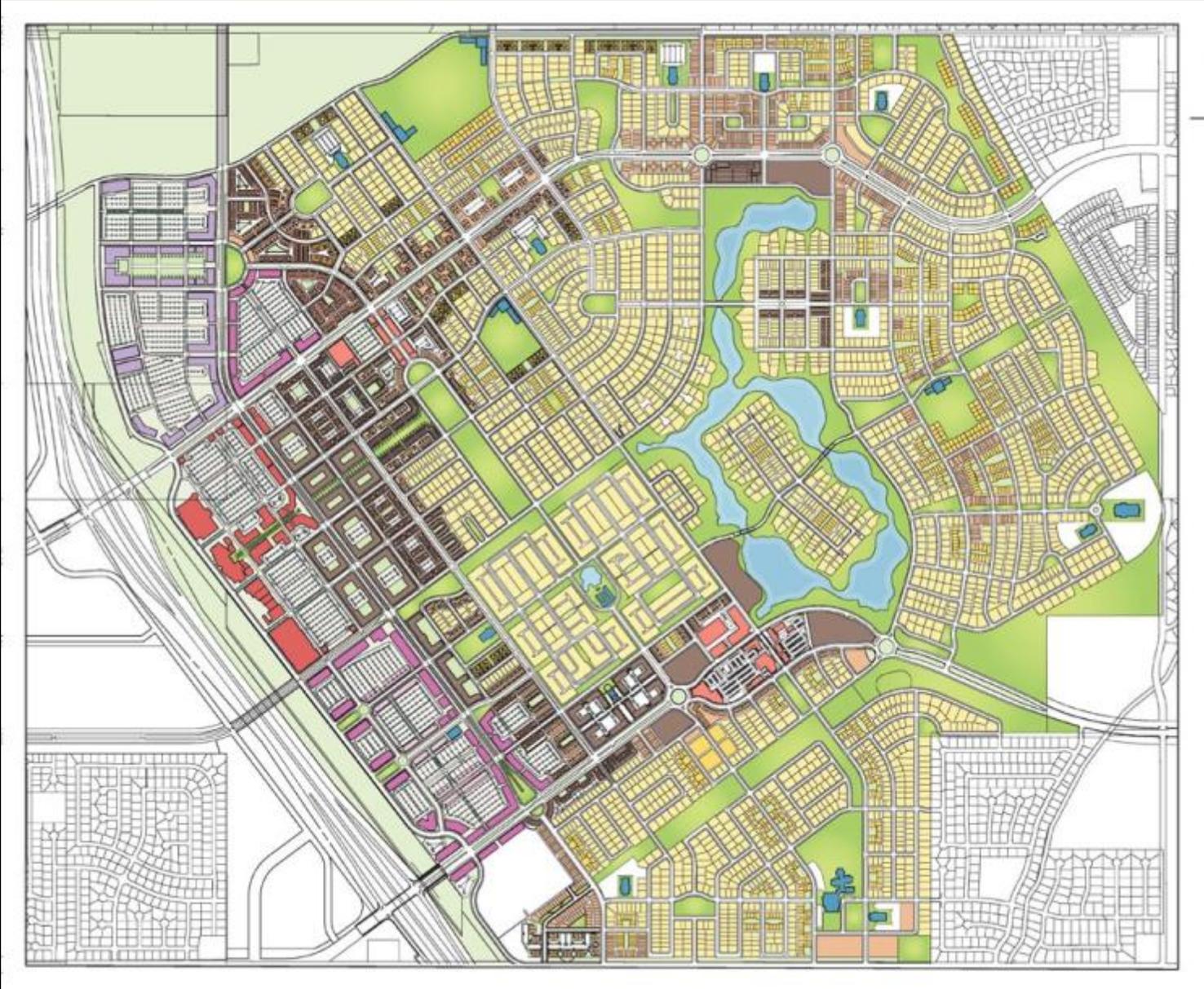




# West Bench Master Plan

# West Bench Master Plan



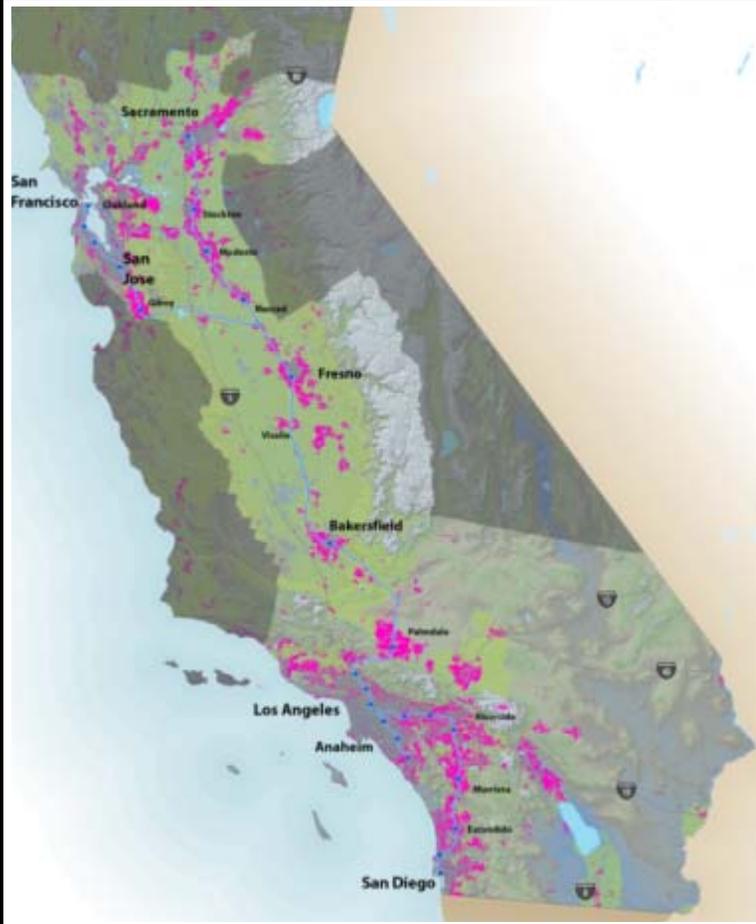




**CALTHORPE ASSOCIATES**  
LEAD ARCHITECTS, P.L.L.C. AND SITE ARCHITECTS

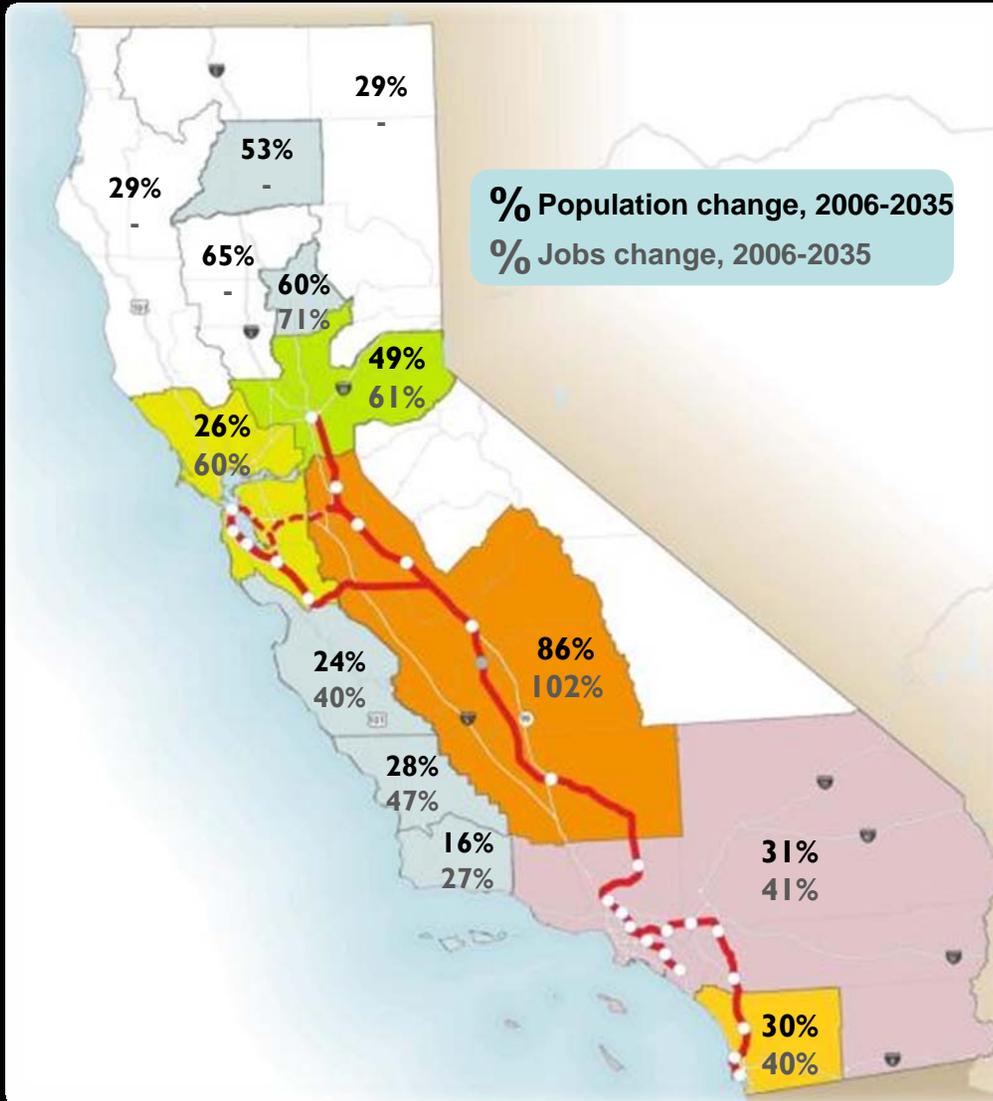


# Vision California



CALIFORNIA  
HIGH-SPEED RAIL  
AUTHORITY

# I. Compile Regional and State-Wide Data



# 2. Develop Powerful Analytical Tools

Scenario Definition & Policy Options Selection

**1 DEFINE SCENARIOS**

Enter values in cells below, or click buttons to restore default scenario definitions.

Load Scenarios Restore Default Scenarios

		Urban	Compact	Spread	CREOSUMS
<b>1. Travel</b>	2005-2020	9%	25%	70%	
	2020-2035	9%	25%	70%	
	2035-2050	9%	25%	70%	
<b>2. Conservative</b>	2005-2020	10%	40%	50%	
	2020-2035	10%	40%	50%	
	2035-2050	10%	40%	50%	
<b>3. Smart</b>	2005-2020	20%	50%	30%	
	2020-2035	20%	50%	30%	
	2035-2050	20%	50%	30%	
<b>4. Ultra Smart</b>	2005-2020	30%	55%	15%	
	2020-2035	30%	55%	15%	
	2035-2050	30%	55%	15%	

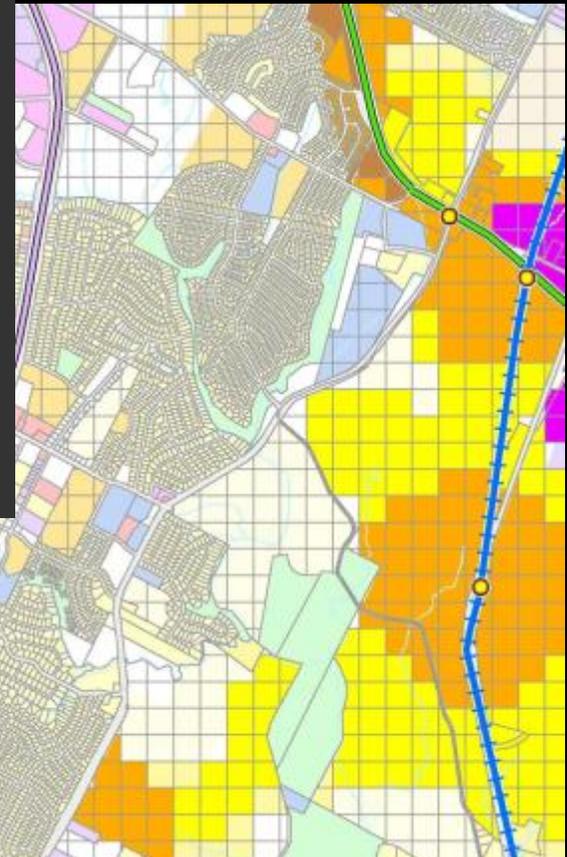
**2 SELECT POLICY GROUP OPTIONS**

Click to load policy group options

		FULL POLICY GROUPS		
		Conservative	Alternative	Aggressive
<b>TRANSPORTATION</b>				
ICE Vehicle efficiency (mpg)	2020	21.4	25.8	34.0
	2025	22	27.5	36.4
	2050	23	33.9	36.7
% Alternative/Electric vehicles	2020	0%	9%	9%
	2025	0%	30%	25%
	2050	0%	30%	30%
Battery Electric Vehicle efficiency (mi/kWh)	2020	3.6	4	4
	2025	4	4.8	5
	2050	4	5	6
Plug-in Hybrid Vehicle efficiency (mi/kWh)	2020	3.3	4	4
	2025	4	4.5	5
	2050	4	5	6
Fuel price (\$/gal)	2020	\$3.04	\$3.04	\$3.04
	2025	\$7.52	\$7.52	\$7.52
	2050	\$10.00	\$10.00	\$10.00
<b>TRANSPORTATION FUEL EMISSION RATES</b>				
Wet-to-Wheels Fuel Emissions (lb CO <sub>2</sub> /gal)	2020	22.21 lbs/gal	22.21 lbs/gal	22.21 lbs/gal
	2025	22.21 lbs/gal	19.90 lbs/gal	18.70 lbs/gal
	2050	22.21 lbs/gal	18.99 lbs/gal	17.02 lbs/gal
Tank-to-Wheels Fuel Emissions	2020	18.87 lbs/gal	18.87 lbs/gal	18.87 lbs/gal
	2025	18.87 lbs/gal	14.28 lbs/gal	11.59 lbs/gal
	2050	18.87 lbs/gal	11.59 lbs/gal	7.93 lbs/gal

**HOUSING UNIT GROWTH BREAKDOWN**

		Single Family Detached			Single Family Attached/Multifamily	
		Single Family Large Lot	Single Family Small Lot	Total Single Detached	Single Family Attached	Total Attached/Multifamily
<b>1. Travel</b>	2005-2020	54%	10%	70%	10%	14%
	2020-2035	54%	10%	70%	10%	14%
	2035-2050	50%	10%	70%	10%	10%
<b>2. Conservative</b>	2005-2020	60%	22%	82%	22%	19%
	2020-2035	60%	22%	80%	22%	19%
	2035-2050	60%	22%	80%	22%	10%
<b>3. Smart</b>	2005-2020	25%	29%	69%	25%	51%



Rapid Fire Model

Map-Based Tool

# Vision California

## VISION CALIFORNIA | CHARTING OUR FUTURE STATEWIDE SCENARIOS REPORT



This report accompanies the California High Speed Rail Authority's public release of the Vision California Rapid Fire modeling tool and a set of state-wide scenarios that measure the impact of varying land use patterns, transportation investments, and policy directions on greenhouse gas emissions, air pollution, water and energy use, land consumption, and infrastructure cost. It provides brief background material on the Vision California project, and describes the Rapid Fire model, scenarios, and results. A detailed description of the Rapid Fire model can be found in the Rapid Fire Model White Paper and Technical Guide<sup>1</sup>. More detailed information about the Vision California project can be found at [visioncalifornia.org](http://visioncalifornia.org) and at [www.cahighspeed.com/vision-california](http://www.cahighspeed.com/vision-california).

### Vision California and Policy Context

Vision California is an unprecedented effort to explore the role of land use and transportation investments in meeting the environmental, local, and public health challenges facing California over the coming decades. Funded by the California High Speed Rail Authority ([cahighspeedrail.ca.gov](http://cahighspeedrail.ca.gov)) in partnership with the California Strategic Growth Council ([www.csgc.ca.gov](http://www.csgc.ca.gov)), the project is producing new scenario development and analysis tools to compare physical growth alternatives. By clearly expressing the consequences of different scenarios, Vision California can inform the policy and programmatic decisions that will drive California's infrastructure investments. The project's tools and results can be used to impact critical state and regional policy decisions, and to inform and sync with improvements to regional (MPO) travel models.

### Vision California will:

- Highlight the unique opportunity presented by California's planned High Speed Rail network in shaping growth and other investments.

- Frame California's development issues in a comprehensive manner, illustrating the role of land use in meeting greenhouse gas (GHG) reduction targets through robust analysis.
- Illustrate the connections between land use and other major challenges, including water and energy use, housing affordability, public health, farmland preservation, infrastructure provision, and economic development.
- Clearly link land use and infrastructure priorities to mandated targets as set forth by AB 32, SB 375, and the California Air Resources Board (CARB).
- Produce scalable tools, for use by state agencies, regions, local governments, and the non-profit community, which can defensibly measure the impacts of land use and transportation investment scenarios.
- Build upon Blueprints and other regional plans to produce statewide growth scenarios that go beyond regional boundaries and assess the combined impact of these plans.
- Connect state and national goals for energy independence, energy efficiency, and green job creation to land use and transportation investments.

Vision California is driven in part by the challenges set forth by the 2006 passage of the California Global Warming Solutions Act (AB 32), which sets aggressive targets for the reduction of greenhouse gas emissions (GHG). The project is designed to provide critical context for the implementation of Senate Bill 375 (SB 375) and land use related GHG reduction targets for local governments, as it will illustrate and comprehensively measure the role of land use and SB 375-mandated regional "Sustainable Communities Strategies" in meeting AB 32 GHG targets.



Rev 06-12-2009

CALTIORPE ASSOCIATES  
CONSULTANTS TO THE CALIFORNIA HIGH SPEED RAIL AUTHORITY

## VISION CALIFORNIA | STATEWIDE SCENARIOS SUMMARY



# Rapid Fire Model

Scenario Definition & Policy Options Selection

### 1 DEFINE SCENARIOS

Enter values in cells below, or click button to restore default scenario definitions.

		Urban	Compact	Sprawl	(CHECKSUM)
<b>1. Trend</b>	2005-2020	5%	25%	70%	
	2020-2035	5%	25%	70%	
	2035-2050	5%	25%	70%	
<b>2. Conservative</b>	2005-2020	10%	40%	50%	
	2020-2035	10%	40%	50%	
	2035-2050	10%	40%	50%	
<b>3. Smart</b>	2005-2020	20%	50%	30%	
	2020-2035	20%	50%	30%	
	2035-2050	20%	50%	30%	
<b>4. Ultra Smart</b>	2005-2020	30%	55%	15%	
	2020-2035	35%	55%	10%	
	2035-2050	35%	55%	10%	

HOUSING UNIT GROWTH BREAKDOWN		Single Family Detached			Single Family Attached/Multifamily		
		Single Family Large Lot	Single Family Small Lot	Total Single Family Detached	Single Family Attached	Urban	Total Attached/Multifamily
<b>1. Trend</b>	2005-2020	54%	16%	70%	16%	14%	30%
	2020-2035	54%	16%	70%	16%	14%	30%
	2035-2050	54%	16%	70%	16%	14%	30%
<b>2. Conservative</b>	2002-2020	40%	21%	61%	21%	19%	40%
	2020-2035	40%	21%	61%	21%	19%	40%
	2035-2050	40%	21%	61%	21%	19%	40%
<b>3. Smart</b>	2005-2020	25%	24%	49%	25%	26%	51%

### 2 SELECT POLICY GROUP OPTIONS

Click to load policy group option

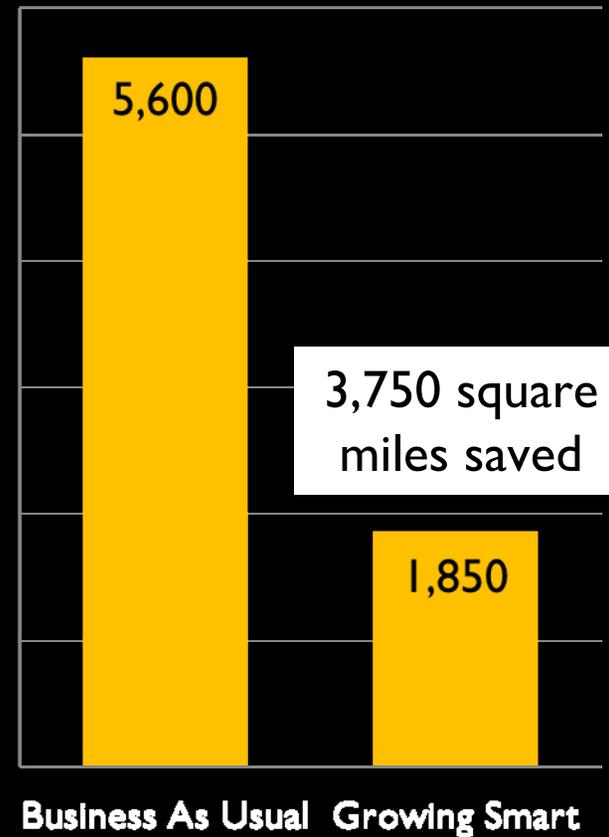
		FULL POLICY GROUPS			AUTO and FUEL TECHNOLOGY	
		A	B	C	A	B
		Conservative	Moderate	Aggressive	Conservative	Moderate
<b>TRANSPORTATION</b>						
ICE Vehicle efficiency (mi/gal)	2020	21.4	25.8	34.6	21.4	25.8
	2035	22	27.5	38.4	22	27.5
	2050	22	32.9	54.7	22	32.9
% Alternative/electric vehicles	2020	0%	5%	5%	0%	5%
	2035	0%	10%	25%	0%	10%
	2050	0%	20%	50%	0%	20%
Battery Electric Vehicle efficiency (mi/kWh)	2020	3.5	4	4	3.5	4
	2035	4	4.5	5	4	4.5
	2050	4	5	6	4	5
Plug-In Hybrid Vehicle efficiency (mi/kWh)	2020	3.5	4	4	3.5	4
	2035	4	4.5	5	4	4.5
	2050	4	5	6	4	5
Fuel price (\$/gal)	2020	\$5.04	\$5.04	\$5.04	\$5.04	\$5.04
	2035	\$7.52	\$7.52	\$7.52	\$7.52	\$7.52
	2050	\$10.00	\$10.00	\$10.00	\$10.00	\$10.00
<b>TRANSPORTATION FUEL EMISSION RATES</b>						
Well-to-Wheels Fuel Emissions (lbs CO <sub>2</sub> e/gal)	2020	22.21 lbs/gal	22.21 lbs/gal	22.21 lbs/gal	22.21 lbs/gal	22.21 lbs/gal
	2035	22.21 lbs/gal	19.56 lbs/gal	16.55 lbs/gal	22.21 lbs/gal	19.56 lbs/gal
	2050	22.21 lbs/gal	16.55 lbs/gal	12.02 lbs/gal	22.21 lbs/gal	16.55 lbs/gal
Tank-to-Wheels Fuel Emissions	2020	16.65 lbs/gal	16.65 lbs/gal	16.65 lbs/gal	16.65 lbs/gal	16.65 lbs/gal
	2035	16.65 lbs/gal	14.28 lbs/gal	11.59 lbs/gal	16.65 lbs/gal	14.28 lbs/gal
	2050	16.65 lbs/gal	11.59 lbs/gal	7.53 lbs/gal	16.65 lbs/gal	11.59 lbs/gal

Ready

# Land Consumed

For New Growth to 2050 (mi<sup>2</sup>)

More land than Delaware and Rhode Island combined



# Infrastructure Cost for New Growth

## For New Growth to 2050

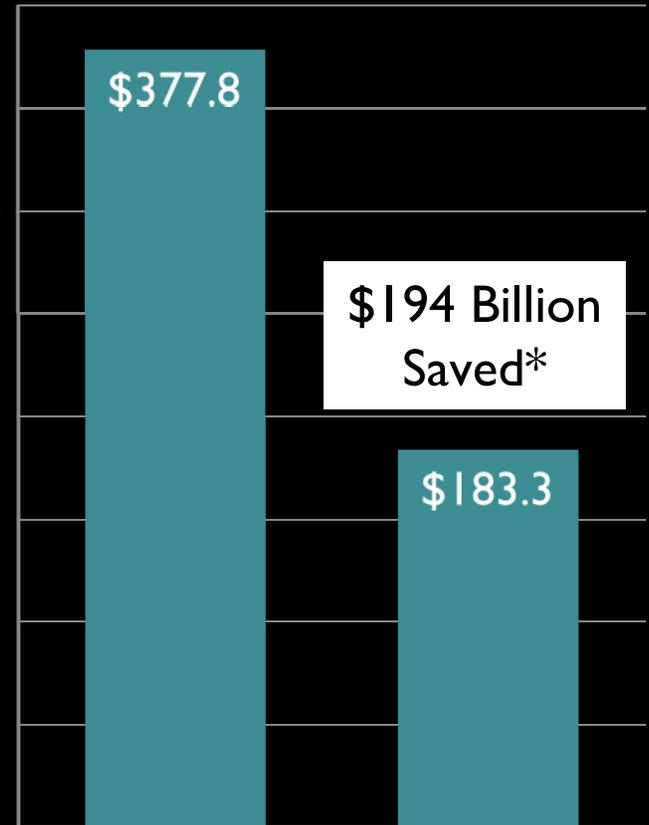
\$24,000 Saved per New Housing Unit : \$4.3 Billion/Year



Flickr: sl-engineer

\*Includes local roads, waste water and sanitary sewer, water supply, and dry utilities

Dollars Billions



Business As Usual Growing Smart

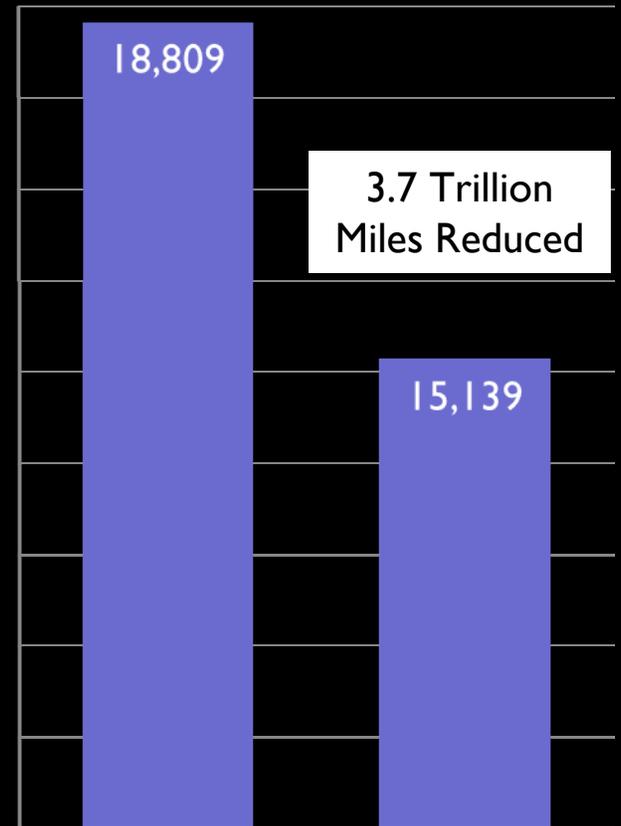
# Vehicle Miles Traveled (VMT) Cumulative to 2050

Equivalent to taking ALL cars off California's roads for 12 years



Flickr: trash-photography

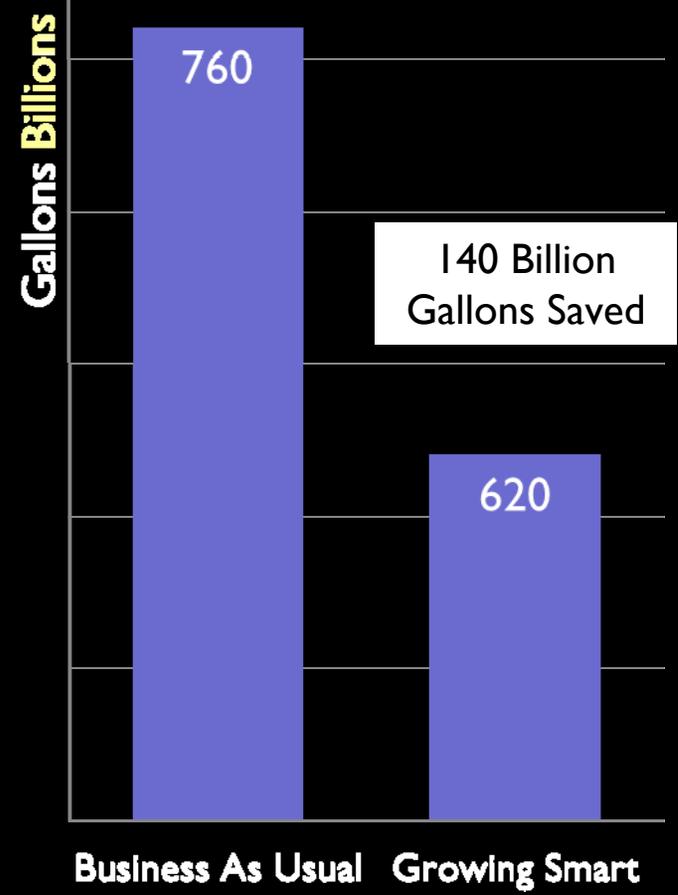
VMT Billions



Business As Usual Growing Smart

# Auto Fuel Consumed Cumulative to 2050

Equivalent to more than 2 years of oil imports to the US



# Auto Fuel Cost

## Cost Per Household in 2050

\$2,600 Annual Savings Per Household in 2050



Business As Usual

Growing Smart

Flickr: TheTruthAbout...

# Building Energy

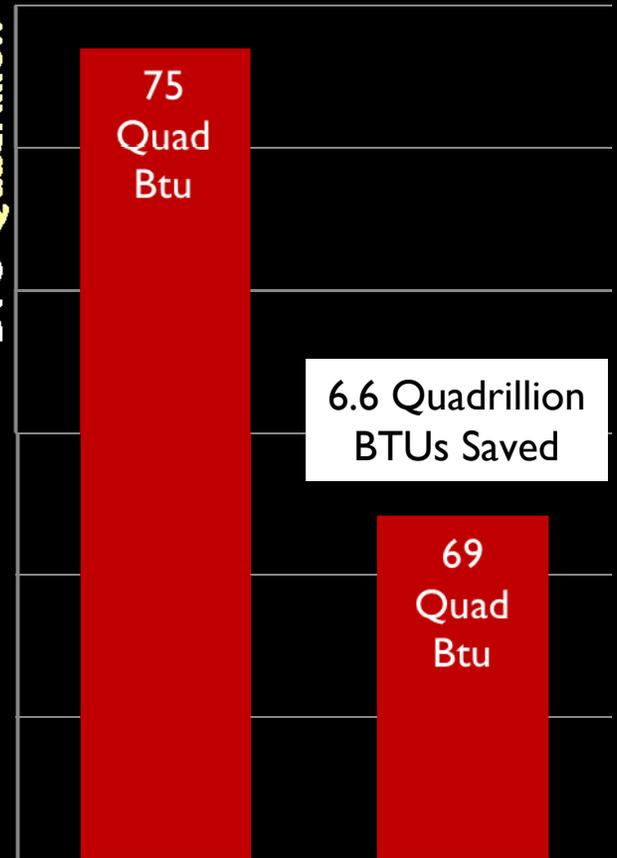
## Cumulative to 2050

Would Power ALL Homes in California for 8 Years



Flickr: arbyreed

BTU Quadrillion



Business As Usual Growing Smart

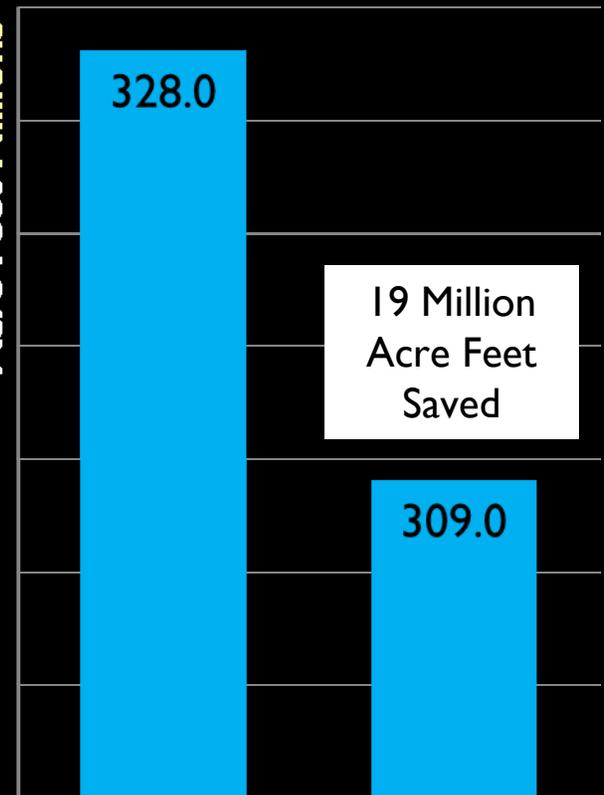
# Residential Water Use

Cumulative to 2050

Water Savings Could Fill Hetch Hetchy 50 Times



Acre Feet Millions



Business As Usual Growing Smart

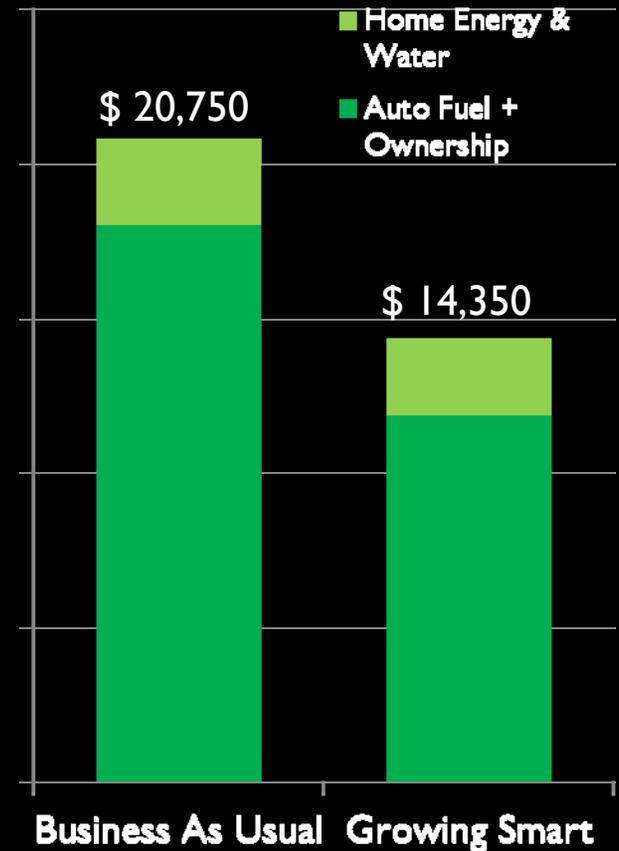
# Annual Household Costs

Per Household Annual in 2050

More than \$6,400 Savings Per Household in 2050



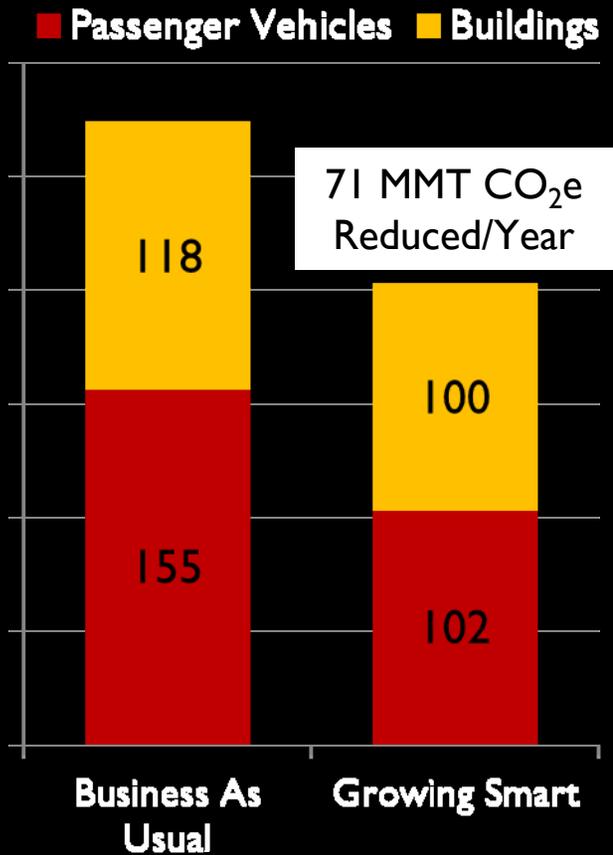
Flickr: Diablo\_Solar



# Greenhouse Gas Emissions

Annual in 2050

Emissions offset by 45,000 square miles of trees in a year.  
A forest covering 1/4 of California.

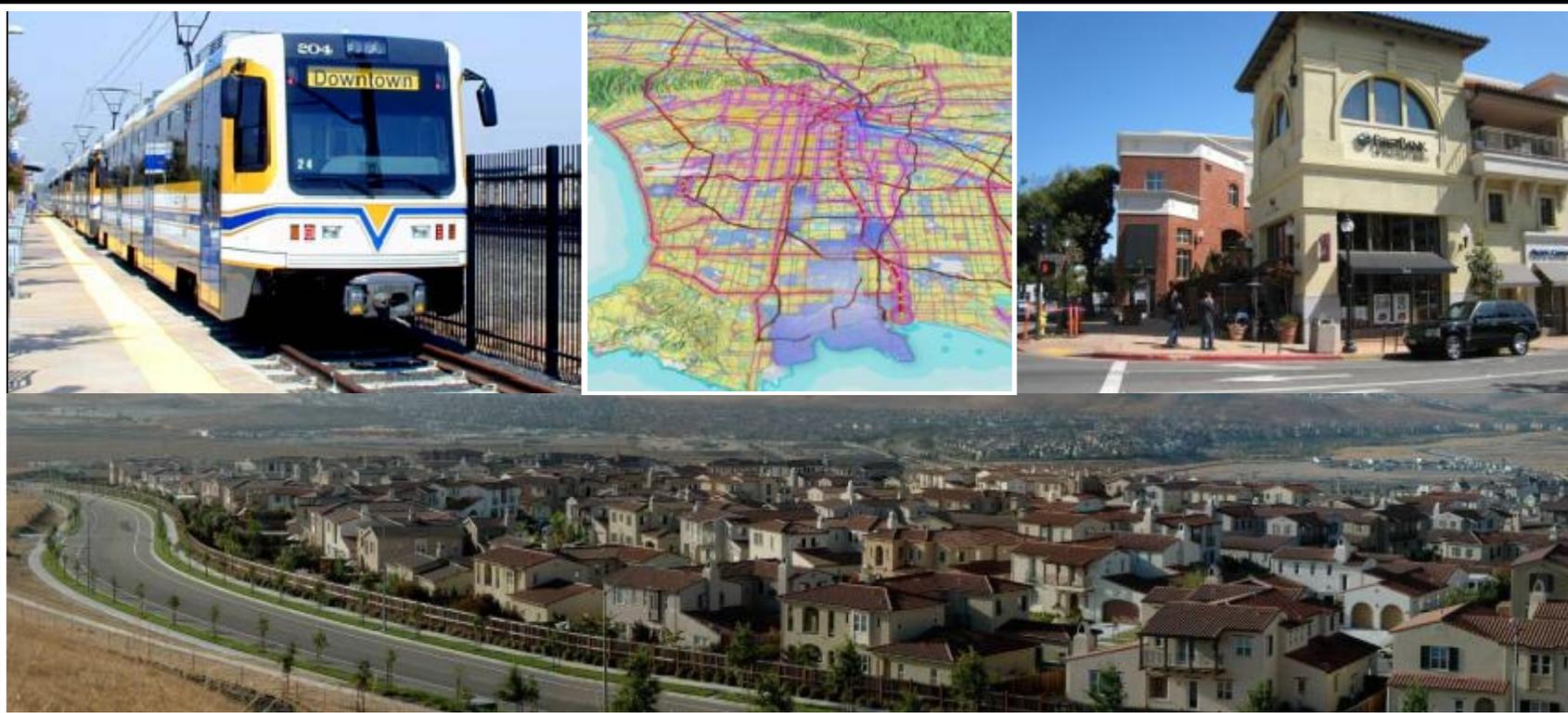


# Envision Bay Area

# Rapid Fire Scenario Exercise



# Regional Planning - Local Perspectives



Webinar: Making Sure Your Community Has A  
Voice in Your Region's Plan for Growth  
July 7, 2010

# Making Sure Your Community Has a Voice in Your Region's Plan for Growth

## Panelist Comments

### Moderator:

- **Steve Sanders**  
Director, Land Use & Environment Program  
Institute for Local Government

### Panelists:

- **Ellen Griffin**  
Public Participation Program Manager,  
Metropolitan Transportation Commission
- **Jody Hall Esser**  
Director of Planning & Development,  
Santa Clara County
- **George Johnson**  
Director, Transportation & Land Management Agency  
Riverside County
- **Tim Snellings**  
Director, Department of Development Services,  
Butte County



# INSTITUTE FOR LOCAL GOVERNMENT

## Update on Planning Grants Webinar

- **Webinar: “*Tools and Resources for Sustainable Community Planning at the Local Level*” (2/16/10)**

Posted on ILG Web site:

[www.ca-ilg.org/RegionalPlanning](http://www.ca-ilg.org/RegionalPlanning)

- **SGC Planning Grants solicitation released**

Applications due August 30, 2010

[www.sgc.ca.gov/planning\\_grants.html](http://www.sgc.ca.gov/planning_grants.html)

[www.ca-ilg.org](http://www.ca-ilg.org)





# INSTITUTE FOR LOCAL GOVERNMENT

## Furthering the Conversation – what’s next from ILG on Regional Planning?

### **Upcoming Publications:**

- Guide to Regional Planning for Transportation  
*(expected publication: early August)*
- Opportunities for Public Participation in Regional Planning  
*(expected publication: Fall 2010)*



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# INSTITUTE FOR LOCAL GOVERNMENT

## Feedback Welcome

**Steve Sanders, Program Director**  
**Land Use & Environment Program**  
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**Ken Loman, Program Manager**  
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