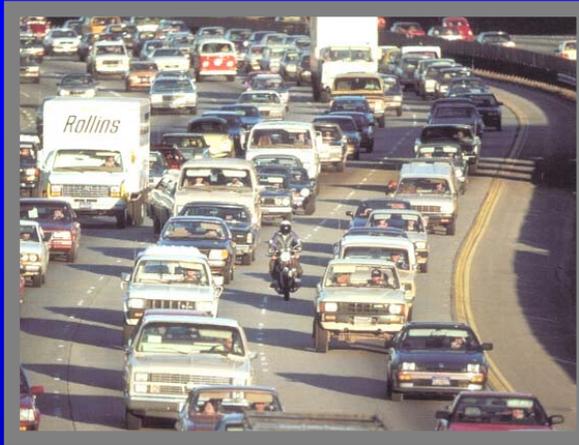


# San Jose Transportation Planning



*General Plan Task Force  
January 28, 2008*

# ***Outline***

- ***Presentation (15 minutes)***
  - ***Current Strategies***
  - ***Policy Context***
  - ***Strategies for the Future***
- ***Discussion/ Q&A (45 minutes)***

# San José Growth History

Population

1.5 M

1.0 M

0.5 M



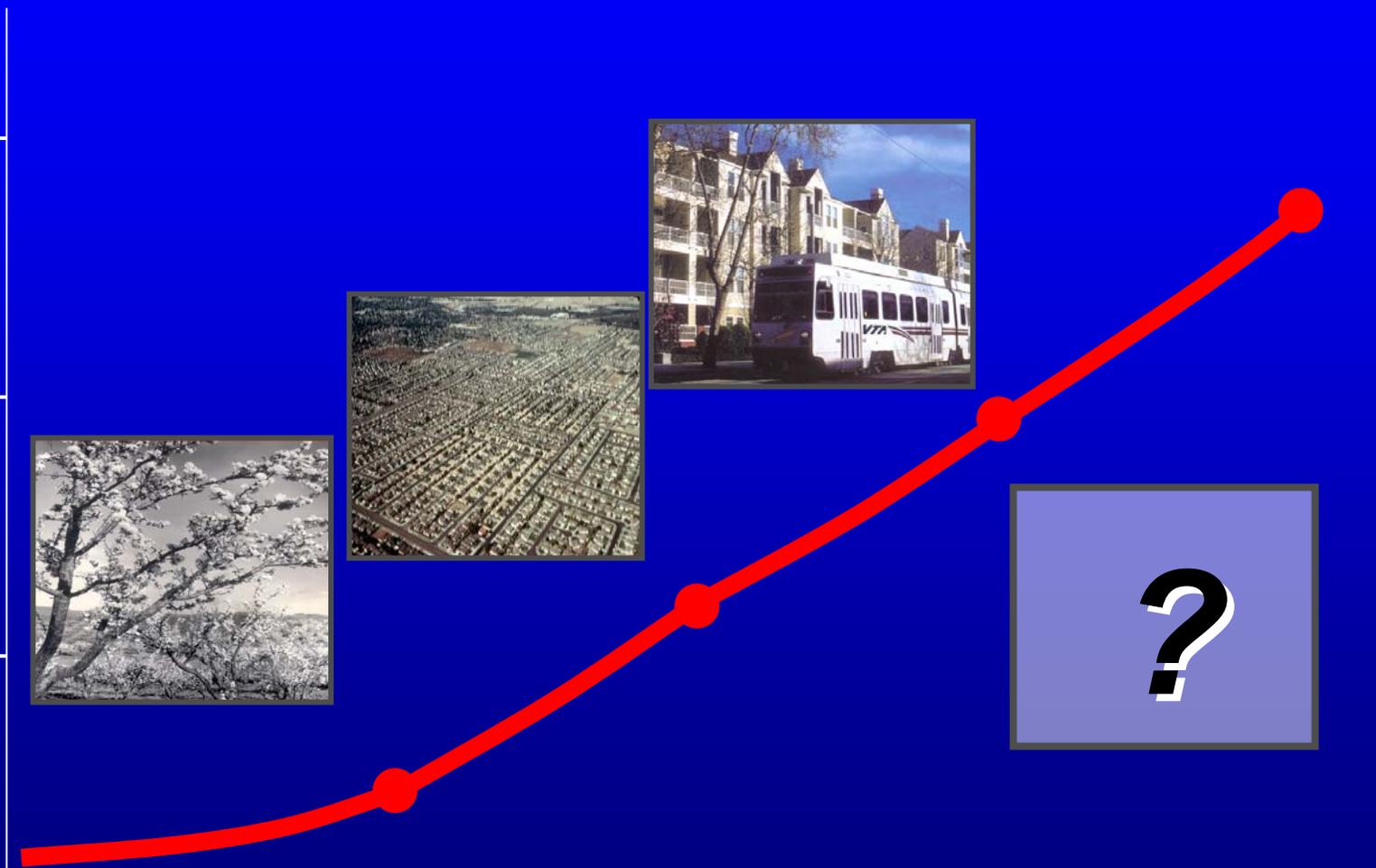
1930

1955

1980

2005

2030



# ***Growth Strategies***

- ***Proactively prepare for new jobs and residents***
- ***Direct growth to:***
  - ***Minimize traffic congestion***
  - ***Maximize economic vitality***
  - ***Enhance quality of life***
  - ***Protect neighborhoods***
  - ***Preserve open space***

# ***Transportation Planning Strategies***

- ***Balance Jobs/Housing; Mix Land Uses***
- ***Focus Development Along Transit Corridors***
- ***Provide Safety, Livability, and Transportation Choices***
- ***Prioritize Investments to Support Economic Development***
- ***Promote Efficient Operations and Preserve Infrastructure Conditions***

# Planned Growth Areas

- **Transit Corridors/  
Neighborhood Business Districts**

  - 15,000 jobs; 20,000 households

- **North San José**

  - 83,000 jobs; 32,000 households

- **Downtown**

  - 30,000 jobs; 10,000 households

- **Berryessa BART**

  - 4,000 households

- **Edenvale**

  - 10,000 jobs; 3,000 households

- **Coyote Valley**

  - 50,000 jobs; 25,000 households  
(20,000 jobs approved)



# ***Valley Transportation Plan 2030***

## ***Planned Investments - \$8.5 Billion***

- ***BART & Transit*** ***\$6.8 B***
- ***Freeways*** ***\$0.8 B***
- ***Expressways/Local Streets*** ***\$0.4 B***
- ***Pavement Maintenance*** ***\$0.3 B***
- ***Bike/Pedestrian Facilities*** ***\$0.2 B***

# Regionally Connected City

## ■ Commuter Rail

- Caltrain, ACE, Amtrak



## ■ BART

- Existing
- Silicon Valley Extension



## ■ Light Rail Transit



## ■ Bus Rapid Transit



## ■ Proposed High Speed Rail



# ***BART Extension***

- ***16 Miles***
- ***6 Stations***
- ***5-Mile Subway Tunnel***
- ***6 Minute Frequency***
  - *San Francisco Line*
  - *Berkeley/ Richmond Line*
- ***Over 100,000 Daily Riders***
- ***\$4.7 Billion Cost; 80% Funded***
- ***Construction Goal: 2009 to 2017***



# California High Speed Rail

- Serves Bay Area / Central Valley / Southern California
- 200+ mph bullet train
- Travel time from San Jose to Los Angeles - 2 hours
- \$40 billion cost
- Proposed \$10 billion State Bond in Nov. 2008



# Transit System

Proposed for Completion by 2020



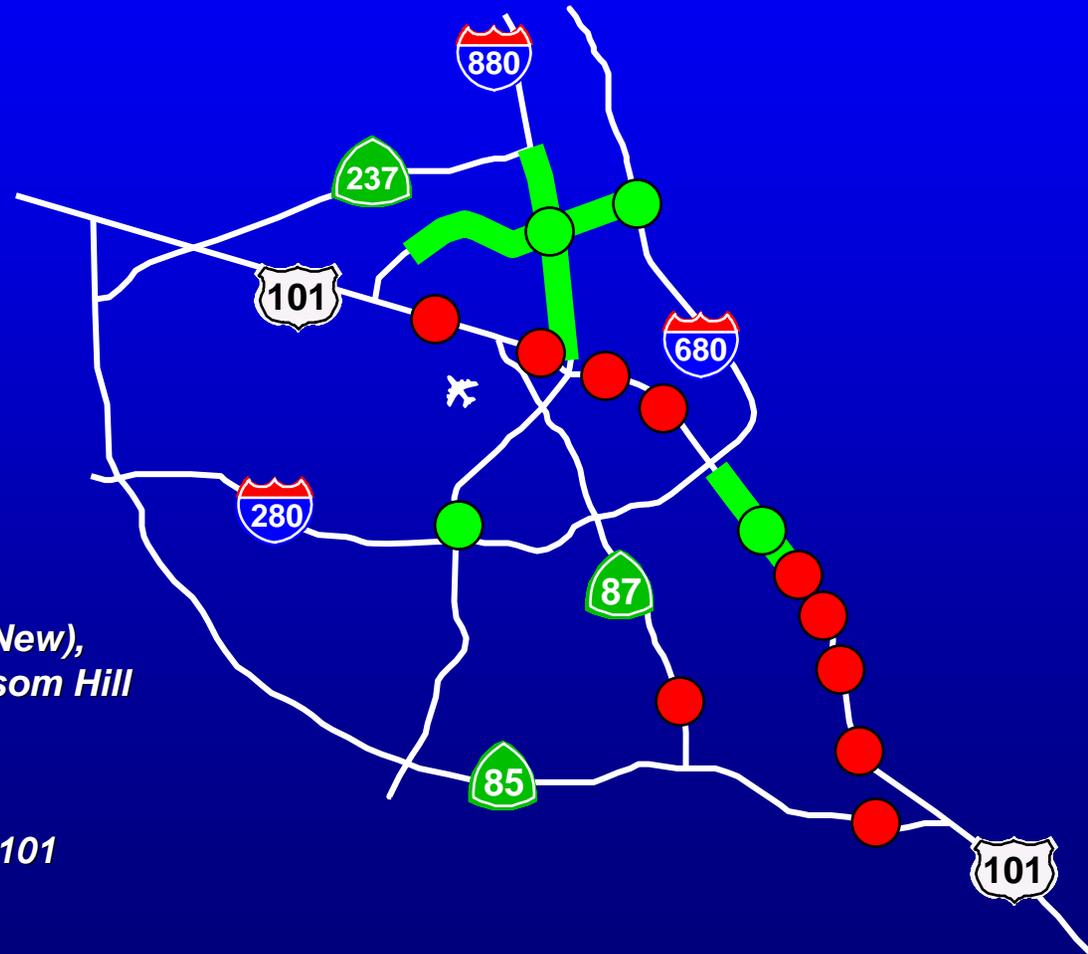
# Freeways and Expressways

## ■ Current Projects (Funded)

- Route 880 HOV Lanes (237 to 101)
- Route 101/ Tully Upgrade
- 280/ 880/ Stevens Creek Upgrade
- Montague Expwy Improvements
- Ramp Metering

## ■ Planned Projects

- Route 101 Interchange Upgrades at Trimble, Zanker, Oakland, Mabury (New), Capitol, Yerba Buena, Hellyer, Blossom Hill
- Route 85/ Cottle
- Route 87/ Capitol
- Toll Lanes on Routes 85 and Route 101



# ***Transportation System Status***

<b><i>Element</i></b>	<b><i>Scope</i></b>	<b><i>% Complete</i></b>
<b><i>Freeways/ Expressways</i></b>	<b><i>95 miles</i></b>	<b><i>95%</i></b>
<b><i>Carpool Lanes</i></b>	<b><i>60 miles</i></b>	<b><i>96%</i></b>
<b><i>Local Arterials</i></b>	<b><i>450 miles</i></b>	<b><i>98%</i></b>
<b><i>Bikeways and Trails</i></b>	<b><i>300 miles</i></b>	<b><i>57%</i></b>
<b><i>Rapid Transit</i></b>	<b><i>Varies</i></b>	<b><i>41%</i></b>
<b><i>Pedestrian Corridors</i></b>	<b><i>75 miles</i></b>	<b><i>26%</i></b>

# ***Proposed Development Example***

## ***Light Rail Corridor - Before***



# *Proposed Development Example*

## *Light Rail Corridor - After*



# *Proposed Development Example*

## *Strip Shopping Center - Before*



# ***Proposed Development Example Strip Shopping Center - After***



# *Proposed Development Example*

## *Transit Corridor - Before*



# *Proposed Development Example*

## *Transit Corridor - After*



# ***Transportation Policy Context - Regional***

## ■ ***Federal***

- ***New Transportation Bill Due in 2009***

## ■ ***State***

- ***\$160 Billion Transportation Need***
- ***Prop 1B, \$19.9 Billion***
- ***California High Speed Rail***

## ■ ***Bay Area/ MTC***

- ***Priority for Transit; Livable Communities; System Maintenance; Environment***
- ***MTC/ ABAG Partnership on Land Use (Priority Development Areas)***

## ■ ***County/ VTA***

- ***2000 Measure A; \$5 billion for transit***
- ***Community Design and Transportation Best Practices***



# Transportation Policy Context - San Jose

## ■ General Plan

- Arterials/ Collectors;  
Rail Transit, Bicycle Network;  
Pedestrian Corridors

## ■ Transportation Impact/ Level of Service

- Downtown (Exempt)
- Area Development  
Policies (Custom Approach)
- Transit Corridors/ NBD's/  
Specific Plan Areas  
(LOS Override at 24  
"Protected Intersections")
- Rest of City  
(Traffic Level of Service "D")



# ***Current State of the Transportation System***

<b><i>“Our Strengths”</i></b>	<b><i>“Areas for Improvement”</i></b>
<ul style="list-style-type: none"><li>■ <b><i>Comprehensive Highway System</i></b></li><li>■ <b><i>Good Safety Record</i></b></li><li>■ <b><i>Progressive Policies/ Plans for Smart Growth and Transportation Choices</i></b></li><li>■ <b><i>Local Investments</i></b><ul style="list-style-type: none"><li>- <i>Measure A</i></li><li>- <i>Development Contributions</i></li><li>- <i>Redevelopment</i></li></ul></li><li>■ <b><i>Engaged Community</i></b></li></ul>	<ul style="list-style-type: none"><li>■ <b><i>Land Use Balance</i></b></li><li>■ <b><i>Transit Use</i></b></li><li>■ <b><i>Walking and Biking</i></b></li><li>■ <b><i>Infrastructure Condition</i></b></li><li>■ <b><i>Aesthetics</i></b></li></ul>

# ***General Plan Strategies for the Future***

***“Enhancing What We’ve Started” and “Considering New Approaches”***

## ***Land Use***

- 1. Mix and Balance Land Uses***
- 2. Concentrate Development Along Transit Corridors***

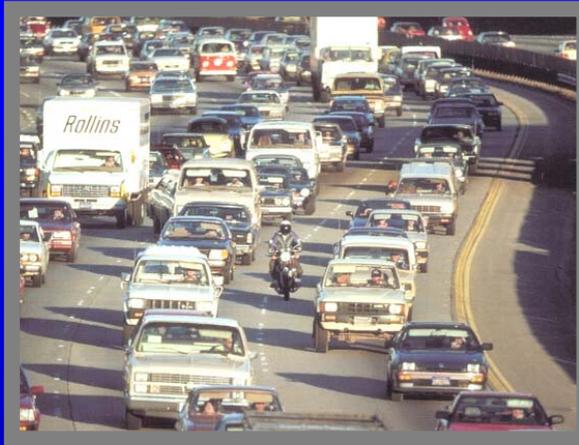
## ***Transportation Facilities***

- 3. Complete Planned Local Transit Network***
- 4. Connect with Regional Transit Systems***
- 5. Build Creek Trails and Bikeways***
- 6. Improve Walkability***
- 7. Retrofit Roads and Design to Context***

## ***Policy***

- 8. Seek Sustainable Funding for Operations and Maintenance***
- 9. Consider Pricing Mechanisms to Manage Peak Auto Demand***
- 10. Improve Aesthetics***

# San Jose Transportation Planning



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