

# Proposed Alternatives

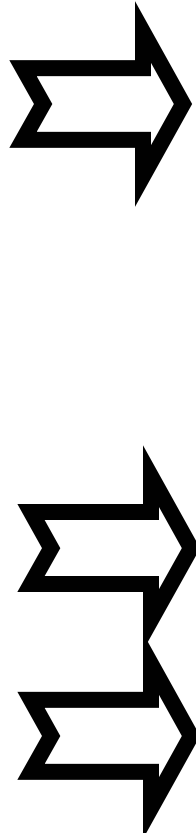


- No Project
- Transportation Systems Management (TSM)
  - “Best that can be done” for Low Capital Cost
  - Principally Bus Enhancements
- Locally Preferred Alternative – Phase 2
  - 4.2-Mile Light Rail Extension
  - Four Stations
    - Morrison Creek
    - Franklin
    - Center Parkway
    - Cosumnes River College



**South Corridor Phase 2 Open House**

# FTA's Project Justification Criteria & Measures



Criteria	Measures
<b>Mobility Improvements</b>	Hours of Transportation System User Benefits
	Low-Income Households Served
	Employment Near Stations
<b>Environmental Benefits</b>	Change in Regional Pollutant Emissions
	Change in Regional Energy Consumption
	EPA Air Quality Designation
<b>Operating Efficiencies</b>	Operating Cost per Passenger Mile
<b>Cost Effectiveness</b>	Incremental Cost per Hour of Transportation System User Benefit
<b>Transit Supportive Land Use &amp; Future Patterns</b>	Existing Land Use
	Transit Supportive Plans & Policies
	Performance & Impacts of Policies
	Other Land Use Considerations
<b>Financial Rating</b>	Local Share of Capital Funds
	Operating Funds
<b>Other Factors</b>	Project Benefits Not Reflected by Other Criteria



**South Corridor Phase 2 Open House**

# Cost Estimate (Base Case)



<b>Guideway and Track Elements</b>	<b>\$31,177,070</b>
<b>Site Work and Special Conditions</b>	<b>\$41,277,250</b>
<b>Stations</b>	<b>\$3,990,220</b>
<b>Systems</b>	<b>\$20,260,100</b>
<b>Right-of-Way</b>	<b>\$5,332,310</b>
<b>Vehicles</b>	<b>\$0</b>
<b>Soft Costs (e.g., engineering/design, project and construction management, insurance, fees, and testing)</b>	<b>\$27,550,440</b>
<b>Contingency</b>	<b>\$6,479,730</b>
<b>Subtotal (2004 \$)</b>	<b>\$136,067,120</b>
<b>Escalation to Year of Expenditure</b>	<b>\$16,929,880</b>
<b>TOTAL (Year of Expenditure \$)</b>	<b>\$152,997,000</b>
<b>Note: Costs escalated to year of expenditure, FY 2005 through 2009, the year of completion</b>	



## South Corridor Phase 2 Open House

# Optional Project Add Ons (Design Options)



## Estimated Capital Costs (Millions)\*

Meadowview Flyover or Meadowview Underpass	\$7.16
Southern UPRR Flyover	.988
Franklin Flyover	\$8.89
Cosumnes River Boulevard Flyover	\$7.36
Parking Garage at Cosumnes River College	\$78.54
Pedestrian Pathway/Structure to Morrison Creek LRT Station (across Morrison Creek)	\$4.95
Pedestrian Pathway/Structure to Franklin LRT Station (across Union House Crrek)	\$1.47
Pedestrian Pathway/Structure to Center Parkway Station (across Union House Creek)	\$2.28
Pedestrian Bridge at Center Parkway (across Cosumnes River Boulevard)	\$7.58
Shuttle Lot at Calvine Auberry	\$3.95

\* Costs escalated to Year of Expenditure

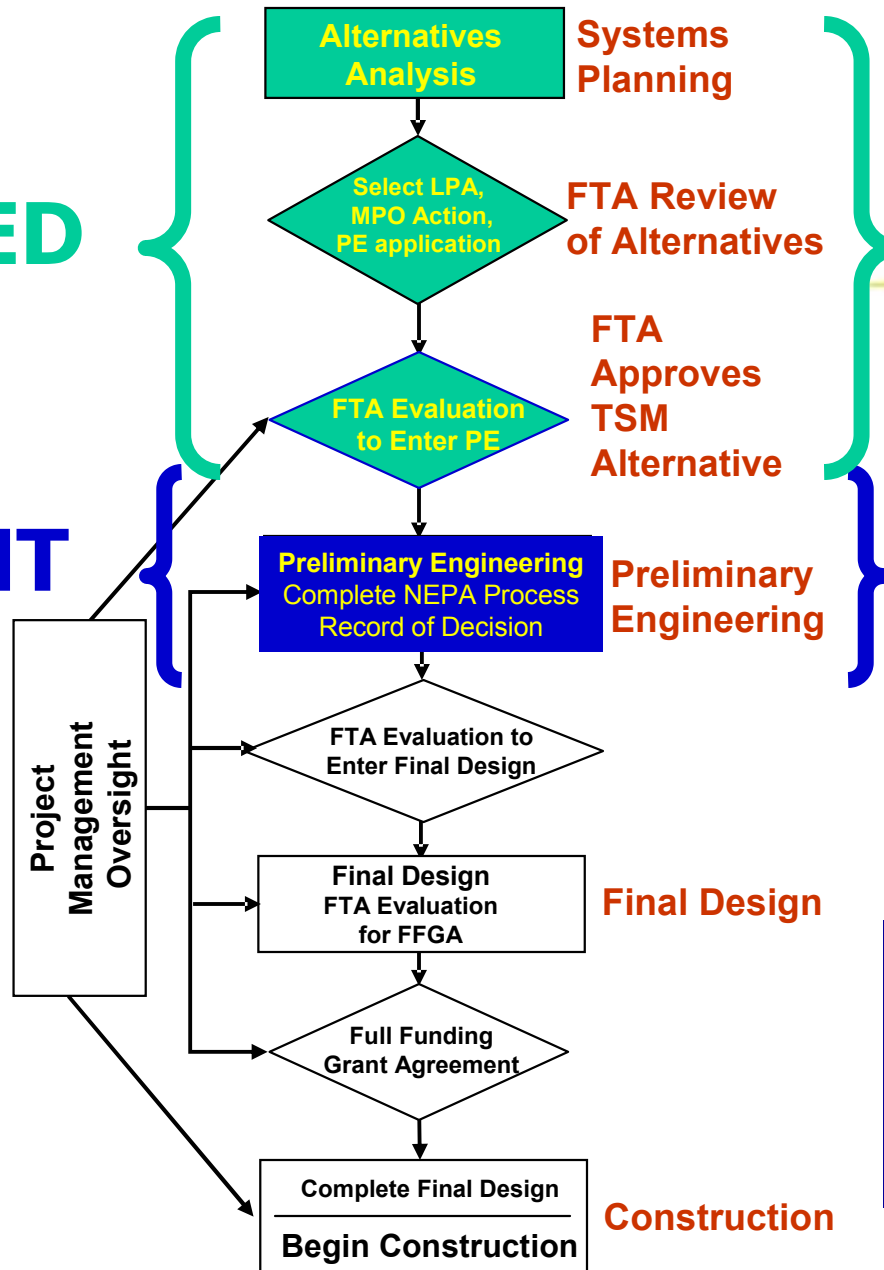


## South Corridor Phase 2 Open House



**COMPLETED**

**CURRENT PHASE**



**Systems Planning**

**FTA Review of Alternatives**

**FTA Approves TSM Alternative**

**Preliminary Engineering**

**Final Design**

**Construction**

**FTA New Starts Process**



**South Corridor Phase 2 Open House**

# Stakeholders Interviews/Meetings (to-Date)



- City of Sacramento
  - Planning Dept./Commission
  - Public Works
  - Housing/Redevelopment
  - Utilities
  - Other Briefings
  - Monthly Coordination Meetings
- Cosumnes River College
- College Square Developer
- City of Elk Grove Representatives
- Freeport Diversion Project
- County
  - Public Works
  - Planning
  - Regional Sanitation
  - Flood Control
  - Other Briefings
- SMUD
- Neighborhood Representatives
- ECOS
- Union Pacific Railroad
- Elected Officials



**South Corridor Phase 2 Open House**



# Key Environmental Analyses



- **Noise / Vibration**
- **Visual - Bridges**
- **Wetlands / Natural Resources / Buffer Area**
- **Effects on Traffic**
- **Drainage / Hydrology / Flooding**



**South Corridor Phase 2 Open House**



# Preliminary Noise Barrier Locations



LEGEND:			
	LRT Alignment		Optional LRT Alignment
	Noise Barrier		Noise Barrier for Flyover Option at Braceville Road
	Proposed Station		





# Sacramento Regional Transit District 10-Year System Expansion Proposal

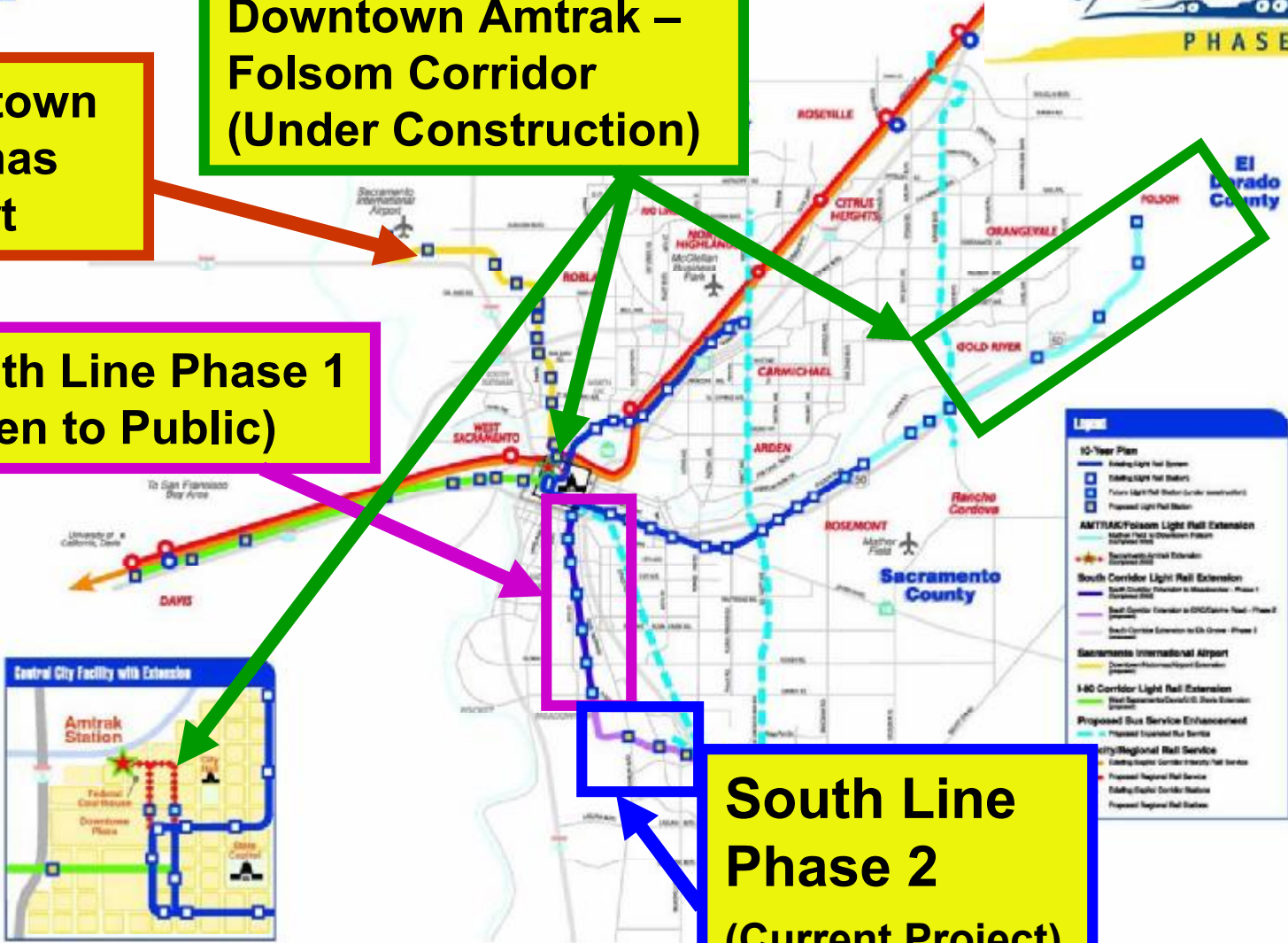


**Downtown  
Natomas  
Airport**

**Downtown Amtrak –  
Folsom Corridor  
(Under Construction)**

**South Line Phase 1  
(Open to Public)**

**South Line  
Phase 2  
(Current Project)**



## South Corridor Phase 2 Open House

# Related Projects and Schedules



RELATED PROJECTS AND SCHEDULES	Agency	2003	2004	2005	2006	2007	2008	2009	2010
<p><b>South Sacramento Corridor Phase 2 Project</b></p> <p>Cosumnes River Boulevard Extension &amp; Interchange</p> <p>This project will extend Cosumnes River Blvd from Franklin Blvd to I-5, provide a new interchange at I-5, and extend to Freeport Blvd. Primarily this project will provide an east-west connector between highway 99 and I-5 improving mobility and relieving future congestion in the south area of Sacramento.</p>	Regional Transit					CONSTRUCTION			
<p>Cosumnes River Boulevard Widening</p> <p>This project will widen Cosumnes River Blvd from Bruceville Road to Franklin Boulevard. The City of Sacramento is coordinating with Sacramento Regional Transit, to evaluate future light rail and widening of Cosumnes River Blvd to 4 or 6 lanes.</p>	City of Sacramento				CONSTRUCTION (Earliest construction start assuming funding for right-of-way and construction is 2006)				
<p>Bruceville Road Widening</p> <p>This project will widen existing Bruceville Road from Cosumnes River Boulevard to Sheldon Road from 2 lanes to 4 or 6 lanes including curb, gutter, sidewalk, median landscaping, and construction of traffic signals at the following intersections: Damascus Street and Bruceville Road, Jacinto Road and Bruceville Road, Calvine Road and Bruceville Road, and College Entrance and Bruceville Road. Design will be coordinated with adjacent development and future light rail projects.</p>	City of Sacramento			CONSTRUCTION		Completed (No phases currently funded; Metropolitan Transportation Plan lists completion date 2008)			
<p>SCRSD Lower Northwest Interceptor Project</p> <p>This regional pipeline project involves a series of facilities to convey wastewater to the Sacramento Regional Wastewater Treatment Plant and includes a pump station, gravity lines, and force mains to link the plant with the Natomas Pump Station.</p>	Sacramento County Regional Sanitation District (SCRSD)			CONSTRUCTION					
<p>South Sacramento County Streams Flood Control Project</p> <p>This project proposes to improve flood protection in the South Sacramento County area by modifying existing levees and channels, constructing new levees at the Sacramento Waste Water Treatment Plant and along portions of Morrison, Elder, Union House, and Florin creeks, and retrofitting bridges along these creeks.</p>	Sacramento Area Flood Control Agency (SAFCA)				CONSTRUCTION				
<p>Freeport Diversion Project</p> <p>This project will divert water from the Sacramento River for use by Northern California areas. One of the project alternatives would locate the diversion pipe along Cosumnes River Boulevard (existing and planned extension).</p>	Freeport Regional Water Authority				CONSTRUCTION				
<p>College Square</p> <p>The 53-acre mixed-use development is proposed to be located in the southeast quadrant at the Cosumnes River Boulevard/Bruceville Road intersection. Eight acres of the site have been identified as a possible location for a LRT Park and Ride lot.</p>	Private Developer			(Projected start period)					

Note: All schedules subject to change.



## South Corridor Phase 2 Open House