



ANAHEIM > RAPID > CONNECTION

**FIXED-GUIDEWAY PROJECT Alternatives Analysis Study Update** 



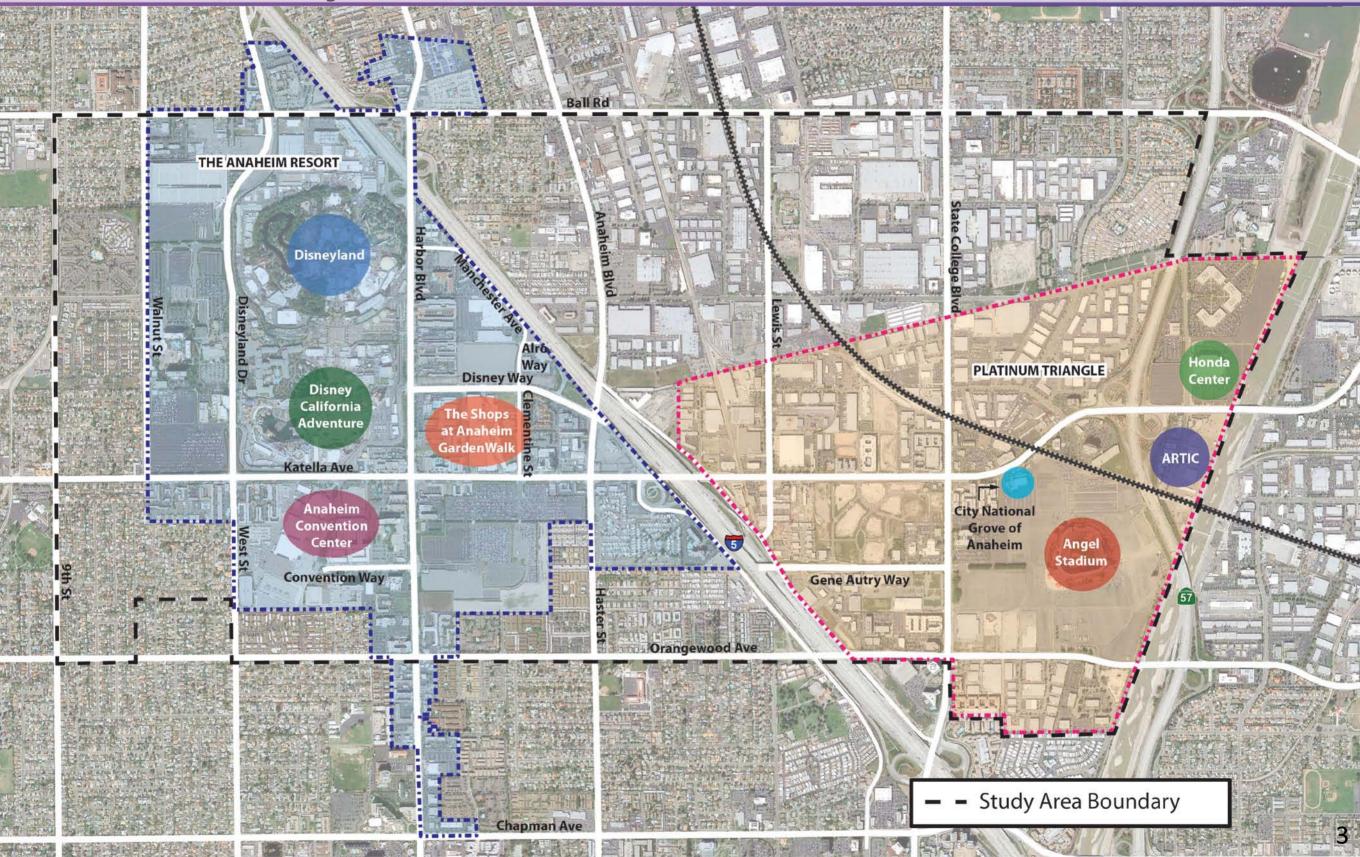
- Provide update on study effort
- Present final alternatives
- Provide initial technical results
- Describe Locally Preferred Alternative (LPA) process and next steps





**Study Area** 







#### Study Area Vision – Adopted Density









#### **The Anaheim Resort**

Hotel Rooms 41,935 Rooms

Retail/ Entertainment

1.29 million square feet

Anaheim Convention Center

1.9 million square feet

Theme Park

6.98 million square feet



#### **Platinum Triangle**

Housing 18,909 Units 28,364 Residents

Office 14.3 million square feet

Commercial 4.9 million square feet

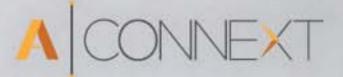






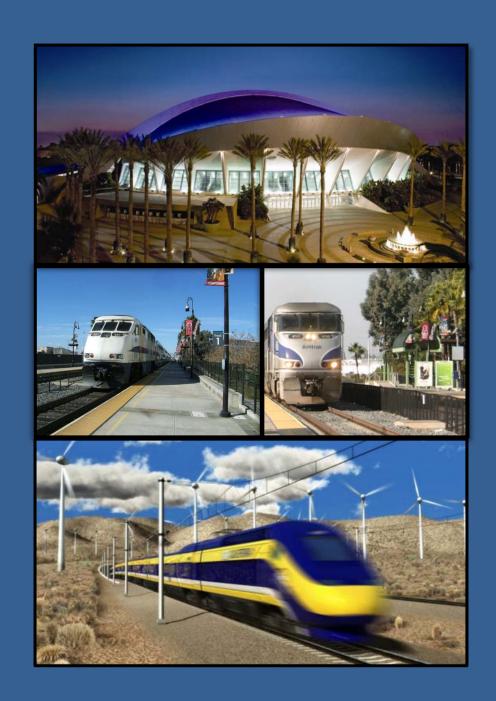


#### **Study Area Transportation**



#### **Transit System Elements:**

- Anaheim Resort Transportation and the Orange County Transportation Authority (OCTA) bus services
- Anaheim Regional Transportation Intermodal Center (ARTIC) – City/Regional Transit Center
- Metrolink & Amtrak Increasing rail service
- California High-Speed Rail Future service





#### **Project Purpose**



- Provide a high-capacity, frequent, and easy-to-use "last mile" transit connection between ARTIC and key study area destinations for residents, employees, and visitors
- Support development of a new, highly livable urban community





### **AA Study Overview**



- Starting point: "Long List" of alignments and technologies
- Initial Screening: Based on purpose and need / goals and objectives
- Final Screening: Technical and feasibility assessment of the following options:
  - No Build
  - Enhanced Bus
  - Streetcar
  - Elevated Fixed-Guideway



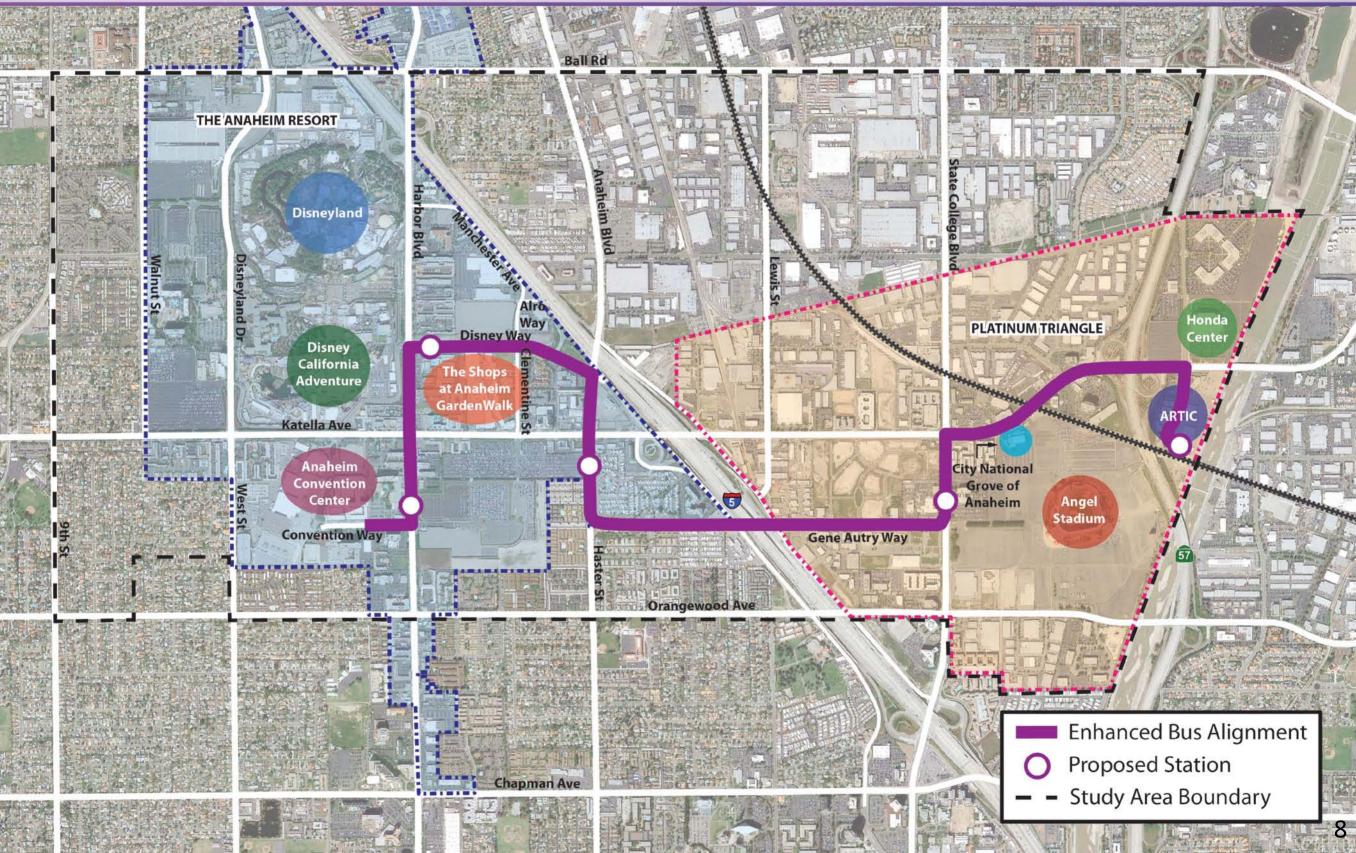






#### **Enhanced Bus**

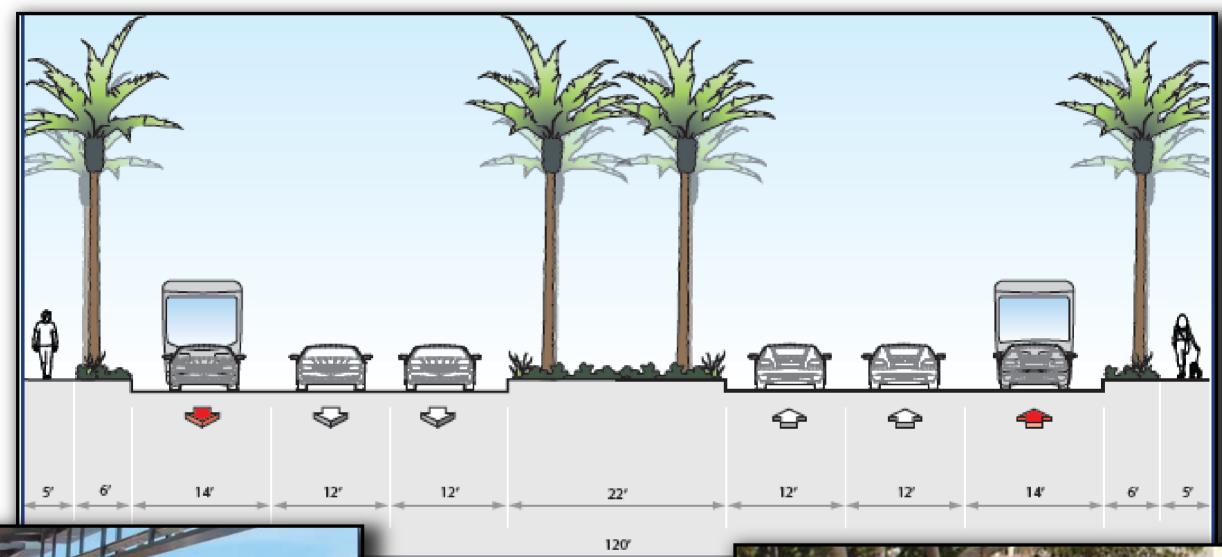






### **Enhanced Bus Elements**





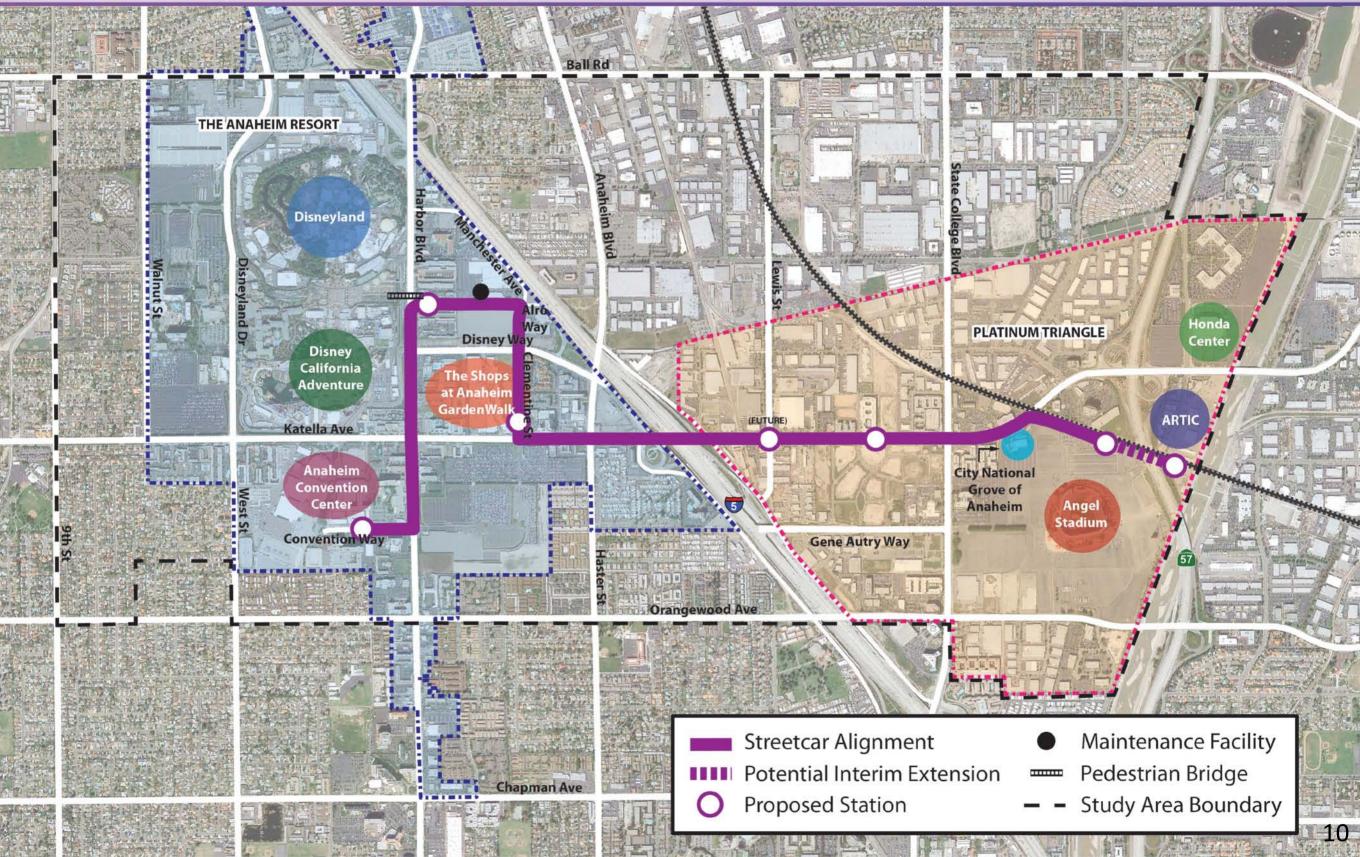






#### Streetcar

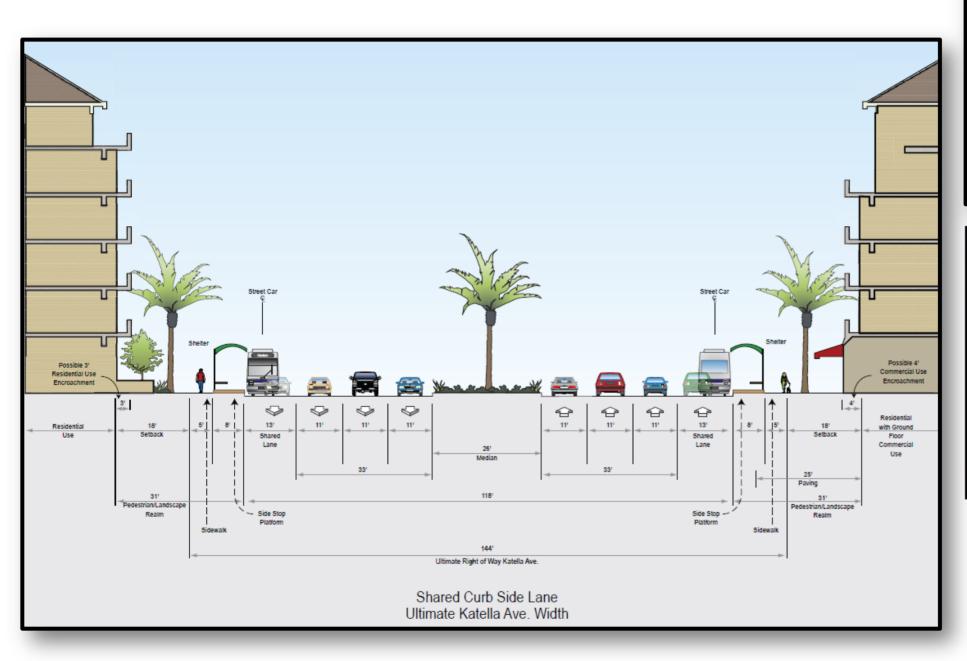






### **Streetcar Elements**







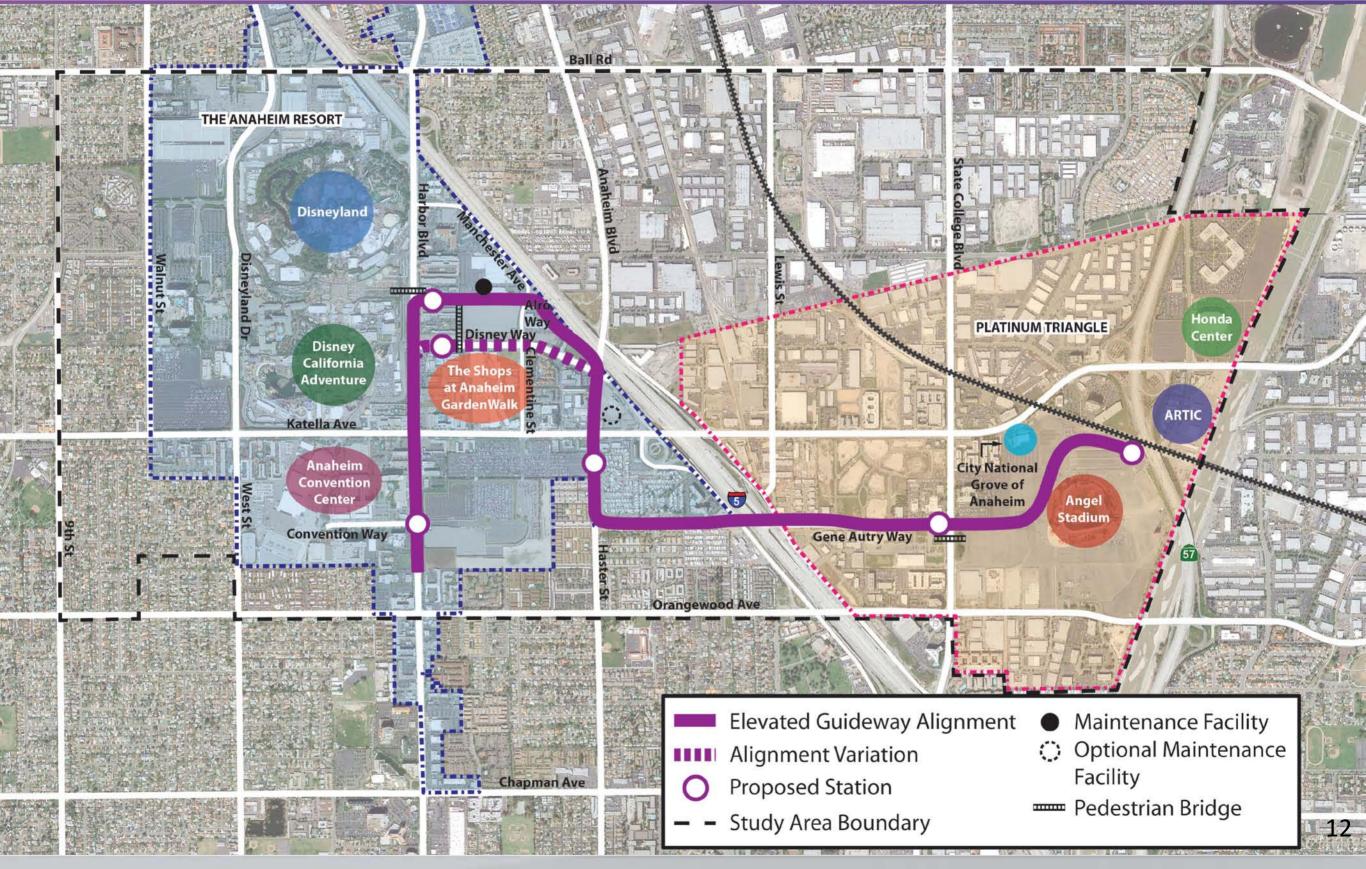






#### **Elevated Fixed-Guideway**

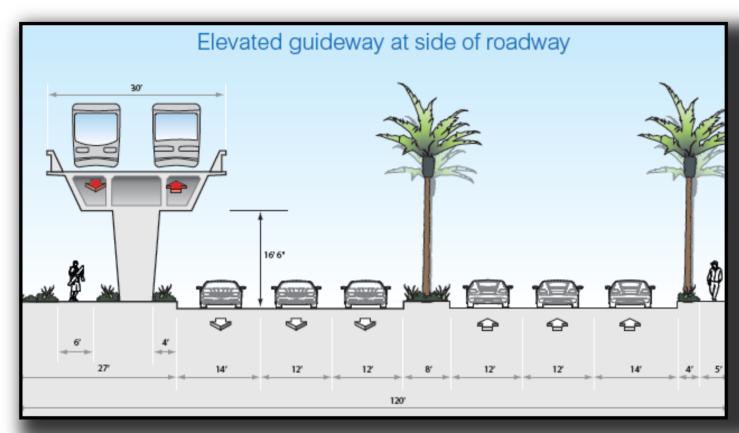


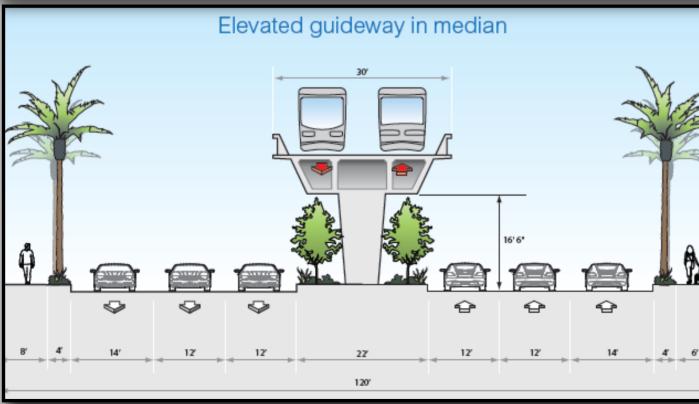




### **Elevated Fixed-Guideway Elements**













## Summary of Technical Findings

	Enhanced Bus	Streetcar	Elevated Fixed- Guideway
Daily Boardings	6,300	7,700	10,700
Cost to Build Millions per year of expenditure (2018)	\$53	\$346*	\$679
Cost to Operate Millions per year	\$2.6	\$5.2	\$10
Cost to Add Station	Low Cost	Low Cost	High Cost
Land Use/Economic Development Support	Limited Potential	High Potential	High Potential

<sup>\*</sup>Estimated / still under development



#### **Funding Opportunities**



#### **ARC Capital Cost**

- Public Funding Opportunities
  - Measure M2 Project "S", State and local transit funds
  - Federal Funding (New Starts Funding for 50 percent of cost)
  - Other Federal Funding
- Opportunities for Private Investment
  - Design Build Operate Maintain (DBOM)
  - Anaheim Tourism Improvement District (ATID)

#### **Operations and Maintenance**

- Fully funded by local sources
  - ✓ ATID
  - ✓ Sponsorship/Advertising/Retail/Farebox





- Locally Preferred Alternative (LPA) Discussion/Adoption
  - Community Meeting Workshop September 12
  - City Council Workshop
  - AA Document Available
  - City Council Decision
  - OCTA Board
- Initiate New Starts Funding Process / Advanced Conceptual Engineering/Environmental Documentation for LPA

September 25

October 3

October 9

November 26

November 2012



#### **Project Schedule**



- 2013 Environmental Clearance
- 2014 Preliminary Engineering Begins
- 2014 2018 Final Design/Construction
- 2018 Construction Complete/Operations Begin



### **Study Information & Comments**



# For more information on this project, visit: www.AConnext.com

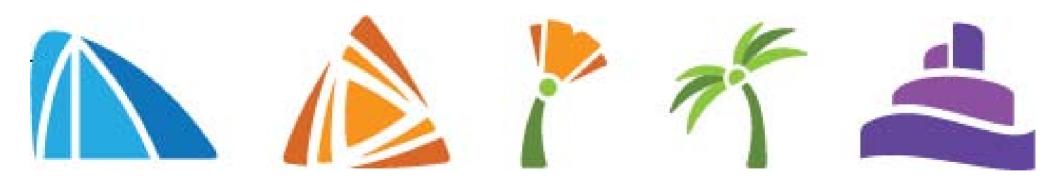
Please share your thoughts on this project by September 21:

- Call 1-877-865-6618
- Email info@anaheimfixedguideway.com
- Fill out a comment sheet and return at today's meeting or by mail to:

Ms. Linda R. Johnson Principal Planner City of Anaheim Public Works Department 200 South Anaheim Blvd., Ste. 276 Anaheim, CA 92805







The final piece to connect Southern California