

# REDLANDS

## Passenger Rail Project

SAN BERNARDINO



REDLANDS



San Bernardino Associated Governments  
Transit and Rail Program

SAN BERNARDINO



REDLANDS

## JUSTIN FORNELLI

*SANBAG Chief of Transit & Rail Programs*

## MICHELLE ADAMS

*SANBAG Office of Legislative & Public Affairs*

## THOMAS COMMUNICATIONS GROUP

Barbara Thomas

*Project Manager*

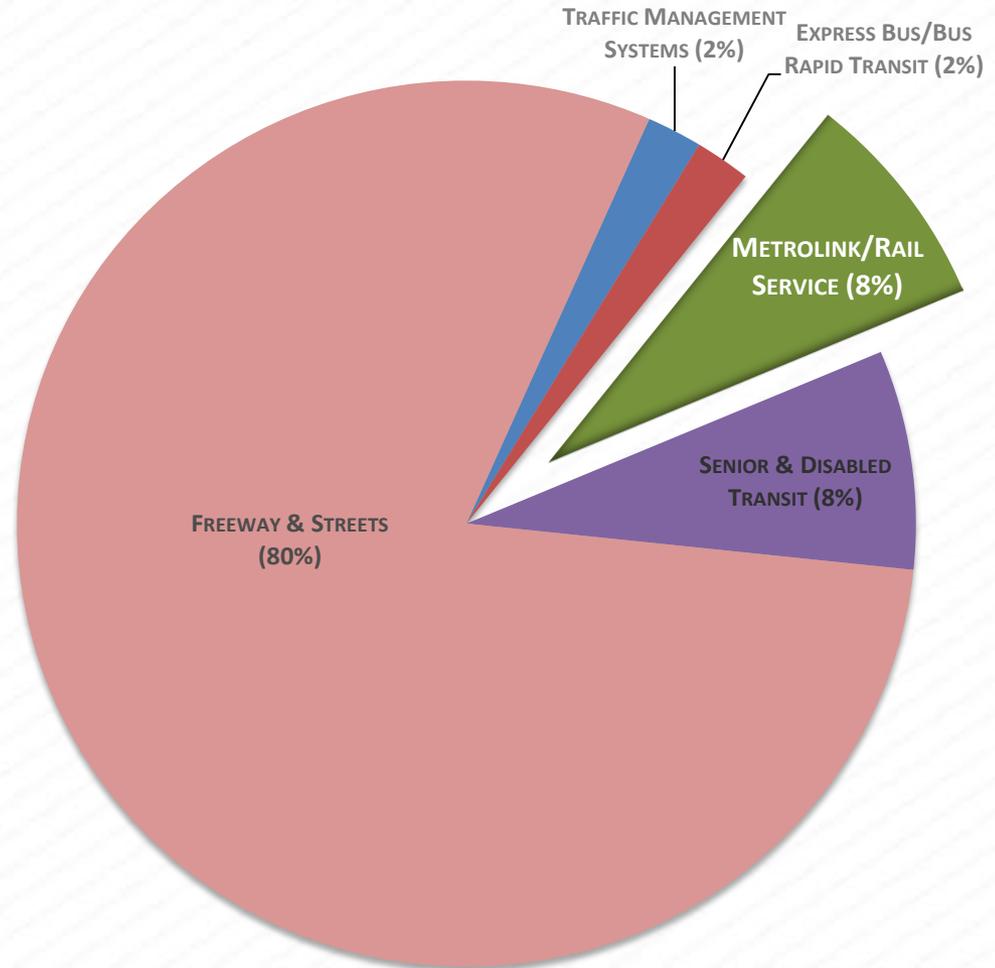
Outreach Specialists:

Wayne Brown

Lilian DeLoza Gutierrez

Martin McIntosh

- Countywide half-cent sales tax
- 2004 Ballot Measure Expenditure Plan specifically identified Redlands Extension



# CHOICES | ACCESS | CONNECTIVITY



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# PROJECT ALIGNMENT



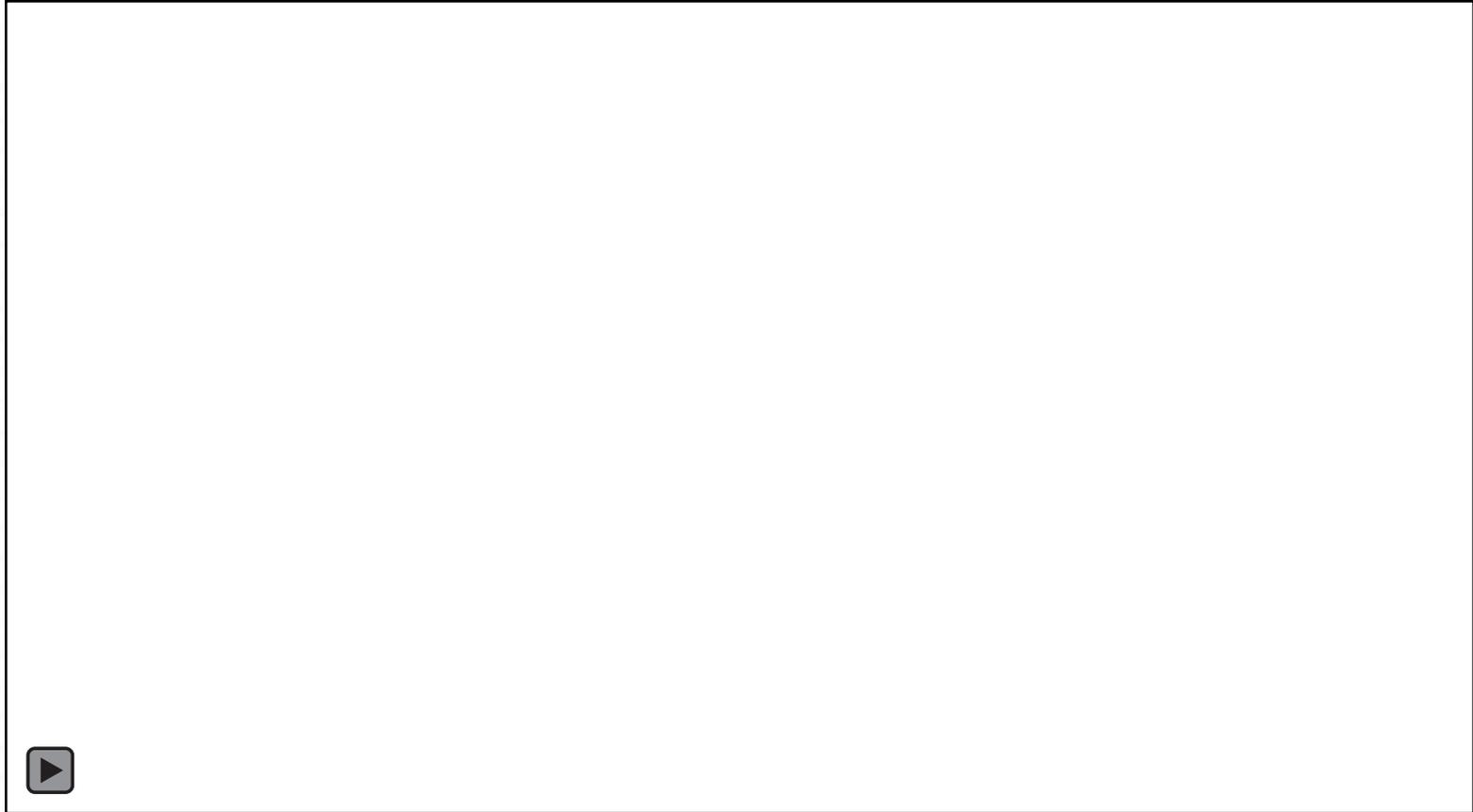
QUIET ZONES

POSITIVE TRAIN CONTROL

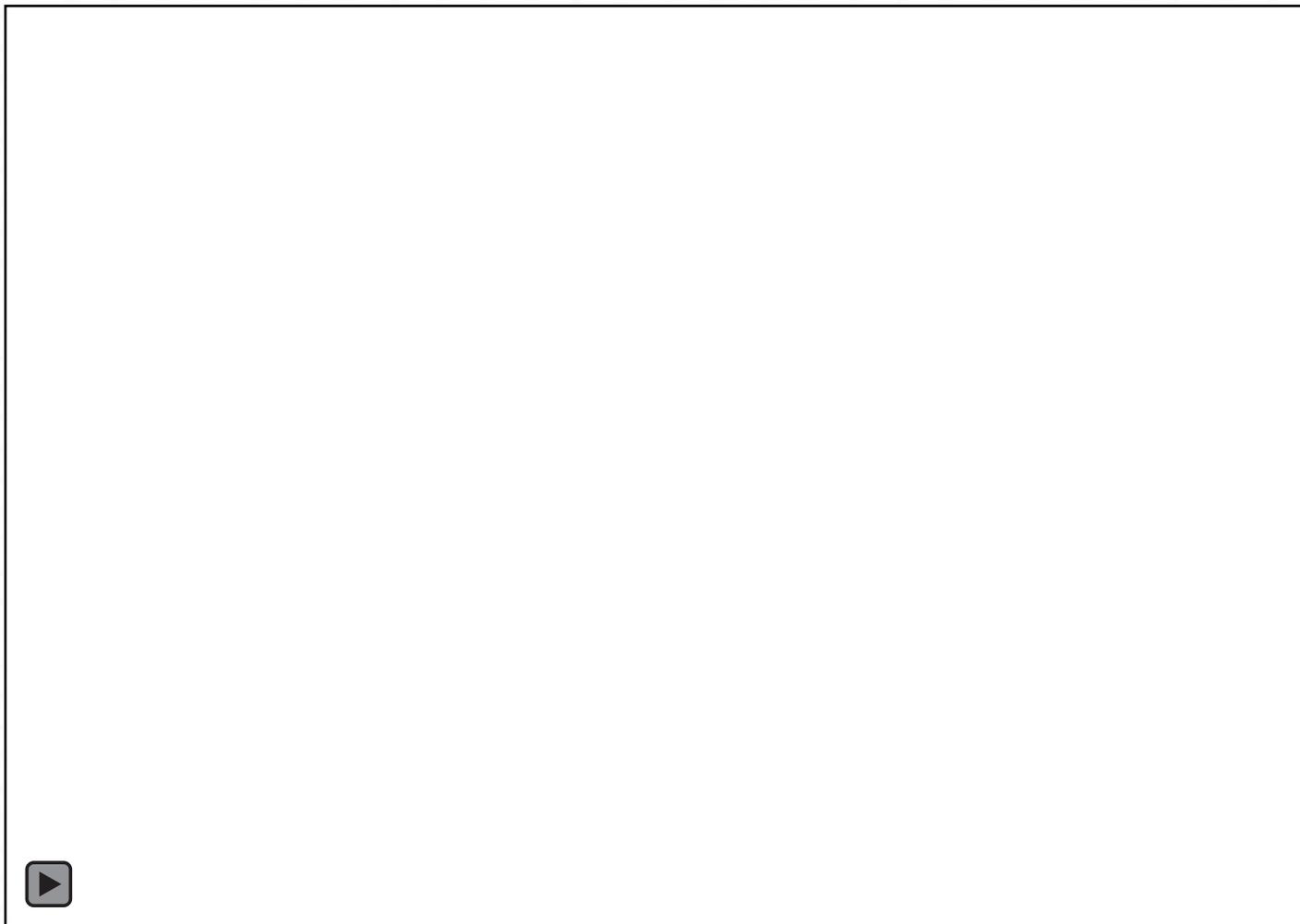
STATION SECURITY

# EQUIPMENT: DIESEL MULTIPLE UNIT

CLEANER | QUIETER | MORE EFFICIENT | CHEAPER TO OPERATE



# EQUIPMENT COMPARISON



# EQUIPMENT FEATURES



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# EQUIPMENT FEATURES



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# PROJECT SCHEDULE

ENVIRONMENTAL CLEARANCE	MAR 2015
START FINAL DESIGN	OCT 2015
START CONSTRUCTION	LATE 2017
START OPERATIONS	MID 2020
VEHICLE PROCUREMENT	2016 - 2020
OUTREACH AND BRANDING	ON-GOING

# PROJECT COST

**CAPITAL COST: \$250 MILLION**  
**O&M COST (PER YEAR): \$8 - \$10 MILLION**

**Total Estimated Capital Delivery Cost**

Capital Cost Component	Preliminary Engineering & Environmental Clearance	Alabama Street and Colton Avenue Early Work	Operation and Vehicle Selection Study	Program Management	Utility Pot-holing, Permitting and Mitigation	Final Design, Right-of-Way Engineering, & Utilities	Vehicle Maintenance Facility Design	Right-of-Way Acquisition and Legal Services	Metroink Design Coordination and Positive Train Control	Public Outreach and Branding	Construction & Construction Management <sup>1</sup>	Vehicles <sup>2</sup>	Total <sup>3</sup>
Amount	\$10,067,471	\$3,075,717	\$543,266	\$11,828,524	\$1,227,893	\$25,230,000	\$750,000	\$5,100,000	\$3,650,000	\$500,000	\$166,000,000	\$18,000,000 to \$22,000,000	\$246,000,000 to \$250,000,000

<sup>1</sup>Includes costs associated with construction of the maintenance facility and utility relocation contract items.

<sup>2</sup>Does not include costs associated with special tools, testing, spare parts, etc.

<sup>3</sup>Does not include operation costs.

THANK YOU