

**Light Rail Efficiency:
Mountain View Double Track Phase II Project**

**MTC
Air Quality Conformity
Task Force Meeting**

August 28, 2014



Area Map



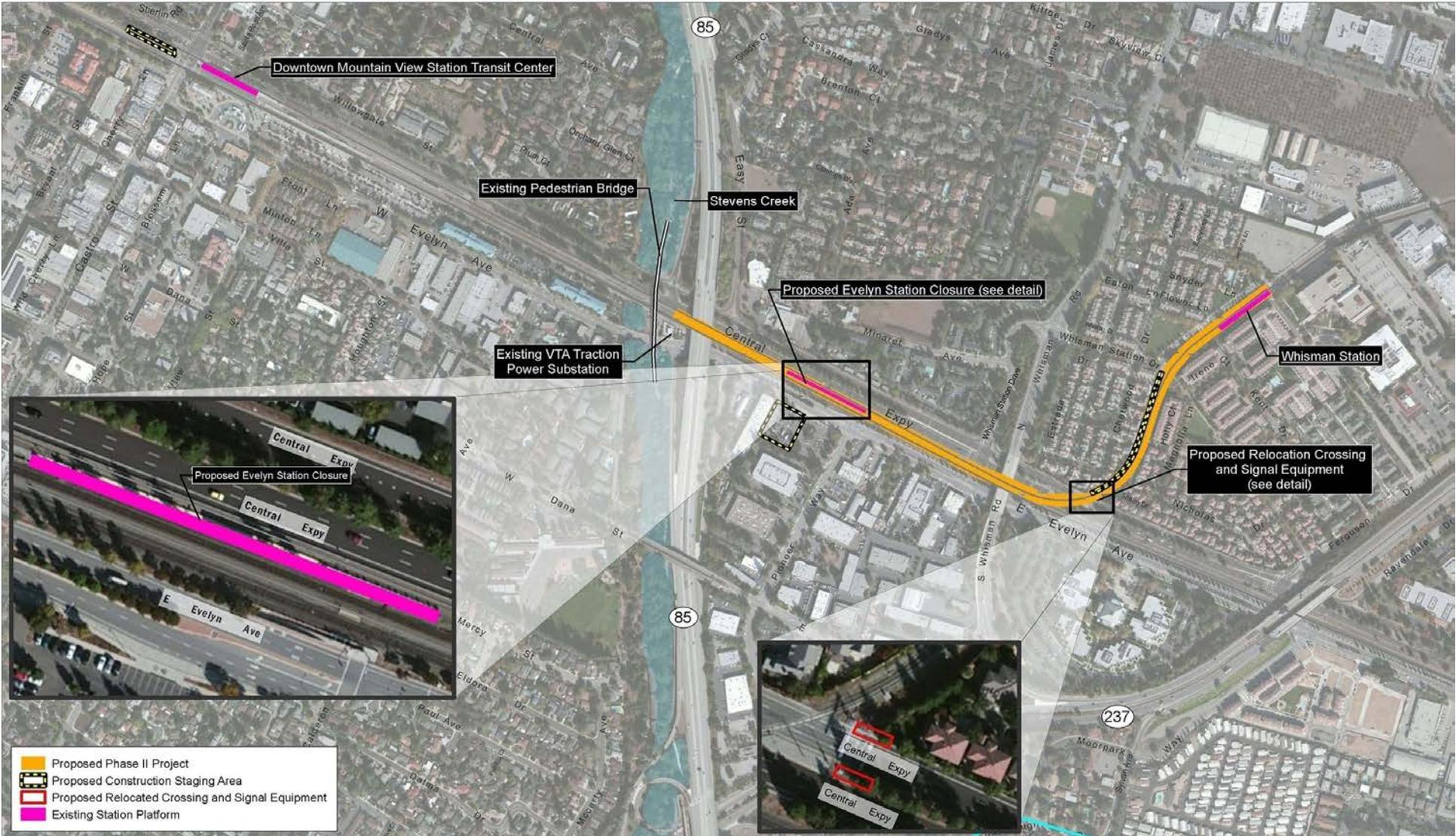
Project Description



- Add a second light rail track between SR 85 and Whisman Light Rail Station to enable simultaneous northbound and southbound train operations.
- Close and remove Evelyn Light Rail Station. Evelyn Park-and-Ride Lot to remain.
- Install light rail support systems.
- Remove landscaping.



Project Map



Opening Year (2016) LOS Analysis



According to the project's traffic analysis, the intersections of Central Expressway/Whisman Station Drive and Central Expressway/Ferguson Drive would operate at LOS B during the PM peak hour under both 2016 No Build and Build conditions. These intersections would still meet the CMP thresholds for acceptable operation and the additional PM_{2.5} emission from idling vehicles would not substantially increase local PM_{2.5} levels at those intersections. Estimated truck volumes of 495 per day would not change.

OPENING YEAR - 2016				
Intersection	LOS	AADT	% Trucks	# Trucks
Central Expressway/ Whisman Station Drive	No Build: LOS B	No Build: 21509	No Build: 2.3%	No Build: 495
	Build: LOS B	Build: 21509	Build: 2.3%	Build: 495
Central Expressway/ Ferguson Drive	No Build: LOS B	No Build: 17232	No Build: 2.4%	No Build: 416
	Build: LOS B	Build: 17232	Build: 2.4%	Build: 416

Horizon Year (2040) LOS Analysis



According to the project traffic analysis, the intersections of Central Expressway/Whisman Station Drive and Central Expressway/Ferguson Drive would operate at LOS D during the PM peak hour under 2040 No Build and Build conditions. These intersections would still meet the CMP thresholds for acceptable operation and the additional PM_{2.5} emission from idling vehicles would not substantially increase local PM_{2.5} levels at those intersections. Estimated truck volumes of 831 per day would not change.

HORIZON YEAR - 2040				
Intersection	LOS	AADT	% Trucks	# Trucks
Central Expressway/ Whisman Station Drive	No Build: LOS D	No Build: 34187	No Build: 2.4%	No Build: 831
	Build: LOS D	Build: 34183	Build: 2.4%	Build: 831
Central Expressway/ Ferguson Drive	No Build: LOS D	No Build: 28087	No Build: 2.5%	No Build: 706
	Build: LOS D	Build: 28078	Build: 2.5%	Build: 707