Mountain View Transit Center Grade Separation and Access Project

Caltrain Citizens Advisory Committee

February 16, 2022
Agenda Item 10
Project Overview
EXISTING TRANSIT CENTER & CROSSING

Existing At-Grade Railroad Crossing at Castro Street

Evelyn Ramp to Shoreline
BACKGROUND

- Pre-pandemic: 92 trains per weekday
- Current: 104 trains per weekday
- 2040: 398 trains/weekday – Caltrain

Electrification and California High Speed Rail
TRANSIT CENTER MASTER PLAN CONCEPT

Approved in 2017 by City of Mountain View Council
TRANSIT CENTER MASTER PLAN CONCEPT
GRADE SEPARATION & ACCESS PROJECT

Objectives

• Improve safety for all modes of travel
• Improve overall traffic flow
• Reduce traffic delays caused by gate down times
• Support the pedestrianization of downtown including the Transit Center and Castro Street
• Reduce train horn noise
GRADE SEPARATION & ACCESS PROJECT
Progress Update

• City funded and managed Grade Separation and Access Project (GSAP) preliminary design and environmental clearance – completed in 2020/21

• City, VTA, and Caltrain agreement to fund Final Design under Caltrain management – completed in March 2021
**PROJECT ELEMENTS**

1. Construction of a new vehicle ramp from W Evelyn Avenue to Shoreline Boulevard to provide an alternate route for vehicles.

2. Construction of shared use path underneath new W Evelyn Avenue ramp and Shoreline Boulevard.

3. Addition of secure bicycle parking at the Transit Center.

4. Construction of undercrossing and vertical circulation for pedestrians and cyclists to facilitate passage between the north side of Central Expressway and the Moffett Boulevard community to both the Transit Center and Downtown Mountain View; closure of at-grade Castro Street rail crossing to vehicles.

5. Designation of new areas for pick-up/drop-off along Central Expressway and Moffett Boulevard.

The Final Phase (not depicted) will include lengthening the Caltrain platforms, shifting them closer to Castro Street, and providing new pedestrian access, which will eliminate all at-grade crossings of the Caltrain tracks.
PROJECT ELEMENTS

- Evelyn Ave. ramp to Shoreline Blvd. (reroutes traffic and allows vehicle closure at tracks)
- Pedestrian and bicycle undercrossings
  - Castro St. entrance and Evelyn Ave. intersection
  - Track undercrossing and concourse
  - Central Expressway undercrossings to Stierlin Rd. and Adobe building
- Moffett Blvd. improvements and new shuttle loading
EVELYN RAMP TO SHORELINE

EXISTING

RAMP LOCATION
EVELYN RAMP TO SHORELINE

CONCEPTUAL RENDERING
CASTRO STREET ENTRANCE

EXISTING

NEW ENTRANCE
CASTRO STREET ENTRANCE

CONCEPTUAL RENDERING
CASTRO STREET ENTRANCE
TRACK UNDERCROSSING

EXISTING

NEW UNDERCROSSING
TRACK UNDERCROSSING

CONCEPTUAL RENDERING

FACING NORTH

FACING SOUTH
CONCOURSE

EXISTING

NEW CONCOURSE
CONCOURSE

CONCEPTUAL RENDERINGS
CONCOURSE

CONCEPTUAL RENDERINGS
STIERLIN & ADOBE ENTRANCES

EXISTING

NEW ENTRANCES
STIERLIN & ADOBE ENTRANCES

CONCEPTUAL RENDERING
### TIMELINE

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Questions