

II. Fact Sheet: I-280/Wolfe Road Interchange Improvement

Santa Clara Valley Transportation Authority, in partnership with Caltrans and the City of Cupertino (hereinafter City)

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Website: <https://www.vta.org/projects/i-280wolfe-road-interchange-improvements-project>

A. Project Location

Santa Clara County, City of Cupertino | I-280 and Wolfe Road Interchange

B. Project Scope

The I-280/Wolfe Road Interchange project consists of replacing the existing four-span Wolfe Road Overcrossing over I-280 with a new two-span overcrossing structure at a higher profile than the existing structure. The new structure will accommodate three (3) through lanes and one (1) right-turn lane with pedestrian sidewalks and Class IV Bikeway in each direction on Wolfe Road. Each off-ramp of the partial cloverleaf configuration will be realigned, squared up, and widened to five (5) lanes, with a new traffic signal at the off-ramp intersection with Wolfe Road. Each diagonal on-ramp and loop on-ramp will be realigned, squared up, and widened with High Occupancy Vehicle (HOV) preferential lanes at each on-ramp. To accommodate the raised profile and reduce right-of way acquisition, six (6) retaining walls will be constructed along the ramps.

C. Project Cost

Total Project Cost:	\$ 120,000,000	Total LPP Request:	\$ 25,000,000
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D. Project Schedule

PID: June 2016 June 2017	PA&ED: July 2017 November 2020	PS&E: August 2020 March 2023	R/W: November 2020 March 2023	CONSTRUCTION: December 2023 December 2027	OPENING: December 2026
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E. Project Benefits

In the City of Cupertino's General Plan: Community Vision 2015-2040, Wolfe Road at I-280 is identified as an existing four lane arterial in the project area. This document identified the need for improvements at Wolfe Road and complements the policies to promote transit, walking, bicycling and Complete Streets. Wolfe Road is a key connector between job locations and housing, commercial, and retail developments. The existing interchange at I-280 is congested with significant delays, which are projected to worsen due to planned growth in the area. Sidewalks and bike lanes are narrow and cross high-speed, at-grade ramp connections, which discourages use by pedestrians and bicyclists. The existing sidewalks are not in compliance with

the American Disabilities Act (ADA). The interchange configuration is not consistent with Caltrans' Complete Streets design guidelines or the Cupertino General Plan vision for a walkable, bikeable community. These conditions will be improved with squared up ramps, wider sidewalks, and Class IV Bikeways with the Project. The Project will improve traffic operations and facilities for multimodal forms of transportation, including bicycle, pedestrian, and high-occupancy vehicle (HOV) uses, at the I-280/Wolfe Road Interchange in the City of Cupertino.

III. Project General Information

A. Project Overview

1. Title:

I-280/Wolfe Road Interchange Improvement

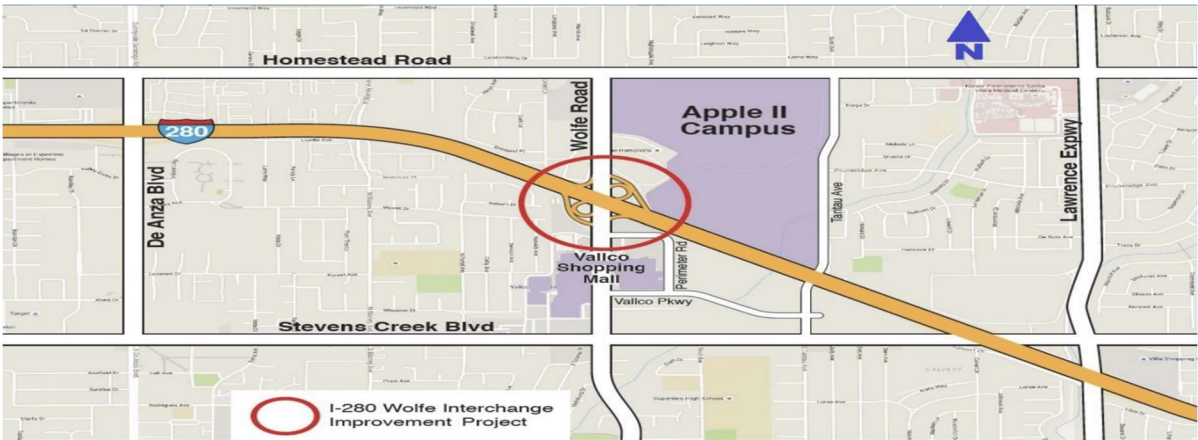
2. Description:

Santa Clara Valley Transportation Authority (VTA), in partnership with California Department of Transportation (Caltrans) and the City of Cupertino (City), proposes to modify the existing partial cloverleaf interchange on Interstate 280 (I-280) at Wolfe Road in the City of Cupertino, Santa Clara County. The purpose of the I-280/Wolfe Road Interchange Improvement Project is to improve traffic operations and facilities for multimodal forms of transportation, including bicycle, pedestrian, and high-occupancy vehicle uses. These improvements are hereafter referred to as the "Project."

The total Project cost estimate is \$120,000,000. The preliminary phases have been completed or almost complete and are paid for by local and VTA 2016 Measure B funds. The estimated construction cost is \$93,891,000. VTA is requesting \$25,000,000 of LPP Competitive funds. Although this represents only 26.6% of the construction cost, it is a very important final element of the project funding plan.

For Automobile Transportation Mode, this Project will replace the outdated overcrossing structure with an 8-lanes facility, modify ramp meters to improve operations, widen ramps to increase storage. The added lanes to the on- and off-ramps including the HOV preferential bypass lane will improve transit operations within the project area that is being operated by VTA, including Express Bus/Local Bus along Wolfe Road. VTA also operates Rapid Bus along Stevens Creek Blvd immediately south of the project area. The Project will provide ramp intersection signalization for safe bicycle and pedestrian access. It will install off-street Class IV bikeways to improve safety for non-vehicular users and to limit the extent of exposed cyclists on the roadway and reduce the risk of vehicle conflicts with pedestrians and/or bicyclists. Redundant class II bike lanes are also provided through the interchange for cyclists who choose to remain on-street. The Project would shorten the crossing distances at ramp locations to limit exposure of bicyclists and pedestrians and provide high visibility crosswalk delineations.

B. Map and Photos (Engineer Renderings) of Project Area



I - 280 / WOLFE ROAD INTERCHANGE IMPROVEMENTS PROJECT

