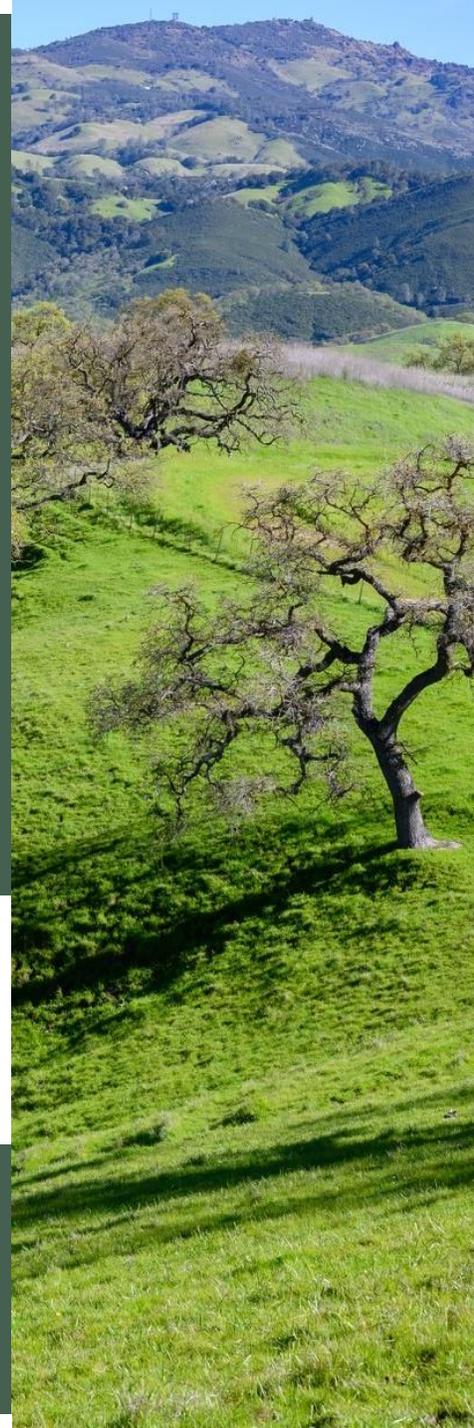




DIABLO ROAD TRAIL PROJECT

Updated October 2022

Summary & Status



PROJECT HISTORY

A 3-decade long vision to close a trail gap

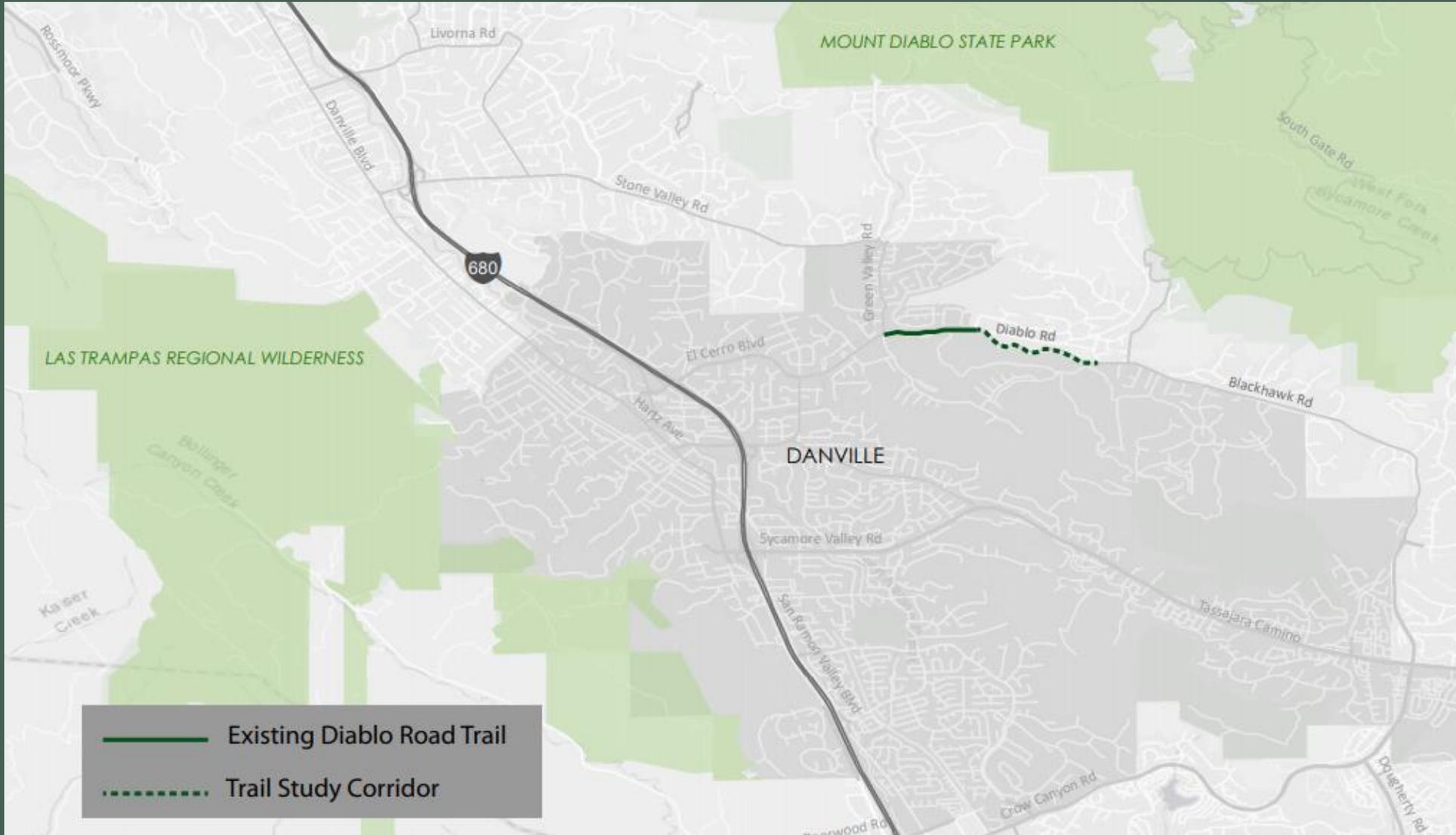


Danville
Townwide Trail
Plan, adopted
1989



PROJECT PURPOSE

Connects Barbara Haile Trail (existing) eastward toward Mt. Diablo State Park



*Excerpt from
Diablo Road Trail
Feasibility Analysis,
August 2018*



PUBLIC EASEMENT

Secured public trail easement as part of the Magee Preserve housing approval, which dedicated 381 acres (93%) of the 410-acre ranch for public open space and trail development



TWO-PART CONSTRUCTION

Easterly section underway by the developer, as part of the Magee Preserve subdivision improvements

Westerly section will be constructed by the Town in 2023, connecting to *Barbara Haile Trail* (existing)



DIABLO ROAD TRAIL FEASIBILITY STUDY (2018)

Identified 3 alignment options across the most challenging terrain, but none ADA compliant



ADA-COMPLIANT PROJECT ALTERNATIVE

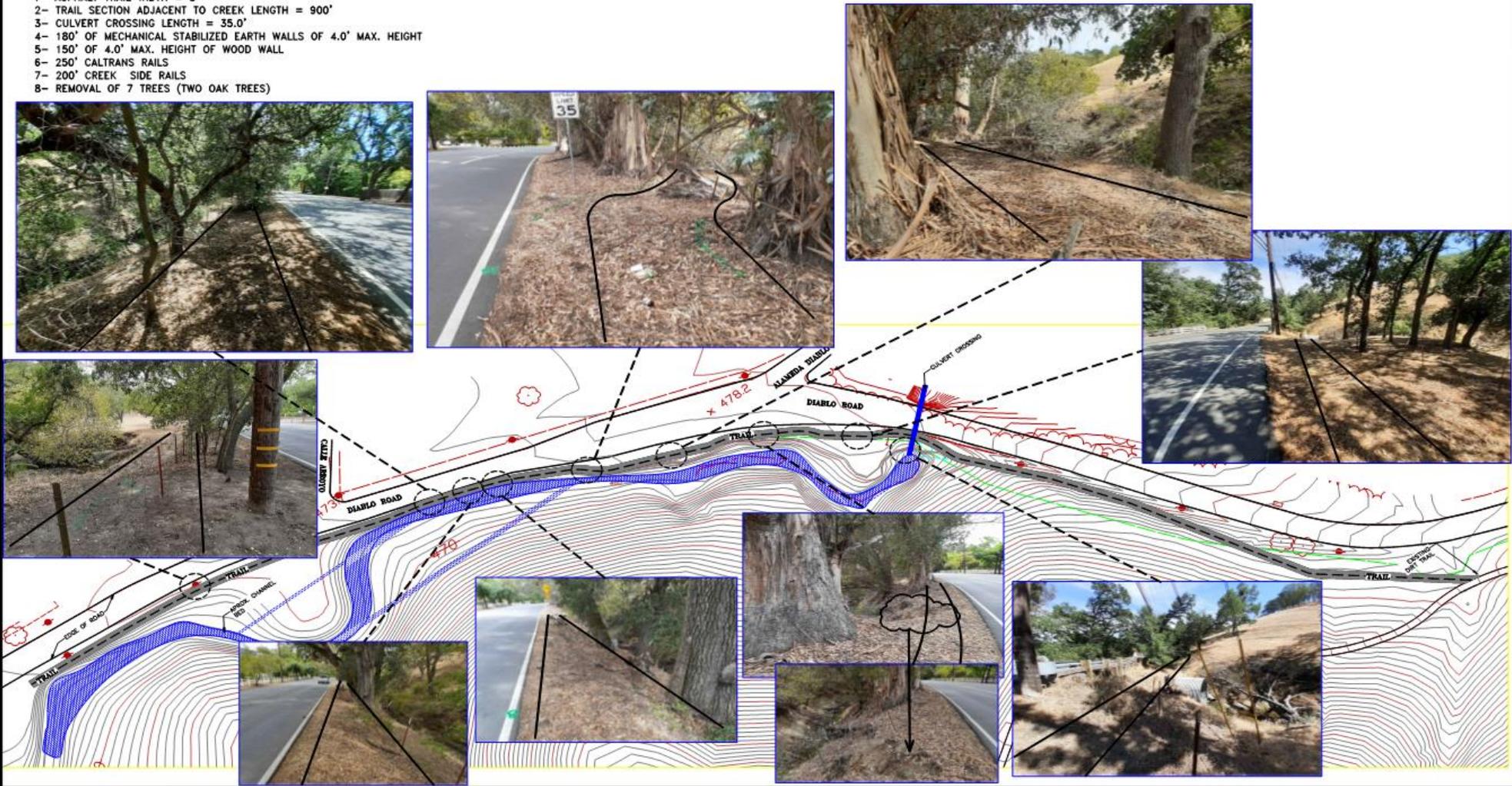
In-house analysis identified **ADA compliant, environmentally-friendly, least-expensive** alternative



DIABLO ROAD TRAIL ALIGNMENT – EXISTING CONDITIONS

TOWN OF DANVILLE

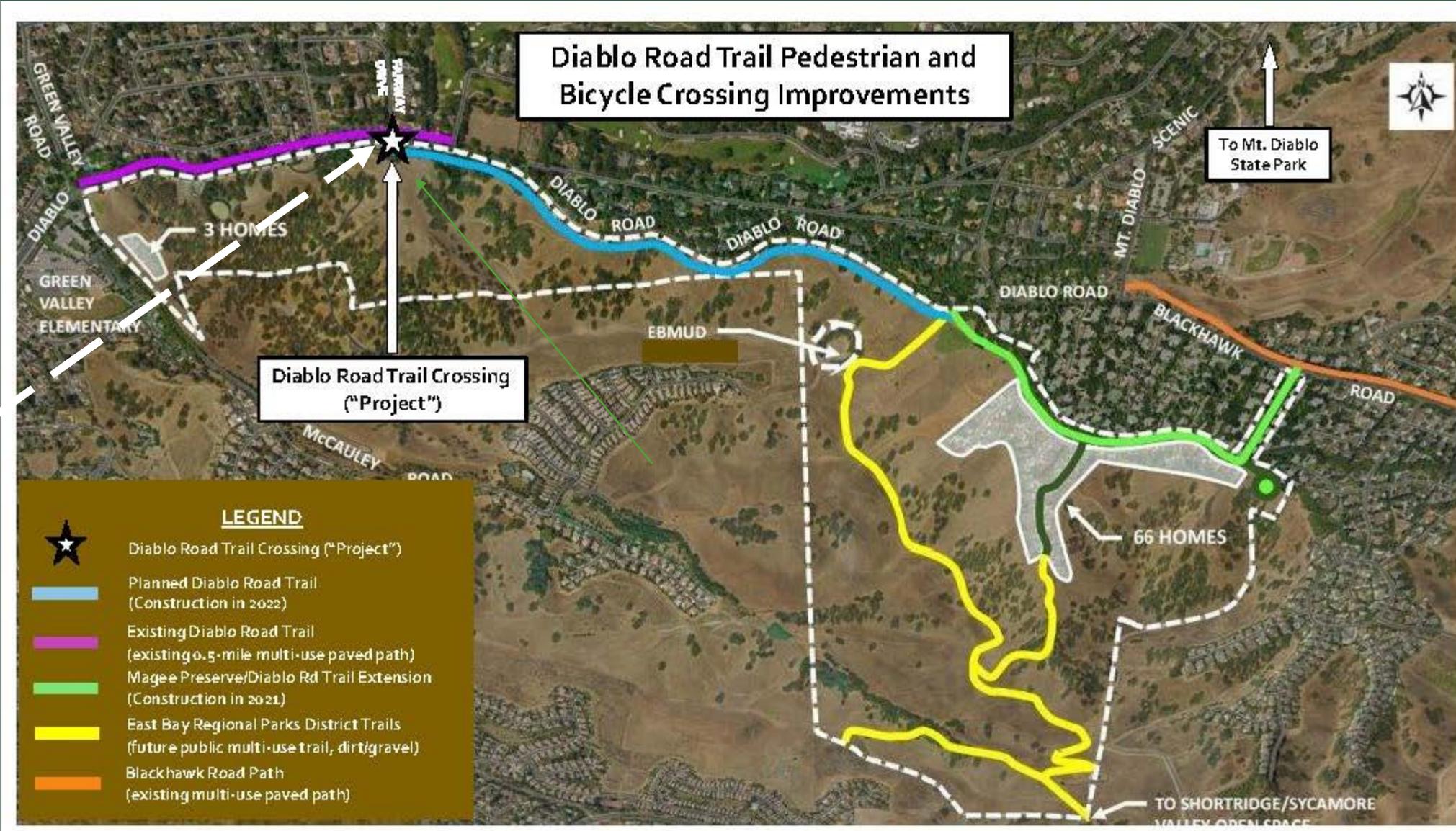
- 1- ASPHALT TRAIL WIDTH = 8'
- 2- TRAIL SECTION ADJACENT TO CREEK LENGTH = 900'
- 3- CULVERT CROSSING LENGTH = 35.0'
- 4- 180' OF MECHANICAL STABILIZED EARTH WALLS OF 4.0' MAX. HEIGHT
- 5- 150' OF 4.0' MAX. HEIGHT OF WOOD WALL
- 6- 250' CALTRANS RAILS
- 7- 200' CREEK SIDE RAILS
- 8- REMOVAL OF 7 TREES (TWO OAK TREES)



Elements of a conceptual in-house design alternative,



DIABLO ROAD TRAIL CROSSING – “HAWK” SIGNAL LOCATION MAP



CROSSING LOCATION:
FAIRWAY DRIVE (GENERAL VICINITY)

DIABLO ROAD TRAIL CROSSING – PROPOSED TREATMENT

“HAWK” SIGNAL HIGH - INTENSITY ACTIVATED CROSSWALK



How does a HAWK Signal Work?

What is a HAWK Signal?

A **HAWK** (High-Intensity Activated crossWalk) signal is a signal-beacon designed to help pedestrians and bicyclists safely cross the street.

While different in appearance for motorists, for the pedestrian, this signal works like other push-button activated traffic signals by stopping traffic with a red signal, allowing pedestrians to cross with a **WALK** signal.

Pedestrians

Will see this...	Will do this...
	Push the button to activate the WALK signal
	Wait (It may take up to one minute for the signal to change)
	Wait
	Start crossing after you see the WALK signal (Be sure traffic has stopped)
	Continue Crossing (Countdown signal time remaining to cross)
	Push the button to cross

Drivers

Will see this...	Will do this...
	Proceed
	Proceed with Caution (Pedestrian signal has been activated)
	Slow down and prepare to STOP
	STOP! (Pedestrian in crosswalk)
	STOP! Then proceed with caution if clear
	Proceed if crosswalk is clear

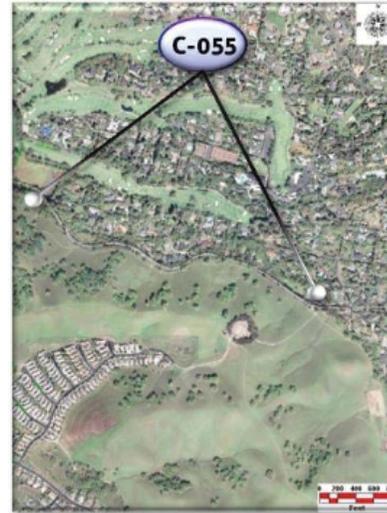


FUNDING & DESIGN ELEMENTS

- Total length ~4,500 feet.
- Roadway crossing at Fairway Drive (HAWK Signal)
- Alignment along south side of Diablo Road
- 8-foot wide paved pathway with 2-foot gravel shoulders
- Pathway separated 4-5 feet from Diablo Road, with physical barrier separating trail from roadway
- Pathway will be ADA compliant
- Estimated total cost: \$5.7 million (100% Funding Procured)

DIABLO ROAD TRAIL FROM ALAMEDA DIABLO TO TANK ACCESS ROAD

CIP No: C-055 | STATUS: In Design | GREEN PROJECT: Yes | PRIORITY: 1 | PROJECT MANAGER: AD



This project has been modified from the previous year.

PROJECT DESCRIPTION AND LOCATION:

Project is part of the North East Roadway Improvement Assessment District (NERIAD) and consists of construction of a paved 0.9-mile Class I pedestrian/bicycle path located adjacent to the south side of Diablo Road from Fairway Drive to the west to the tank access road (1,200 feet west of Mt. Diablo Scenic/Blackhawk intersection) to the east. Path will connect to existing 0.5-mile Diablo Road (aka Barbara Haile) Trail to the west and a new 0.7-mile Class I path to the east that will be constructed as part of the Magee Preserve Development.

Funding plan is completed with reallocation of Measure J program funds from C-578, C-598, C-600 and C-602.

A TDA grant (\$150,000) was awarded for FY22 cycle for the construction of the crossing improvements (HAWK signal) at the intersection of Diablo Road/Fairway Drive.

2018 - Feasibility Study (COMPLETE)
 2021/22 - Design and Environmental Clearance phases (In progress)
 2023 - Construction

DESCRIPTION OF MODIFICATIONS:

Updated description and funding.

PROJECT COST ESTIMATE

PRINTED ON: 5/24/2022

Expenditure Category	Prior Years	2022/23	2023/24	2024/25	2025/26	2026/27	Total	
Environmental Review	\$445,923	\$0	\$0	\$0	\$0	\$0	\$445,923	
Design/Plan Review	\$429,000	\$0	\$0	\$0	\$0	\$0	\$429,000	
Design	\$35,536	\$0	\$0	\$0	\$0	\$0	\$35,536	
Construction	\$4,731,568	\$0	\$0	\$0	\$0	\$0	\$4,731,568	
Inspection & Admin.	\$57,200	\$0	\$0	\$0	\$0	\$0	\$57,200	
Total Cost Estimate:	\$5,699,227	\$0	\$0	\$0	\$0	\$0	\$5,699,227	
Total Expenditure:	\$312,347	Unexpended: \$5,386,880 on 4-27-2022						

PROJECT APPROPRIATION AND FUNDING

Funding Source(s)	Prior Years	2022/23	2023/24	2024/25	2025/26	2026/27	Total
Meas J Major St 24c	\$3,059,536	\$0	\$0	\$0	\$0	\$0	\$3,059,536
Meas J-CC-TLC (2012)	\$75,000	\$0	\$0	\$0	\$0	\$0	\$75,000
Meas J-CC-TLC (2017)	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000
NERIAD	\$914,691	\$0	\$0	\$0	\$0	\$0	\$914,691
TDA Grant	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
Total Funding:	\$5,699,227	\$0	\$0	\$0	\$0	\$0	\$5,699,227

RATIONALE FOR PROPOSED PROJECT:

This project mitigates the impacts of development within the NERIAD project boundaries.

EXPECTED IMPACT ON OPERATING BUDGET:

Additional worker hours required to maintain per year: 0
 Additional Town direct operating costs per year: \$0



PROJECT STATUS & SCHEDULE

- **Summer 2020:** In-house preliminary design; grant submittals
- **Fall 2020:** Project area specific topographic survey (validate preliminary design)
- **Beginning 2021:** (12-18 months): Environmental assessment and regulatory permitting process
- **Spring 2022:** Diablo Road/ Fairway Drive crossing treatment design began
- **October 2022:** Release Mitigated Negative Declaration (MND) of Environmental Significance (45-day comment period)
- **Winter 2023:** Final Design
- **Summer 2023:** Bid process and construction

