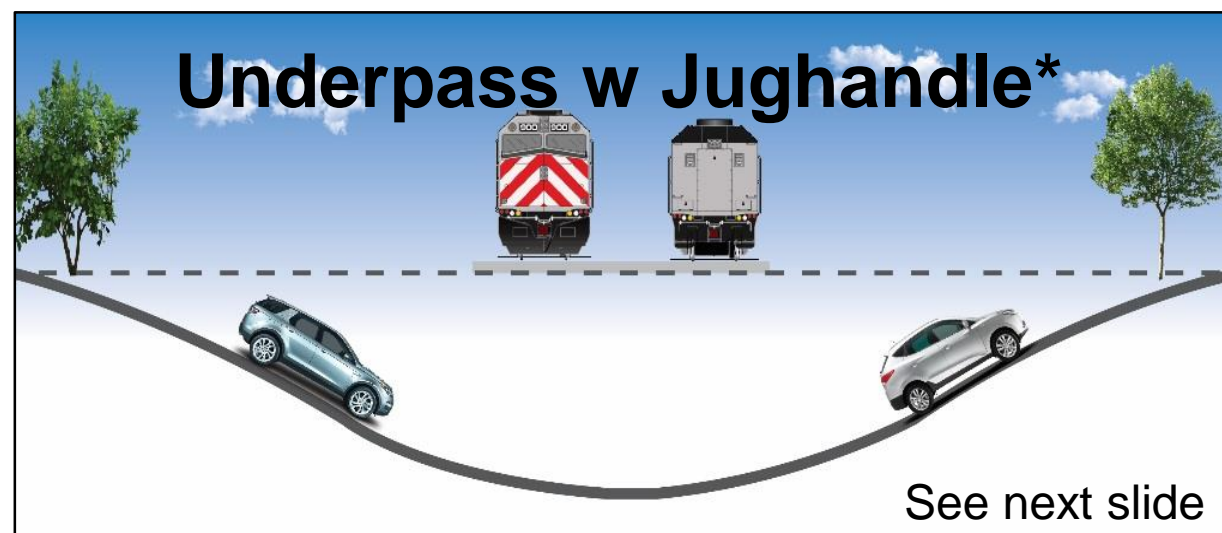
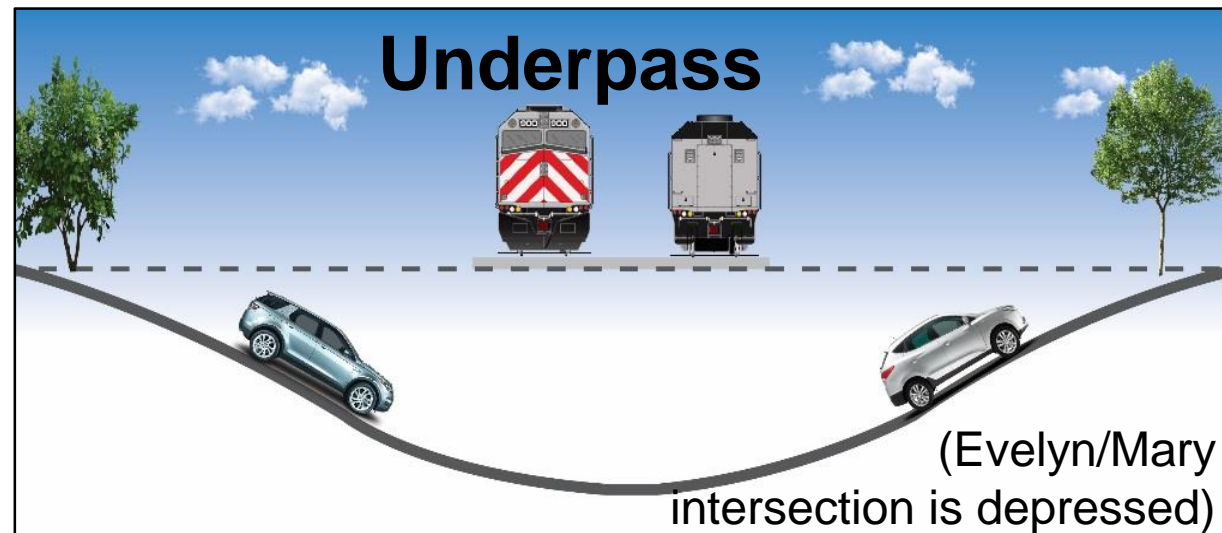




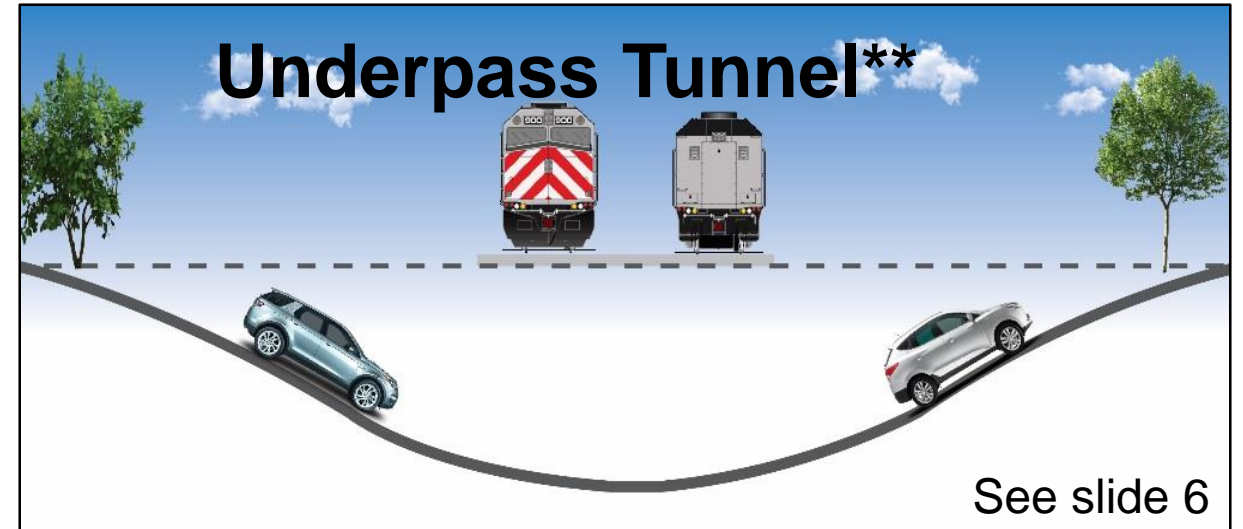


# Options Recommended Under Original Scope

## Mary Avenue



## Sunnyvale Avenue





## \* Mary Avenue Underpass with Jughandle



- Evelyn Ave remains at grade
- “Jughandle” provides access between Evelyn and Mary Ave



## \*\* Sunnyvale Avenue Underpass Tunnel



- Evelyn Ave and Hendy Ave remain at grade

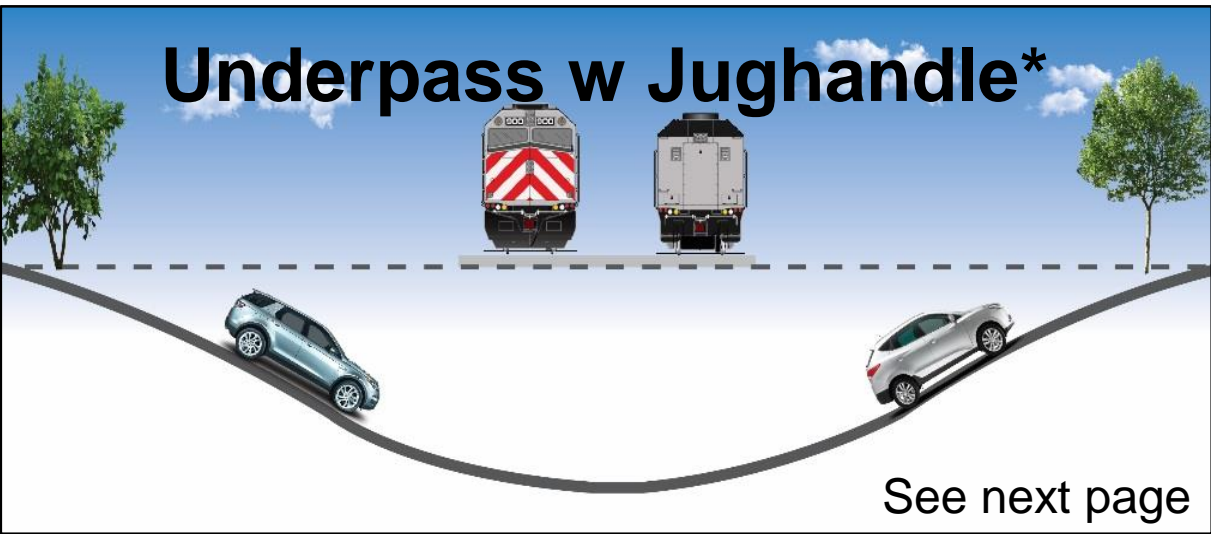
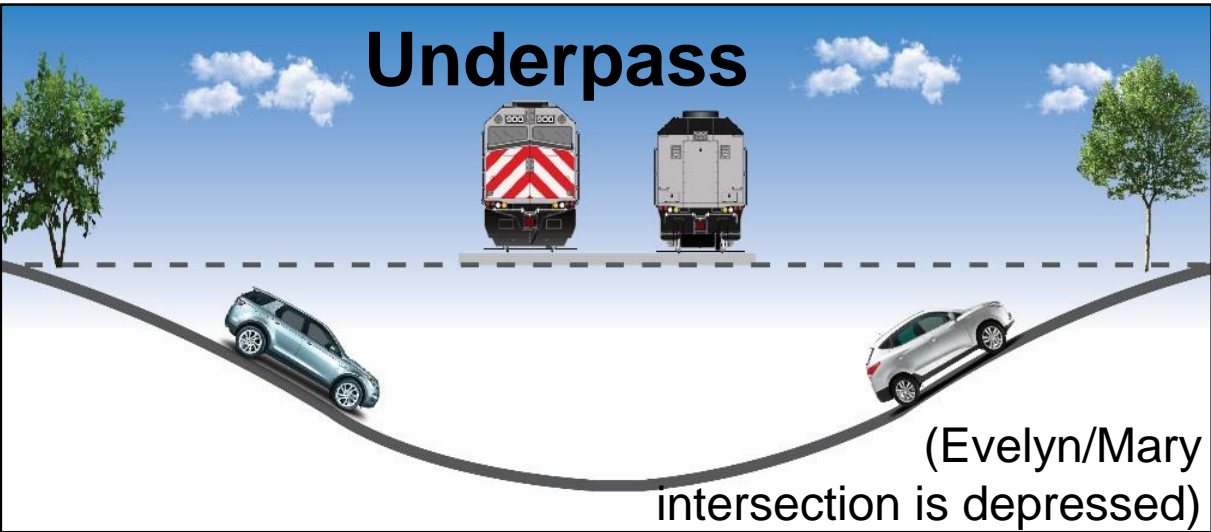


# Options Under Consideration with Additional Scope

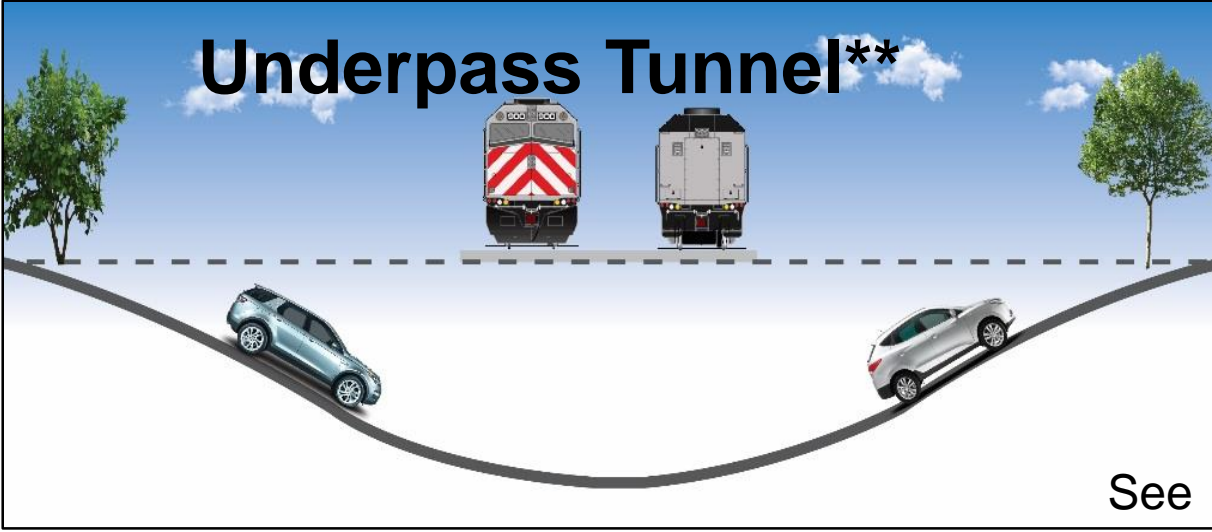
Accommodated in  
Original Scope

Additional  
Scope

Mary Avenue



Sunnyvale Avenue





# Rail Depression

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4<sup>th</sup> St at Clay St, Oakland (Flickr user Andy Tucker)



VTA Light Rail at Diridon Station, San Jose



Ohlone Park, Berkeley (Google Maps)



# Summary of Options

	Option	Cost (\$M)	Construction Duration (years)
<b>MARY AVE</b>	Underpass	150-200	2
	Jughandle	100-150	2
	<i>Depressed Rail</i>	<i>600-700+</i>	<i>4</i>
<b>SUNNYVALE AVE</b>	Underpass Tunnel	180-250	2
	Ped/Bike Undercrossing	40-60	2
	<i>Depressed Rail</i>	<i>600-700+</i>	<i>4</i>

# Staff Summary of Alternatives

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## **Alternative 1: Authorize Additional Scope to Further Study Rail Depression**

- Keep open and further analyze options
  - Better understand and communicate impacts with community members
  - Fully vet Rail Depression impacts
  - Explore creative funding options
- Potentially improve negotiating position for funding
- Cost of early stage study compared to total project cost

## **Alternative 2: Do Not Authorize Additional Scope to Further Study Rail Depression**

- Rail Depression alternatives are challenging
  - High cost
  - Construction impact on Caltrain
  - Hendy closure and Evelyn one-lane operation for 4 years
- Focus on options with higher engineering & financial feasibility
- Cost of additional scope is significant



Thank You!



Sunnyvale