Welcome – Please Read and Get Ready

Stakeholder Working Group Members

- You are participating as a panelist and visible on video.
- We are beginning the meeting with everyone on mute.
- We recommend that you view in “Gallery View” to see the project team and panelists.

Members of the Public

- You are participating as a webinar attendee. You are muted and not visible to others.
- If you have comments, the host will call on you and unmute you during the public comment time.

For All

- If you cannot hear the host or have technical issues, use the **Chat** to Host and we will try to address the issue.
- If at any point, the right part of a slide is cut off, hit escape or close and reopen your “Chat” window or your “Participants” window.

Transportation Authority of Marin

Northbound US-101 to Eastbound I-580 Direct Connector

Stakeholder Working Group Meeting #2
July 21, 2020

ZOOM Protocols & Meeting Guidelines

Zoom Meeting Protocols

- Everyone will be put on **Mute** to reduce background sounds. Meeting Host will unmute you when it is your turn to speak.
- During Presentations
  - The team will organize and moderate **clarifying questions** about presentation content.
  - Everyone: Use the **Chat to Panelists** feature to ask clarifying questions.
  - If you have **comments about the project**, please hold them until discussion or public comment.
- During Discussion
  - Stakeholder Working Group members can **Raise Hand** to ask questions/make comments.
- During Public Comment
  - Public participants can **Raise Hand** to provide comments.

Meeting Guidelines

- Please be concise, this is a challenging format for discussion
- Be honest and constructive, build on the ideas of others

Purpose and Agenda For Today

Purpose

- Present additional information on initial alternatives
- Hear SWG initial thoughts and comments
  - Benefits and concerns about alternatives
  - Additional information needed to inform discussion
- Prepare for further discussion at next meeting

Agenda

- Welcome and Introductions
- What We Heard in SWG Meeting #1
- Project Recap
- Key Features of Initial Alternatives
  - 7 alternatives
  - Introduction to Bellam Boulevard potential improvements
  - SWG discussion
- Public Comment
- Topics for SWG Meeting #3

Marin 101-580 Team

Transportation Authority Marin

- Anne Richman, Executive Director
- Dan Cherrier, Principal Project Delivery Manager
- Connie Fremier, Project Manager
- Molly Graham, Public Outreach Coordinator

Consulting Team

- Chadi Chazbek, Project Manager, Kimley-Horn
- Sean Mayer, Deputy Project Manager, Kimley-Horn
- Charles Gardiner, Facilitator, Catalyst Group
- Mary Currie, Outreach Manager, Catalyst Group

Stakeholder Working Group

Joanne Webster	Business	San Rafael Chamber of Commerce
Dave Troup	Transit Rider	Bus Passenger Advisory Committee
Betsy Swenerton	Community	Bret Harte Community Assoc
Jim Rosenfield/Libby Schenkel	Business	Marin Country Mart
Kate Powers	Environmental	Marin Conservation League
Stephanie Plante	Business	East San Rafael Working Group
Dave Pedroli	Community	San Rafael City Schools
Douglas Mundo	Community	Multicultural Center of Marin
Becky Kitteridge	Commuter	East Bay to/from Larkspur
Wendi Kallins	Environmental	Sustainable Marin
Jon Horinek	Community	College of Marin
Kevin Hagerty	Community	League of Women Voters
Bjorn Griepenburg	Bike & Pedestrian	Marin County Bicycle Coalition
Air Gallegos	Commuter	East Bay to/from San Rafael
Jim Draper	Community	Federation of San Rafael Neighborhoods
Julie Cervetto	Business	Larkspur Chamber of Commerce
Omar Carrera	Community	Canal Alliance
Jerry Belletto/Linda Jackson	Environmental	Sustainable San Rafael
Michele Barni	Community	Pt. San Quentin Village Homeowners Association
DJ Allison	Bike & Pedestrian	San Rafael Bicycle & Pedestrian Advisory Committee

What We Heard at SWG Meeting #1

Important Issues for Consideration

- Circulation, Access and Safety
- Business and Community Impacts
- Traffic
- Public Outreach and Communication
- Environmental
- Coordination with Local Planning Efforts

SWG #1 Meeting Summary

Circulation, Access and Safety

- Enhance access to East San Rafael
- Connection to the North/South Greenway and Canal
- Consider reducing travel lanes on Bellam
- Improve safety for bicyclists and pedestrians, specifically on Bellam
- Emphasize the importance of human scale elements, greenery, public art, wider sidewalks, protected bike lanes

SWG #1 Meeting Summary

Business and Community Impacts

- How well each alternative complements the community and the businesses of that area.
- Central San Rafael and East San Rafael are impacted by the freeways bisecting the community, especially the Canal which is bisected by both freeways and how to address historical inequities.
- Many of the alternatives create additional viaducts and crossings in the community.
- Want to understand the balance of environmental, aesthetics, and impacts to communities and how these elements will be evaluated.

SWG #1 Meeting Summary

Traffic

- What is going to move traffic to best alleviate the northbound 101 traffic?
- Potential impacts of alleviating traffic on SFD to businesses at Country Mart.
- Prevent traffic backing up at the connector with the slow speed alternatives.
- Concerned about the capacity and how it may backup 101/Sir Francis Drake.
- Is the log jam just moving another 50 feet or will it allow traffic to flow?
- Can the RSR bridge handle the traffic even with 3 lanes?
- Will there be confusion with two off ramps – 580 and Bellam?
- Expected differences in travel time for each alternative are key.
- How to communicate to drivers to use the connector.
- Design a seamless off ramp to Bellam – separate local and regional traffic there.

SWG #1 Meeting Summary

Public Outreach and Communication

- Help everyone to envision this can be an asset to improve safety, reduce congestion and provide environmental benefits, including tree planting to sequester carbon
- Provide more information about the communications process.
  - Besides the SWG, what is the outreach to communicate with neighborhoods and businesses to get their input on the various stages of the project?
  - Will communication be done in languages other than English?

SWG #1 Meeting Summary

Environmental

- Concern about 1A/1B as it cuts through the only swath of open space/land in the area.
- How to balance environmental and aesthetics versus new structures

Coordination with Local Planning Efforts

- Pay attention to other plans and projects happening around this project. How are or could each of the projects complement each other?
- Many issues to solve – housing, sea level rise, inequity – look at how this project can support these three issues.
- Connect with other groups working in these spaces to ensure the projects complement each other and don't create more issues.
- Recommends coordinating outreach with the local planning efforts.

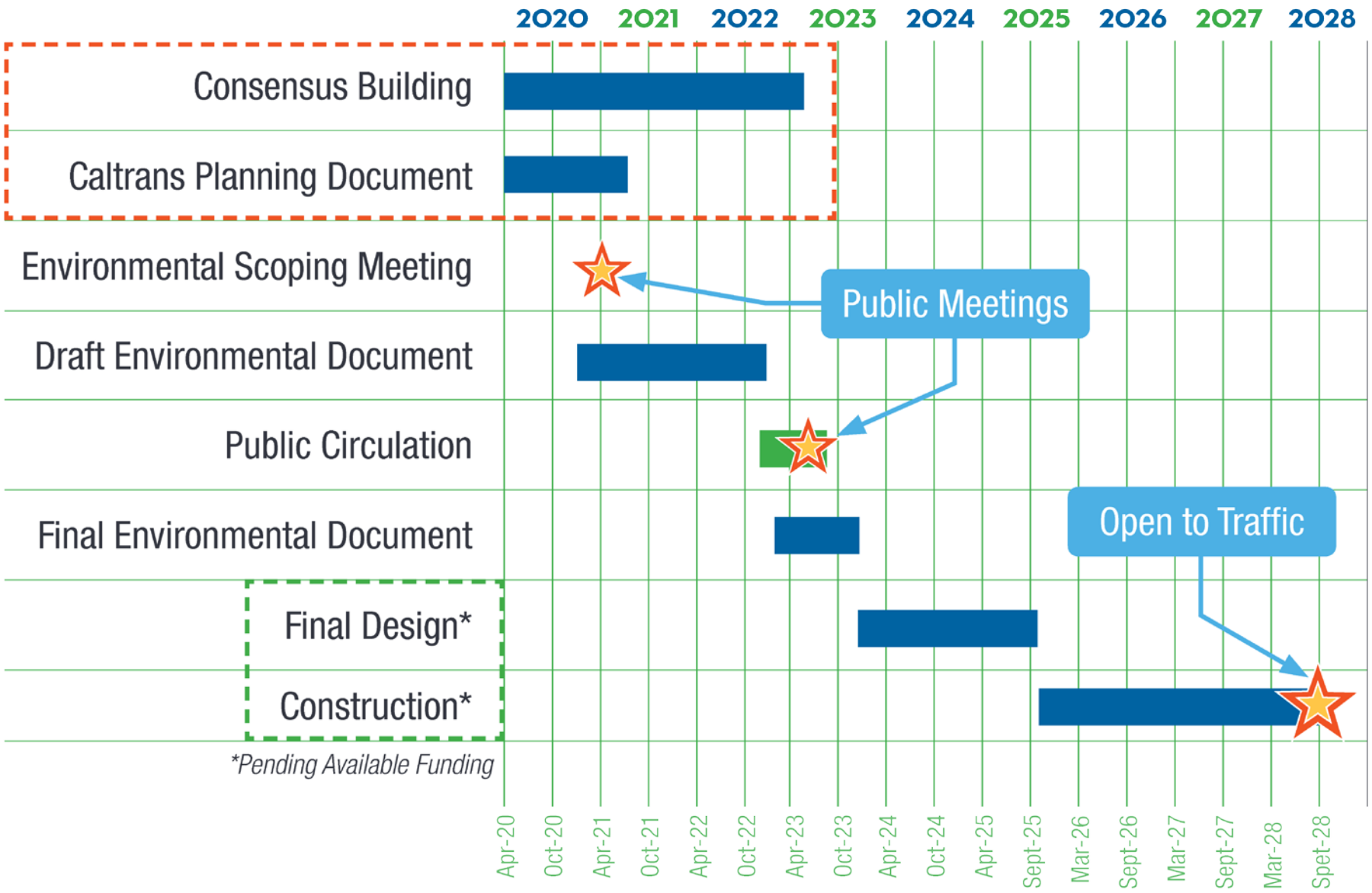
Project Recap

Marin NB 101 to EB 580 Direct Connector

Project Goals and Objectives

- Build a new freeway-to-freeway connection between NB US 101 and EB I-580 to improve connectivity for regional traffic
- Improve operational efficiencies between NB US 101 and the Richmond-San Rafael Bridge
- Separate local traffic from regional pass-through traffic
- Reduce local traffic congestion
- Enhance the active transportation network within the project area – bicycle, pedestrian, and bus transit

Targeted Project Schedule



Initial Consensus Building Schedule

Develop, Analyze, and Refine Preliminary Alternatives

Caltrans Project Initiation Document (PID)

SWG Meetings

June 2020	July 2020	Aug 2020	Fall 2020	Spring 2021	Summer/Fall 2021
	Present Alternatives	Alternatives Assessment	Alternatives Screening		

Community Engagement

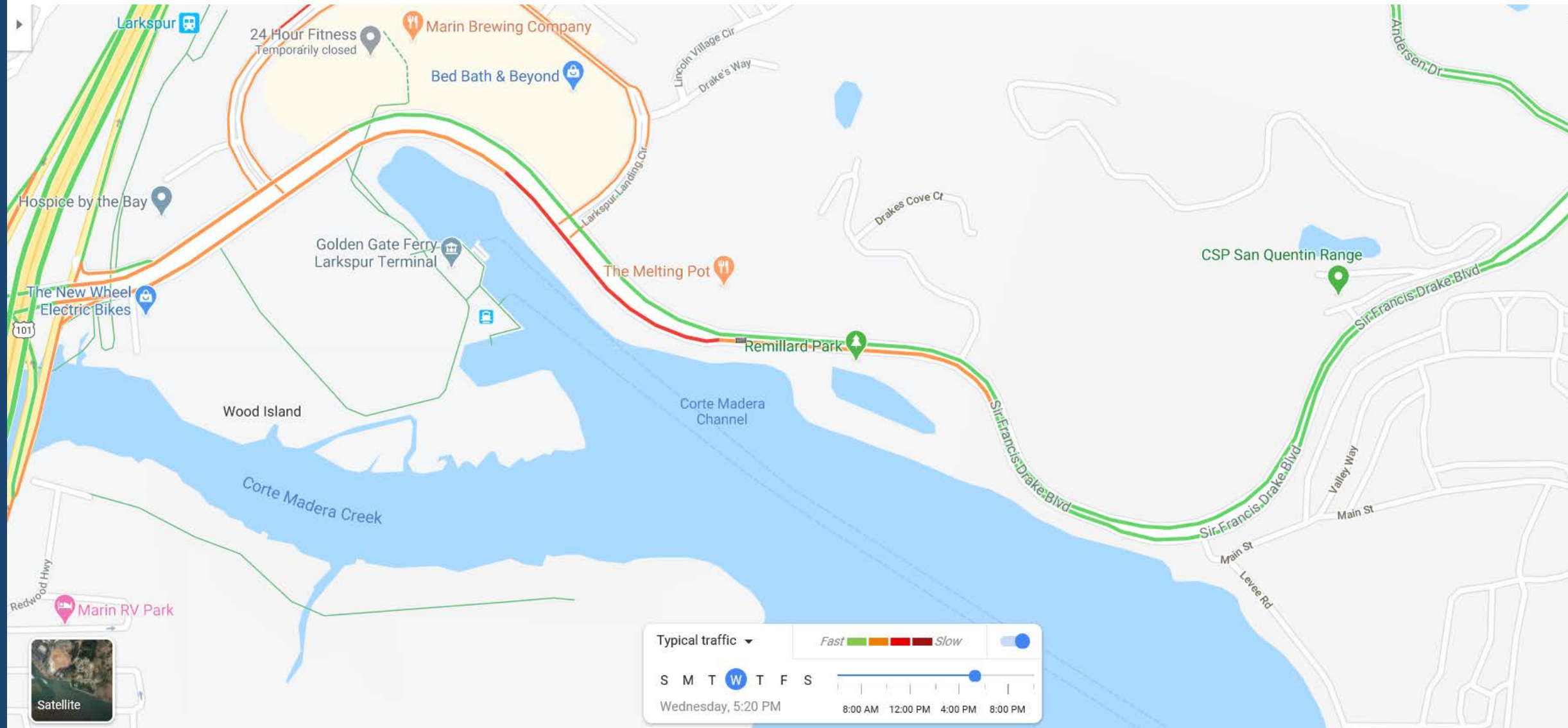
- Outreach and consensus building over the duration of the project
- Four Committees:
  - Ad Hoc Committee (Quarterly)
  - Executive Steering Committee (Six meetings per year)
  - Technical Advisory Committee (Monthly)
  - **Stakeholder Working Group**
- Briefings and one on one meetings prior to Environmental Phase
- Community meetings during Environmental Phase
- Website, factsheets, and other online material
- Translation into Spanish and Vietnamese

Initial Project Alternatives

Existing Conditions

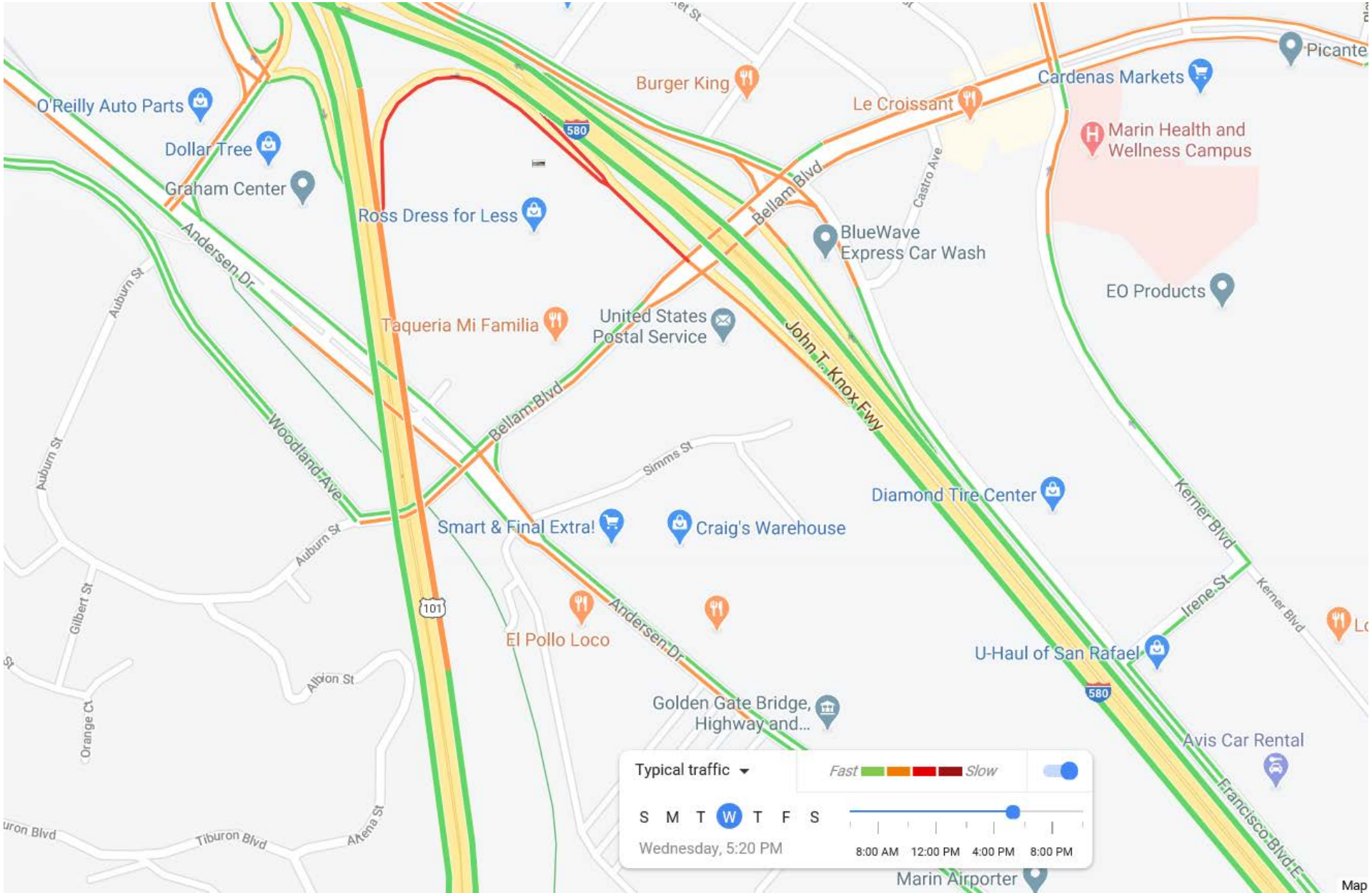
NB US 101 to EB I-580 Direct Connector Project

Typical Sir Francis Drake Blvd Afternoon Traffic Congestion



Lane Drop at Sir Francis Drake Blvd

Typical Bellam Blvd Afternoon Traffic Congestion



I-580 Off-ramp to Bellam Blvd

Existing and Future No Build Travel Times From Tamalpais Dr to RSR Bridge

(Subject to Change)

Through Bellam Blvd

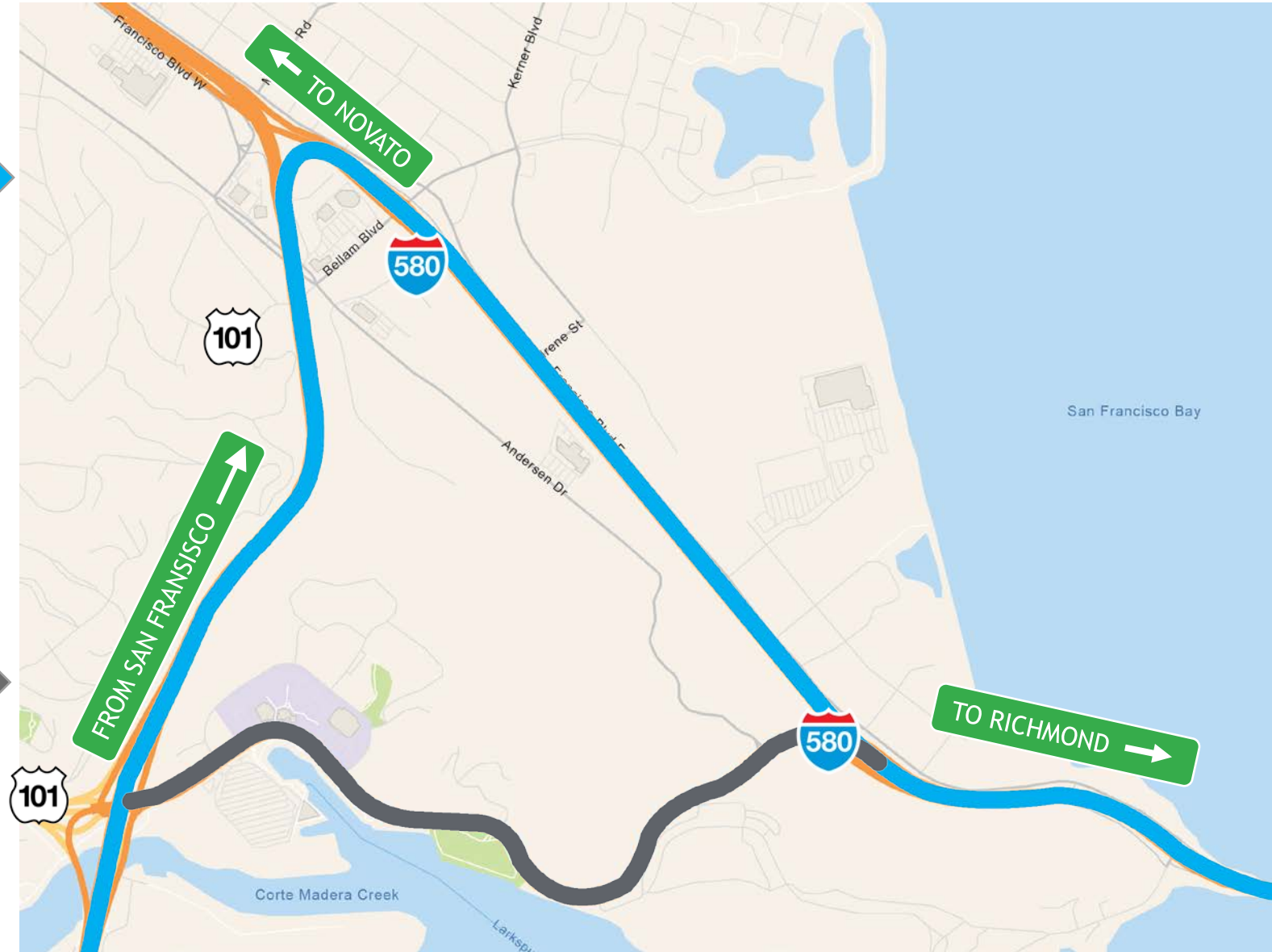
Existing: 7.6 min

2040 No-Build PM: 15.7 min

Through Sir Francis Drake

Existing: 7.0 min

2040 No-Build PM: 14.9 min

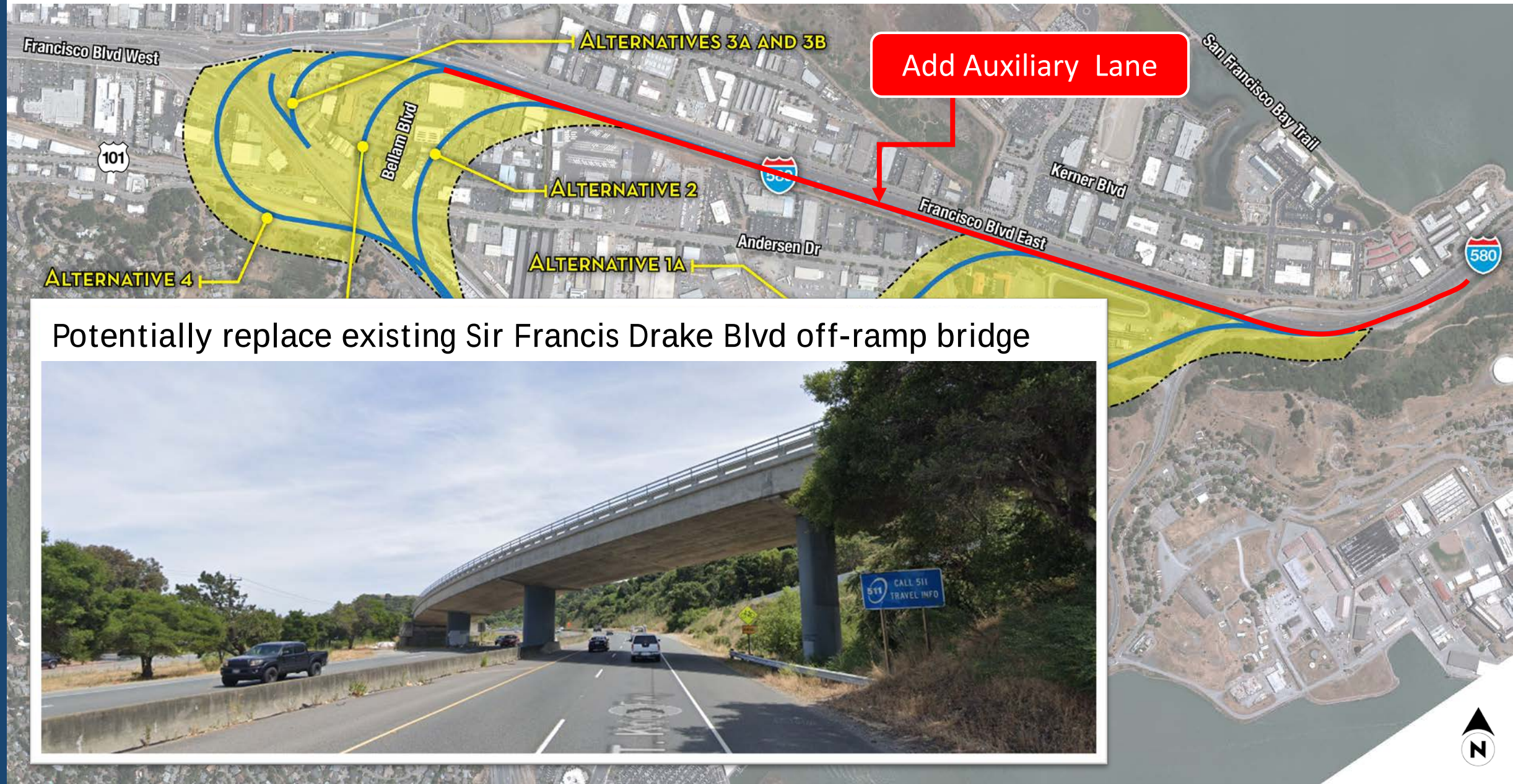


Existing Signage

Initial Alternatives Considered

Connect auxiliary lane to existing third lane on the RSR bridge

Initial Alternatives Considered



Potentially replace existing Sir Francis Drake Blvd off-ramp bridge

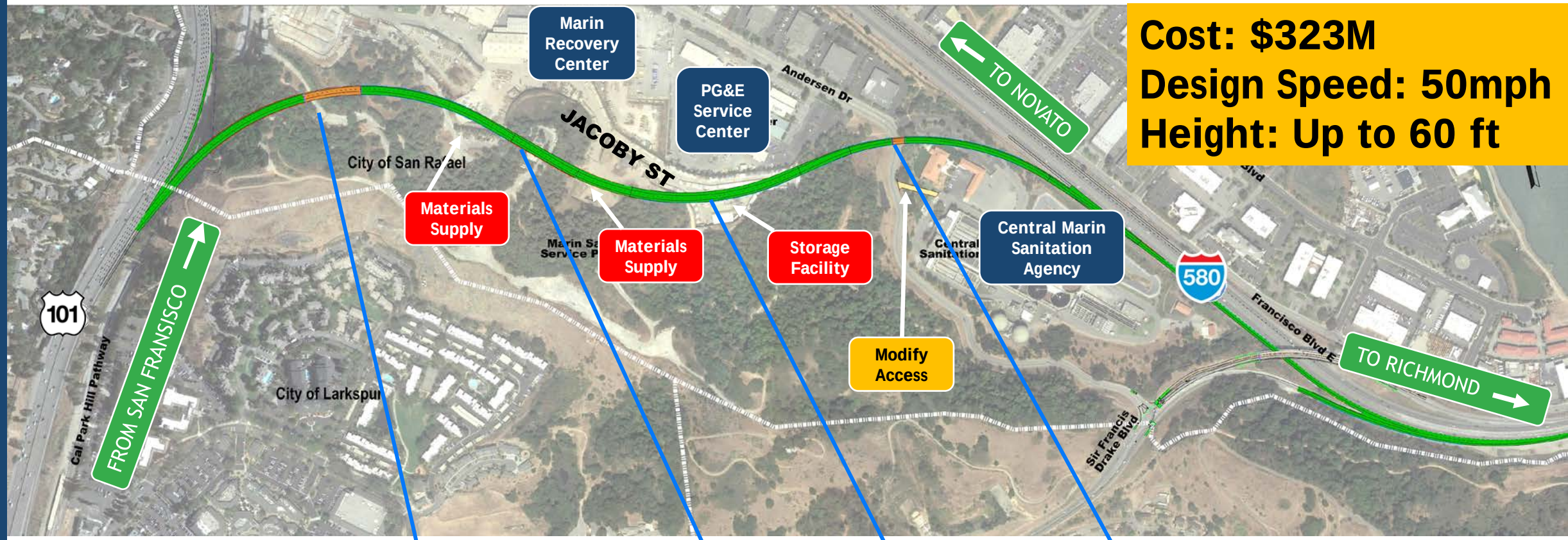
Alternatives Overview

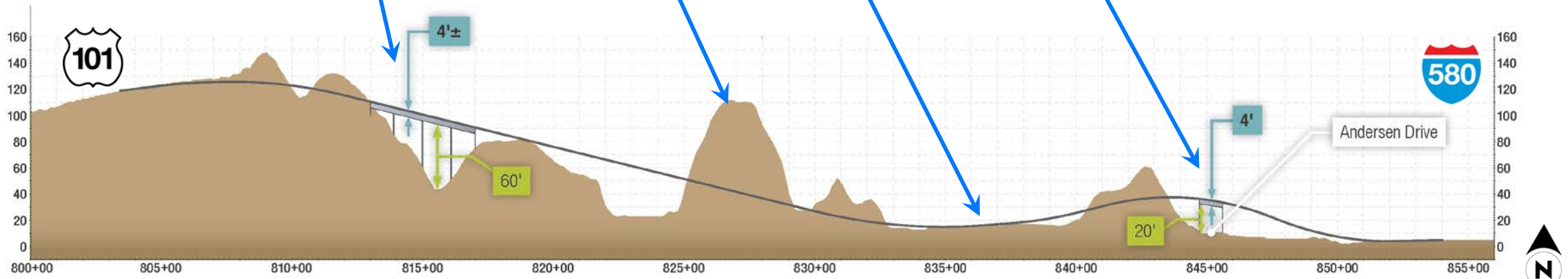
Alternatives	Naming	Design Speed (mph)	Preliminary Cost
1A	Hillside A	50	**$ 323M**
1B	Hillside B	50	**$ 446M**
2	Simms St	45	**$ 174M**
3A	Low Speed A	35	**$ 131M**
3B	Low Speed B	35	**$ 104M**
4	Swing Out	35	**$ 214M**
5	Medium Speed	40	**$ 179M**

* Available Funding: $135M in RM3 Funds

Alternative 1A – Hillside A

Cost: $323M
Design Speed: 50mph
Height: Up to 60 ft





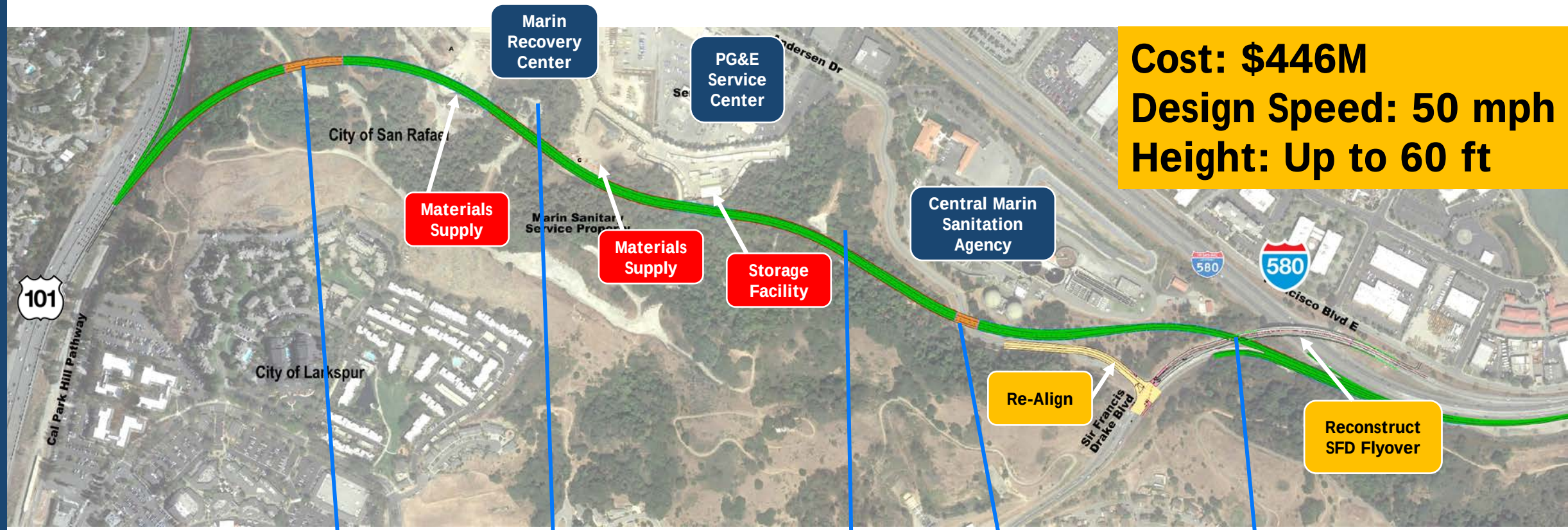
Vertical scale is exaggerated 10:1

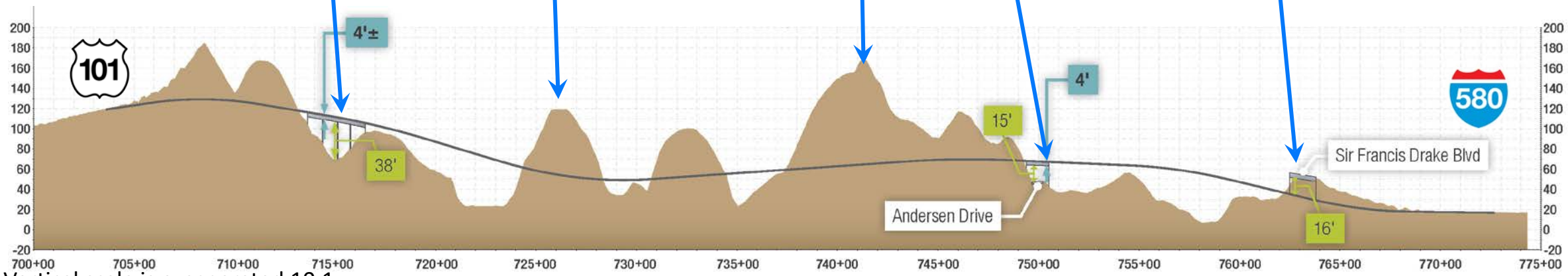
Alternative 1A: Bird's Eye View

Alternative 1A: Bird’s Eye View

Alternative 1B

Cost: $446M
Design Speed: 50 mph
Height: Up to 60 ft





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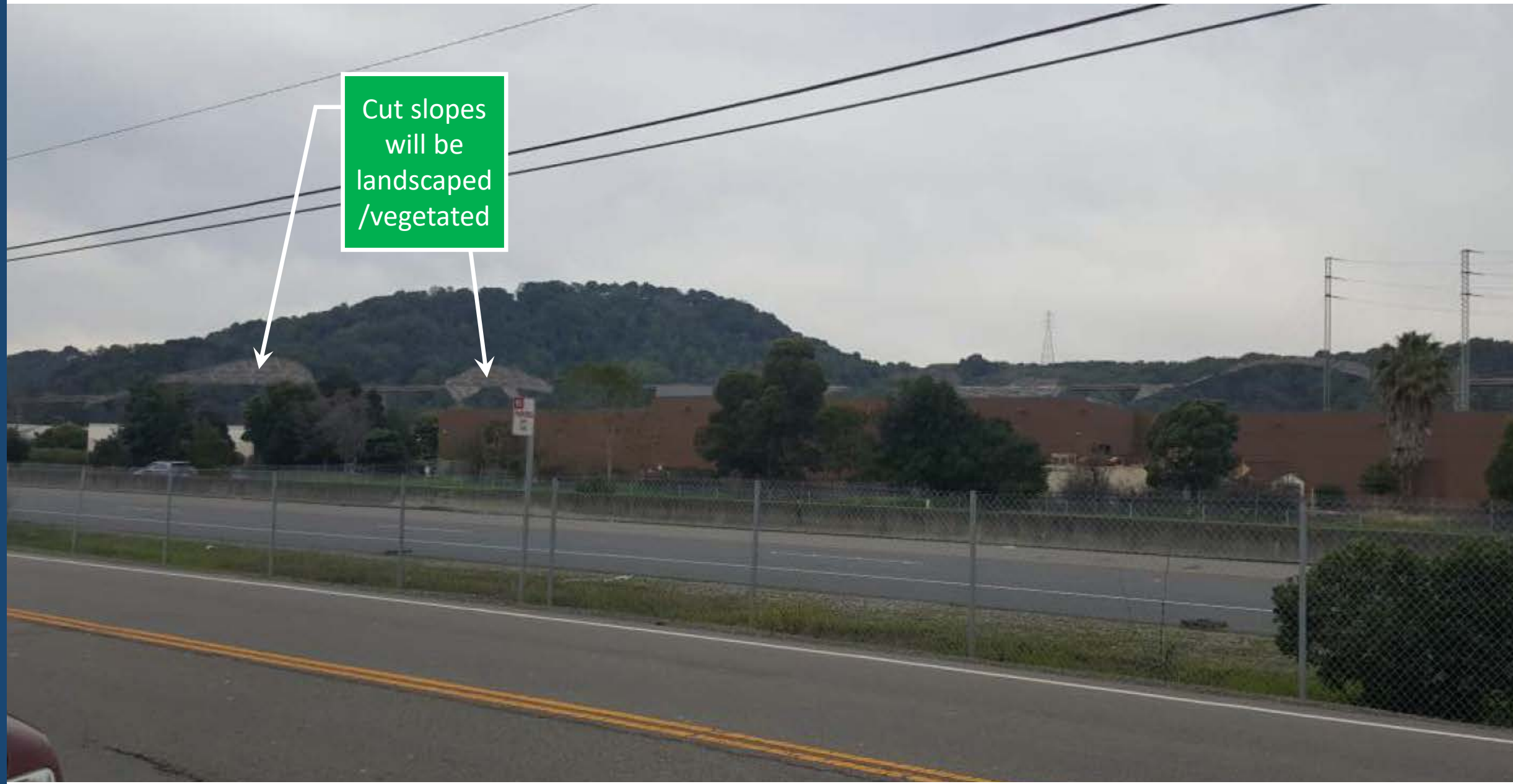
Alternative 1A/1B View at Exit from NB US 101

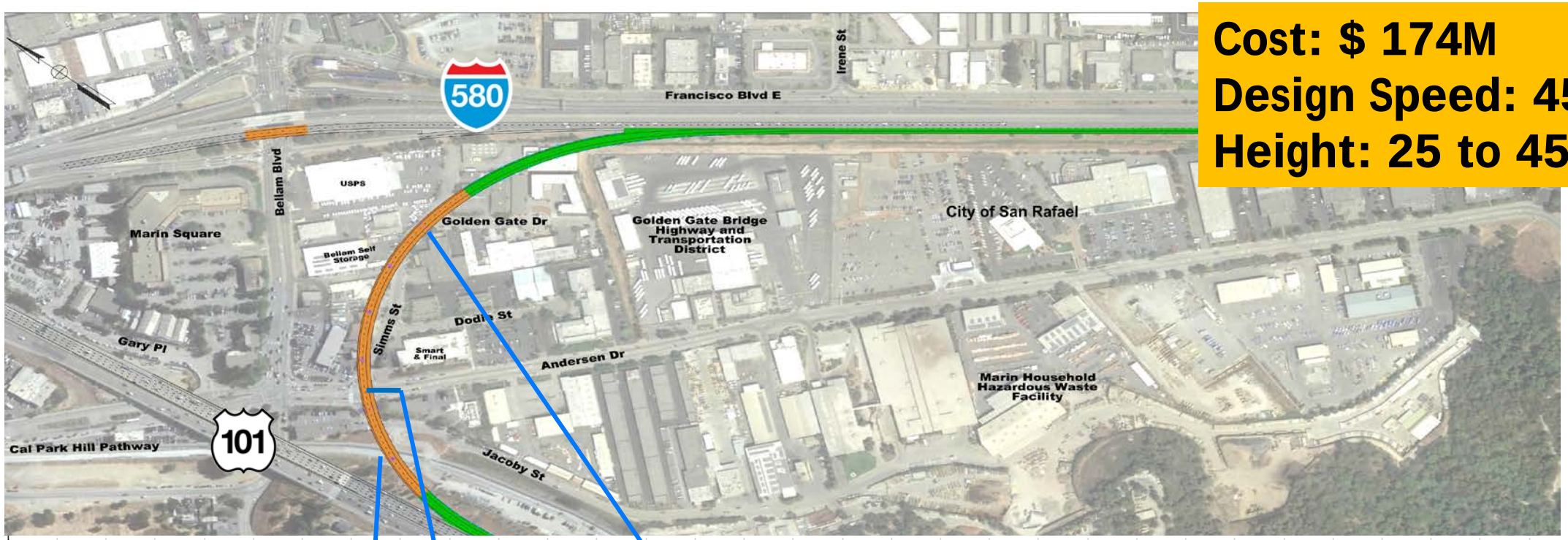
Alternative 1B Bird's Eye View

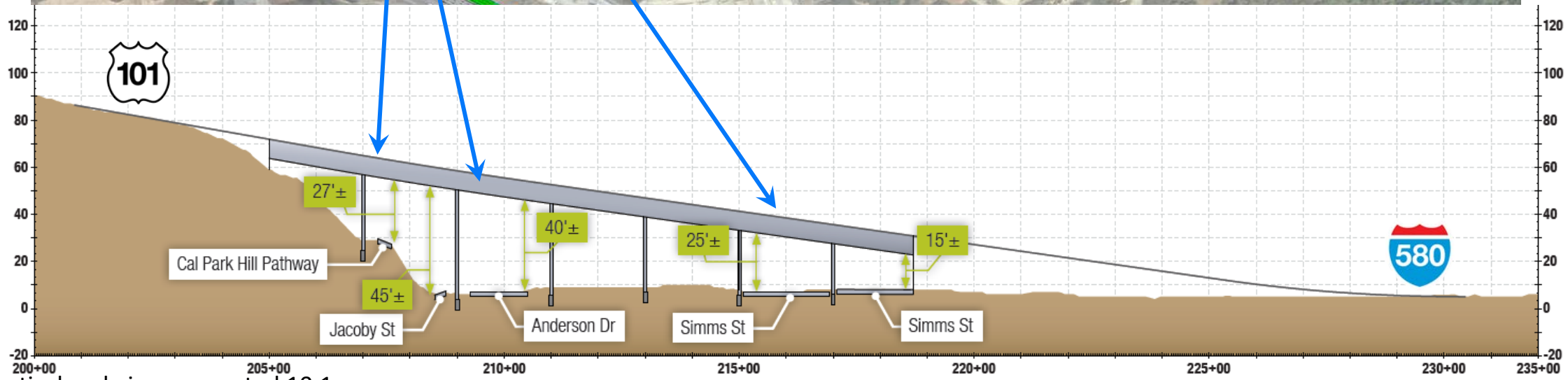
Alternative 1B View from E. Francisco Blvd



Alternative 2 – Simms St

Cost: $ 174M
Design Speed: 45 mph
Height: 25 to 45 Ft





Vertical scale is exaggerated 10:1

Alternative 2 View Cal Park Path

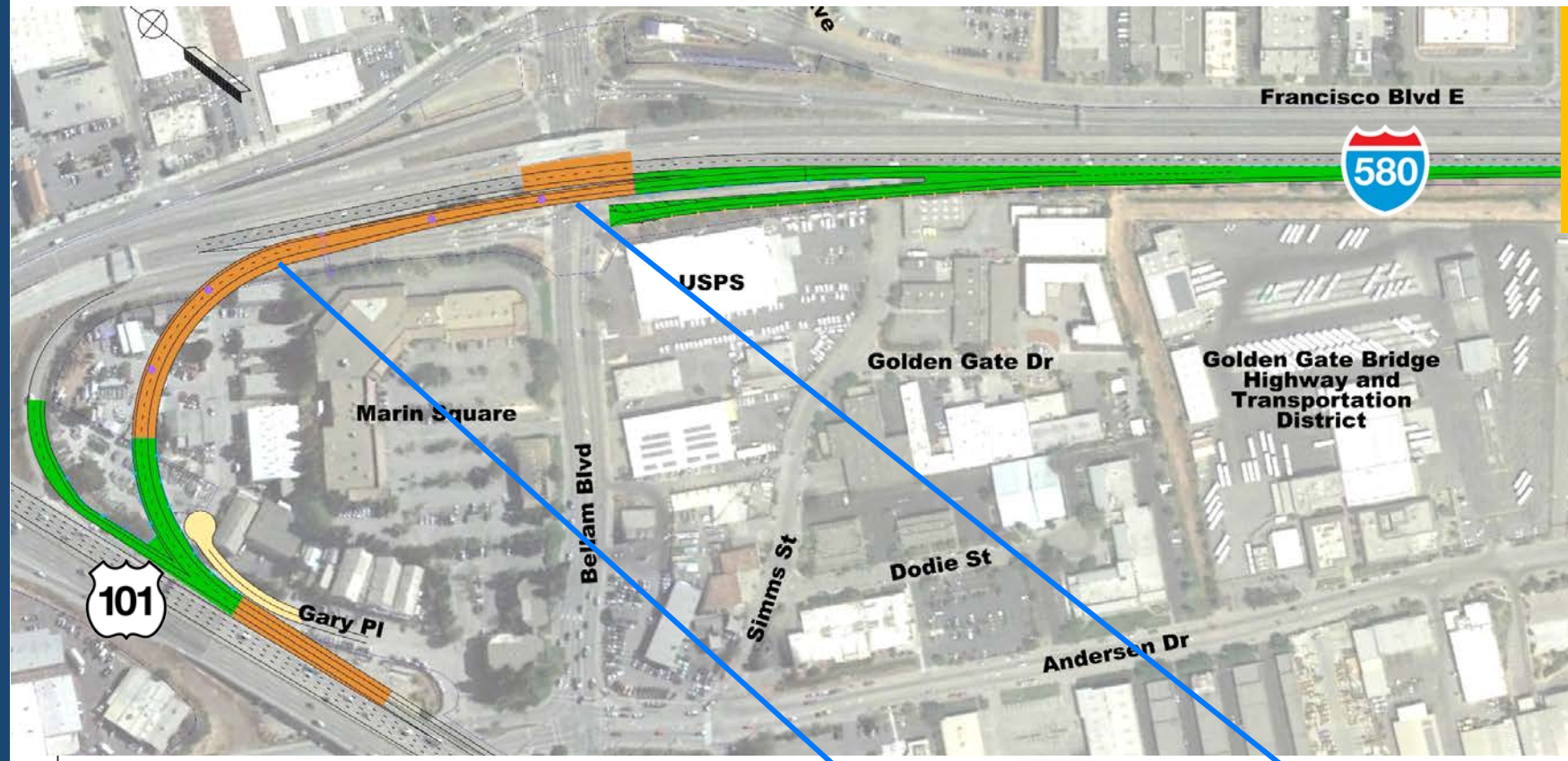
Alternative 2 View from Hill Side West/South of US 101

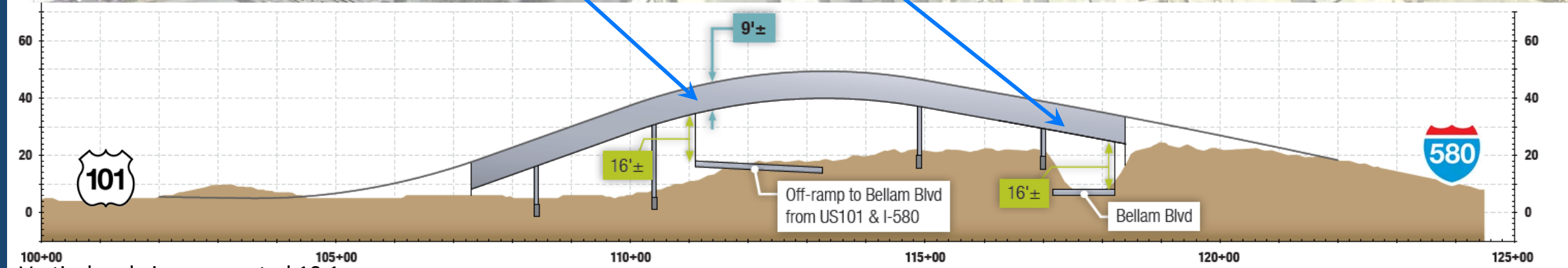
Alternative 2 View from Andersen/Bellam Intersection

Alternative 2 View from Simms St (Looking West)

Alternative 3A – Low Speed A

Cost: $131M
Design Speed: 35 mph
Height: Up to 25 ft





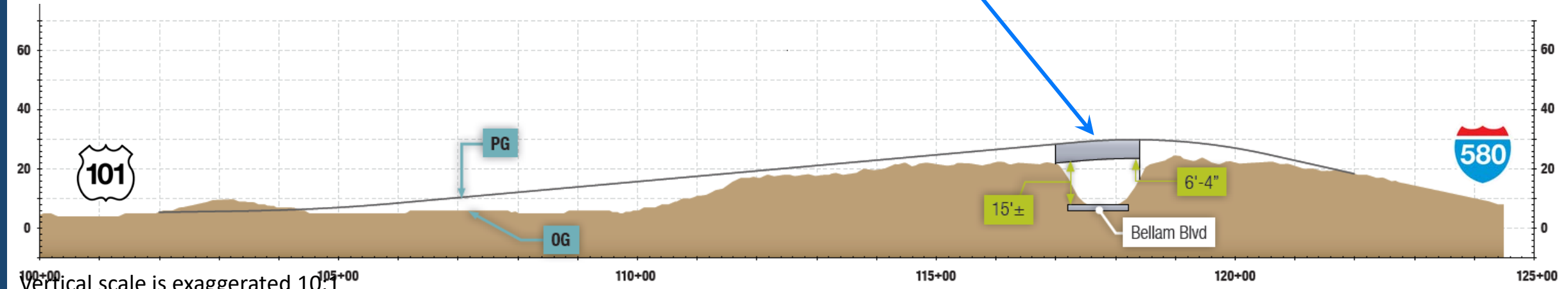
Vertical scale is exaggerated 10:1

NB US 101 to EB I-580 Direct Connector Project

Alternative 3A Rendering

Alternative 3B – Low Speed B

Cost: $104M
Design Speed: 35 mph
Height: Up to 22 ft



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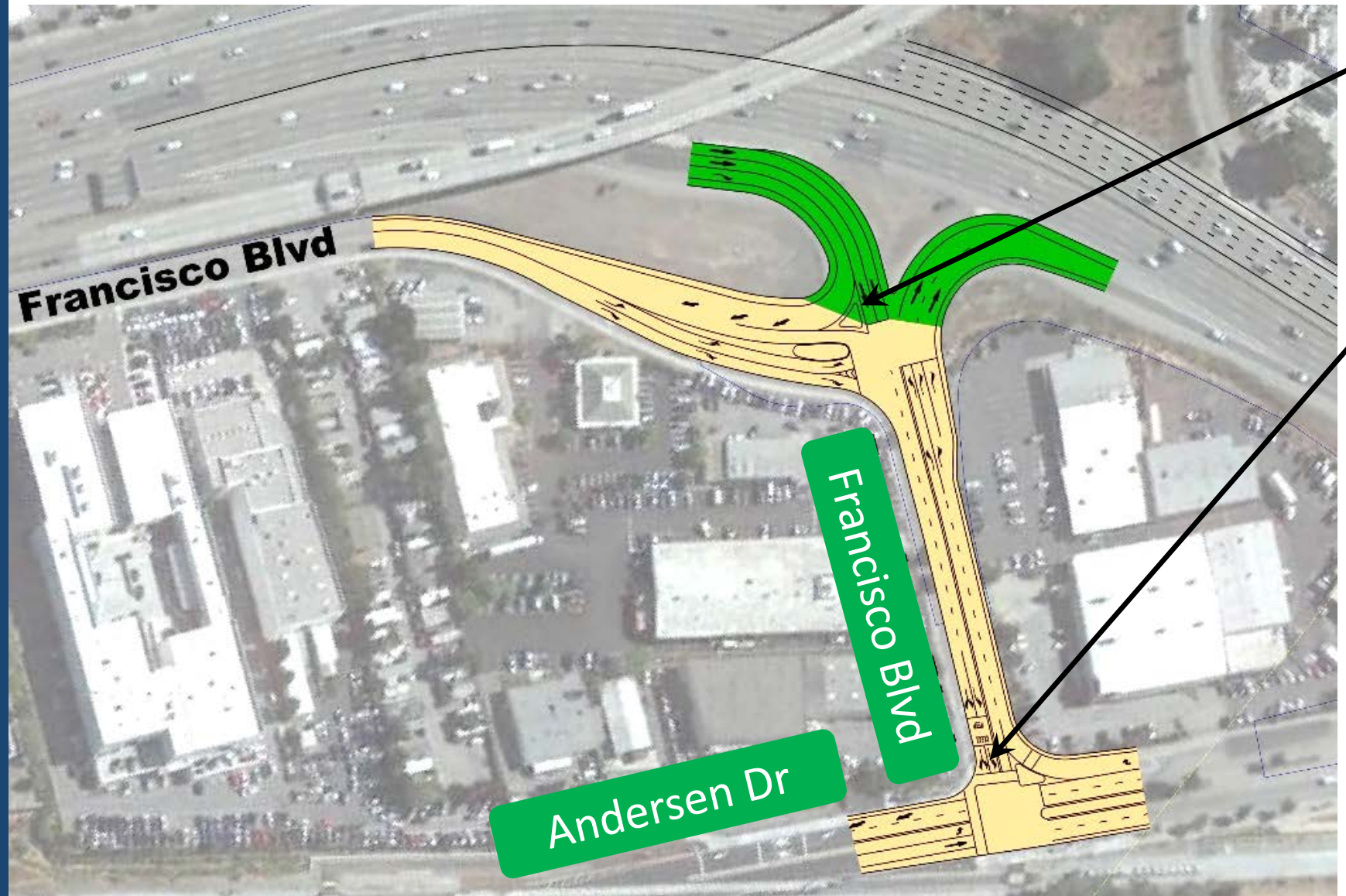
Alternative 3B Rendering

Alternative 3B – Closing EB 580 off-ramp to Bellam

Alternative 3B – Modifying Francisco Blvd W



- Modify ramp terminus to two through lanes
- Re-stripe Francisco Blvd to allow dual left lanes

- Closing 580 off-ramp @ Bellam would increase travel time

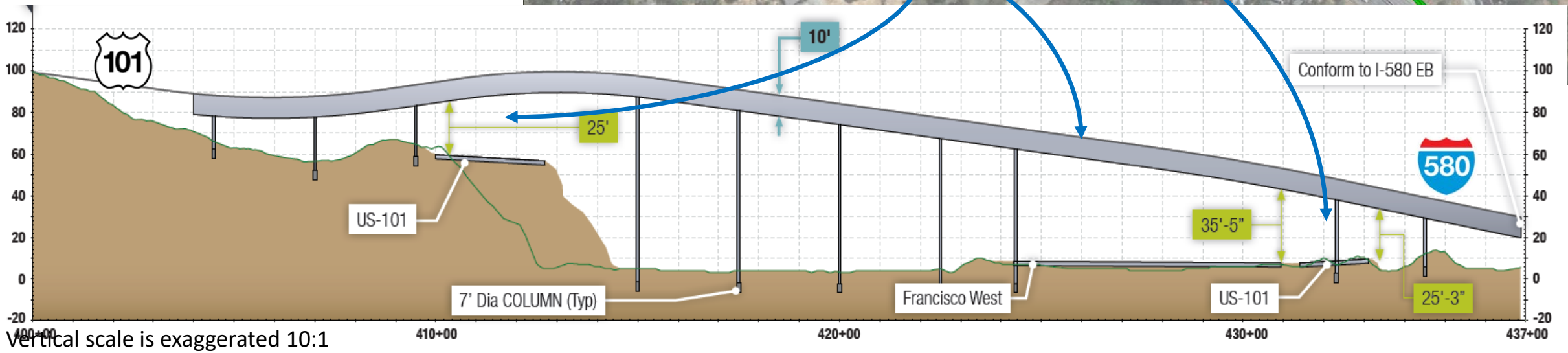
Alternative 3B – Re-routing to Francisco Blvd W

Alternative 4 – Swing Out

Close 580 off-ramp to Bellam

Cost: $214M
Design Speed: 35 mph
Height: 90 to 100 ft

Maintain NB US 101 off-ramp to Bellam



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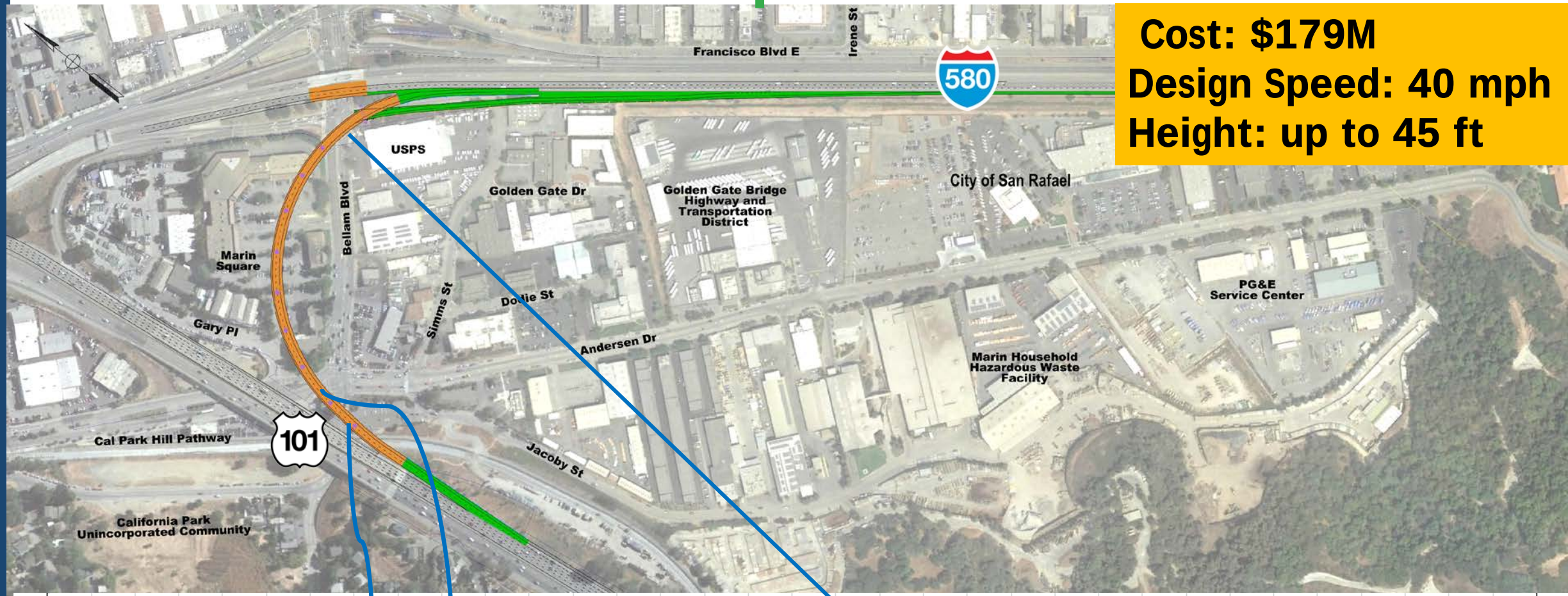
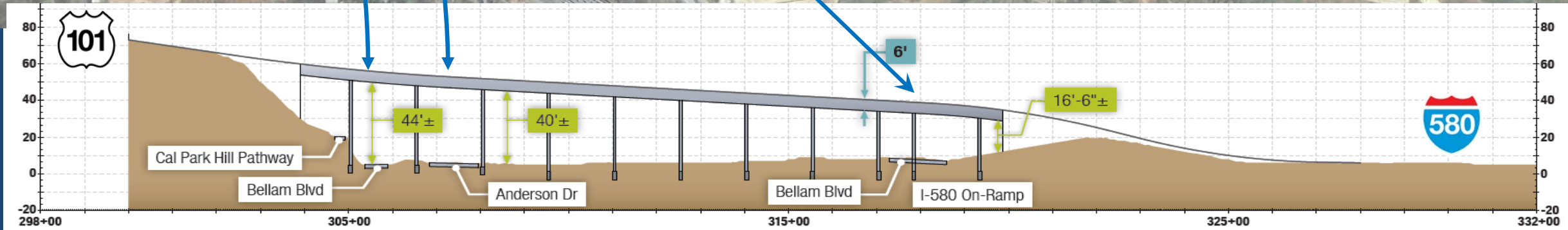
Alternative 5 – Medium Speed

Cost: $179M
Design Speed: 40 mph
Height: up to 45 ft





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Preliminary 2040 PM Travel Time – Alternative 1A From Tamalpais Dr to RSR Bridge

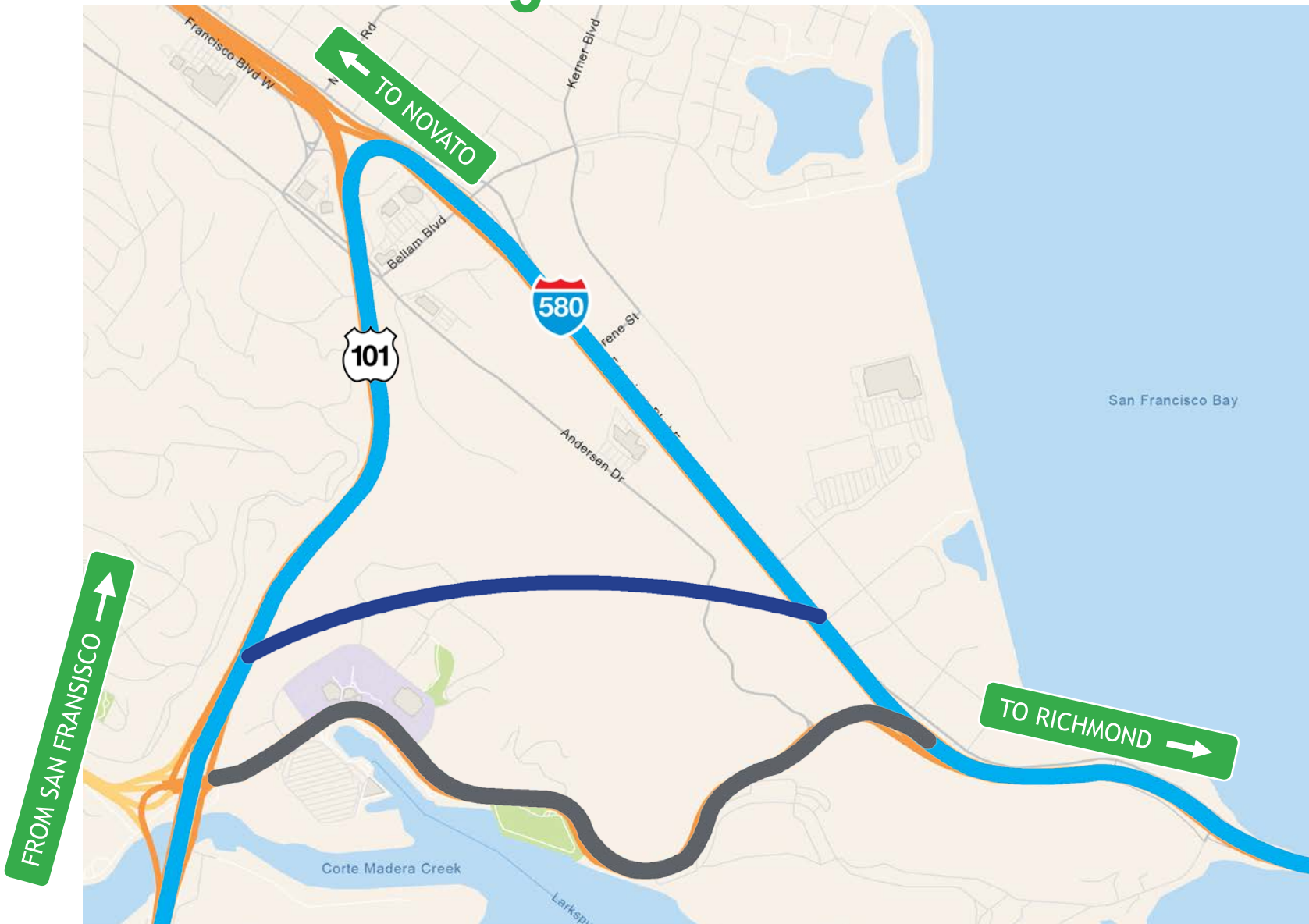
(Subject to Change)

No-Build:
SFD: 14.9 min
Bellam: 15.7 min

Build:
Bellam: 12.3 min

Direct Connector:
5.3 min

SFD: >9.7 min



Preliminary 2040 PM Travel Time – Alternative 3A From Tamalpais Dr to RSR Bridge

(Subject to Change)

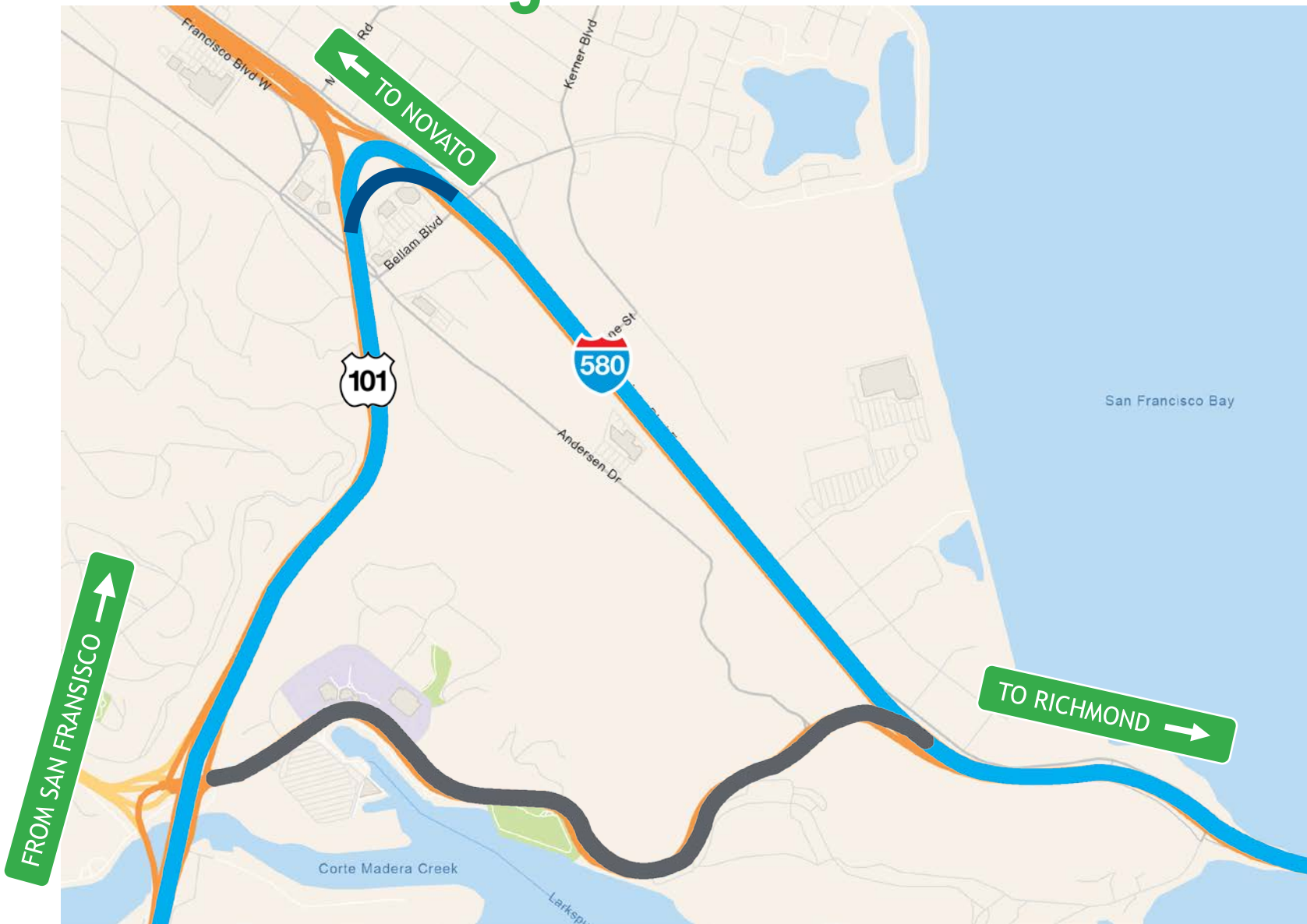
No Build:
SFD: 14.9 min
Bellam: 15.7 min

Build:

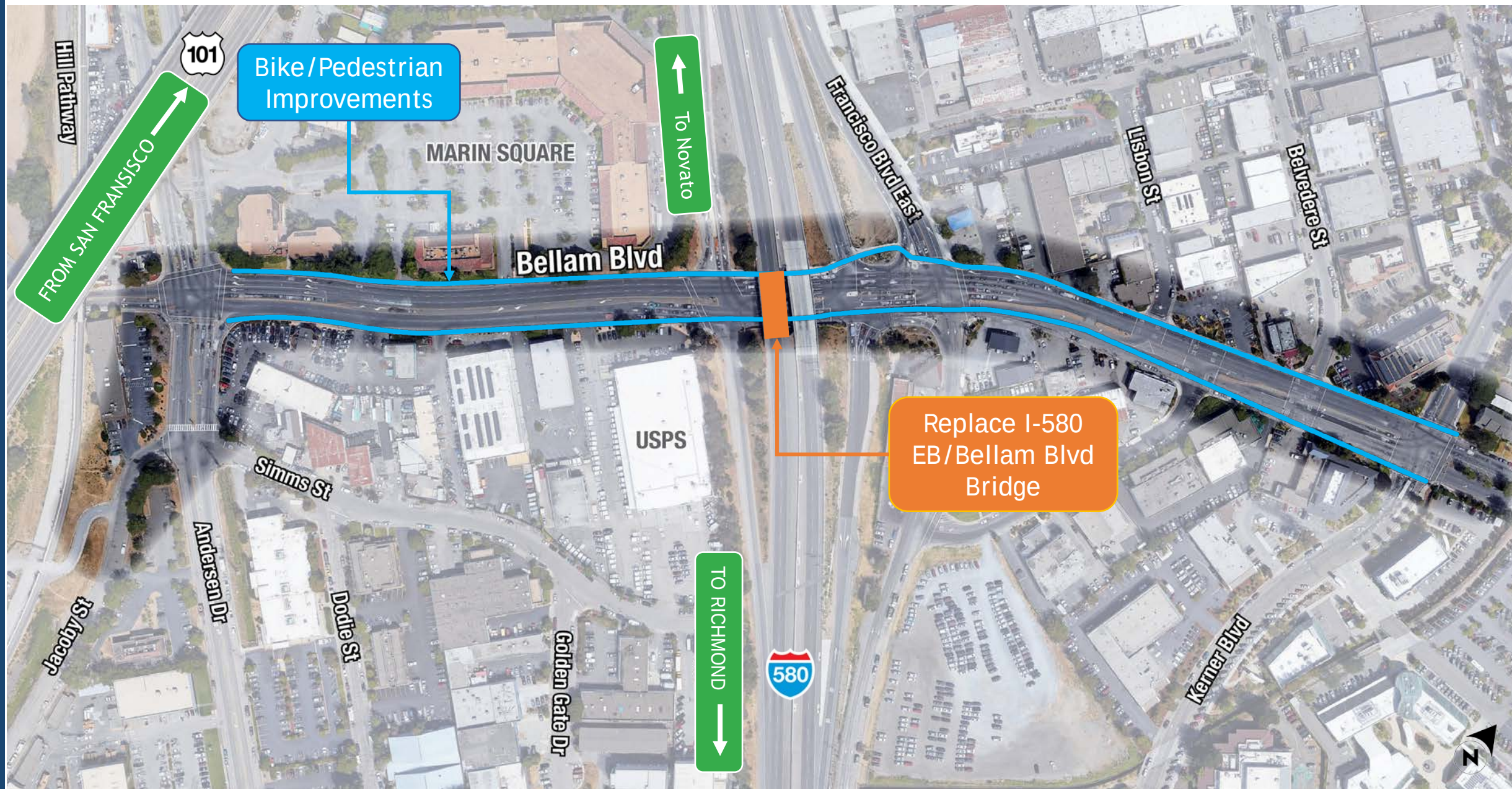
Bellam: 10.6 min

Direct Connector:
7.6 min

SFD: >10.4 min



Potential Bellam Boulevard Improvements



Existing Column Under I-580 EB Bridge

Proposal to Match Single Span I-580 WB Bridge

Alternatives Summary Slide

Alternatives	Naming	Design Speed (mph)	Cost	Distance (miles) Tamalpais Dr to RSR
1A	Hillside A	50	**$ 323M**	3.74
1B	Hillside B	50	**$ 446M**	3.66
2	Simms St	45	**$ 174M**	4.22
3A	Low Speed A	35	**$ 131M**	4.60
3B	Low Speed B	35	**$ 104M**	4.60
4	Swing Out	35	**$ 214M**	5.07
5	Medium Speed	40	**$ 179M**	4.38

Initial Alternatives Considered

SWG Member Discussion

Initial Thoughts on Alternatives Benefits and Concerns

- System Connectivity and Traffic Operations
- Visual and Environmental Issues
- Neighborhood, Property and Business Impacts
- Local Connectivity (bike/ped/transit and neighborhood plans)

What Additional Information or Evaluation?

- Would help you understand and compare alternatives?
- Would help you communicate with your organization and constituents?

Public Comment

Comments from Members of the Public

- Raise hand if you have a comment
- Host will call on you and unmute you
- Please keep your comments to 3 minutes

Next Steps/Next SWG Meeting

Team Activities

- Continue initial alternatives evaluation and conduct traffic analysis
- Review evaluation and considerations at SWG #3
- Present findings and summary of community input at Ad Hoc, ESC, and TAC meetings (Fall 2020)

SWG Meeting #3 – Date TBD

- Provide feedback on alternatives from SWG members, organizations and constituents
- Discuss potential Bellam Boulevard improvements
- Review proposed evaluation criteria and considerations

SWG Meeting #4 – Fall 2020

- Consider alternatives to advance for further evaluation

Contact Information

- Send questions and comments:
  - Molly Graham, Marin101-580@tam.ca.gov
- Project website:
  - www.Marin101-580.com