



# Oakland Alameda Freeway Access Project

City of Alameda Transportation  
Commission

March 22, 2017



# Agenda

- Welcome and Introduction
- Project Background, Purpose & Benefits
- Proposed Timeline
- Proposed Alternatives
  - Alternative A Jackson Horseshoe
  - Alternative B Madison Horseshoe
- Comments / Questions

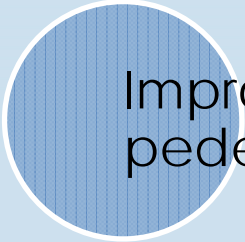
# Project Background

- Oakland Alameda Freeway Access Project
  - Formerly I-880/Broadway-Jackson Interchange Improvements Project
- Efforts so far include
  - Data Collection
  - Alternatives Evaluation
  - Preliminary Analysis

# Project Purpose and Benefits



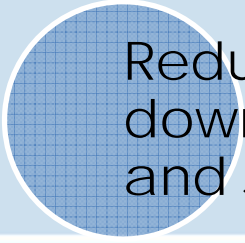
Reduce local and regional traffic congestion



Improve connectivity and safety of bicyclists and pedestrians



Improve multi-modal mobility



Reduce barrier effect of I-880 freeway between downtown Oakland/Chinatown on the east side and Jack London/Alameda on the west

# Proposed Timeline

## PROJECT SCHEDULE

Project Phase	Begin-End MM/YY	2017	2018	2019	2020	2021	2022	2023/24
Scoping	04/06 - 10/14							
PE/Environmental	03/15 - 12/19	1		2				
Final Design (PS&E)	01/20 - 12/21							
Right-of-Way	01/20 - 12/21							
Construction	01/22 - 12/24							

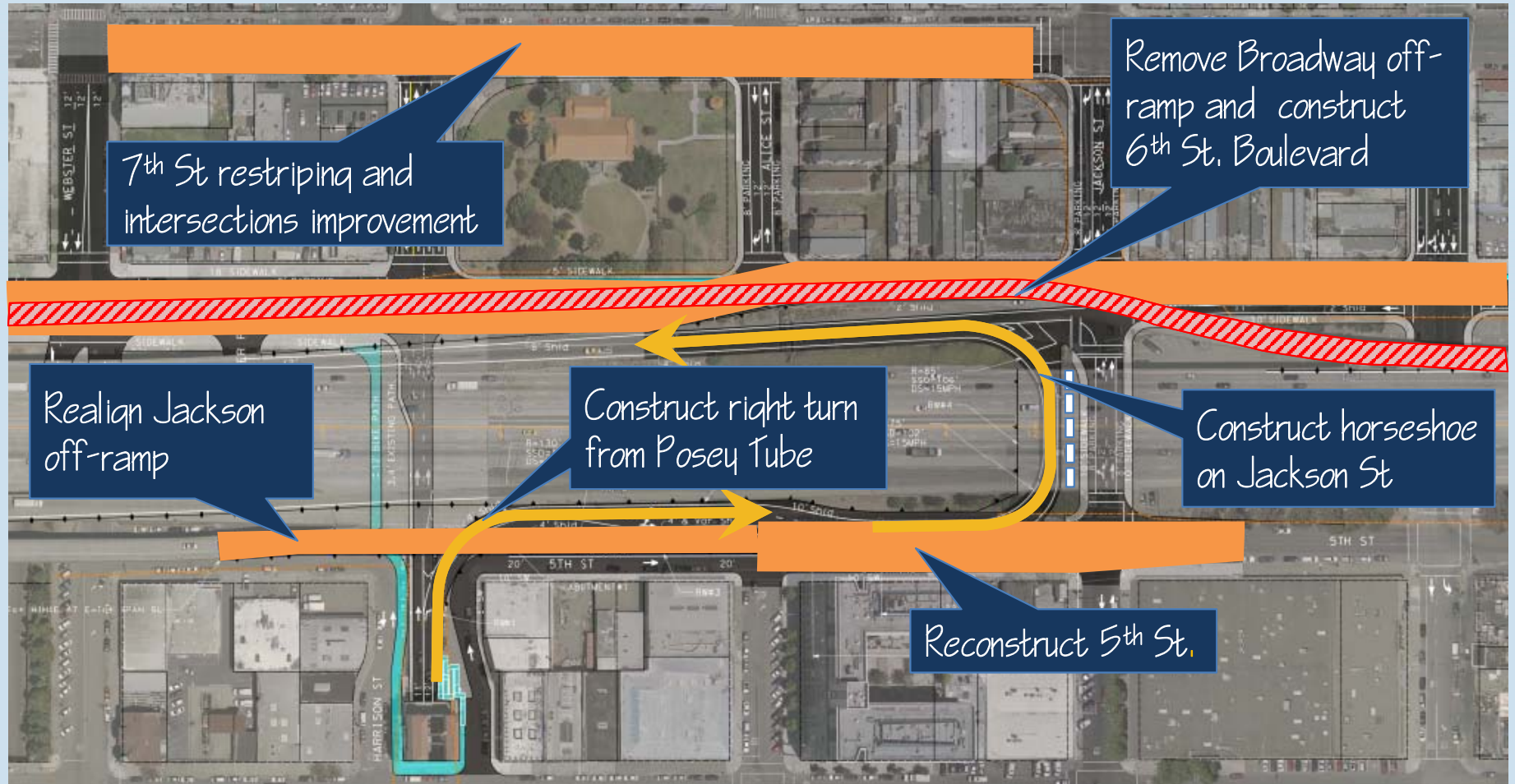


Opportunities for public input: (1) Public Scoping Meeting (2) Public Hearing Meeting

# Proposed Alternatives

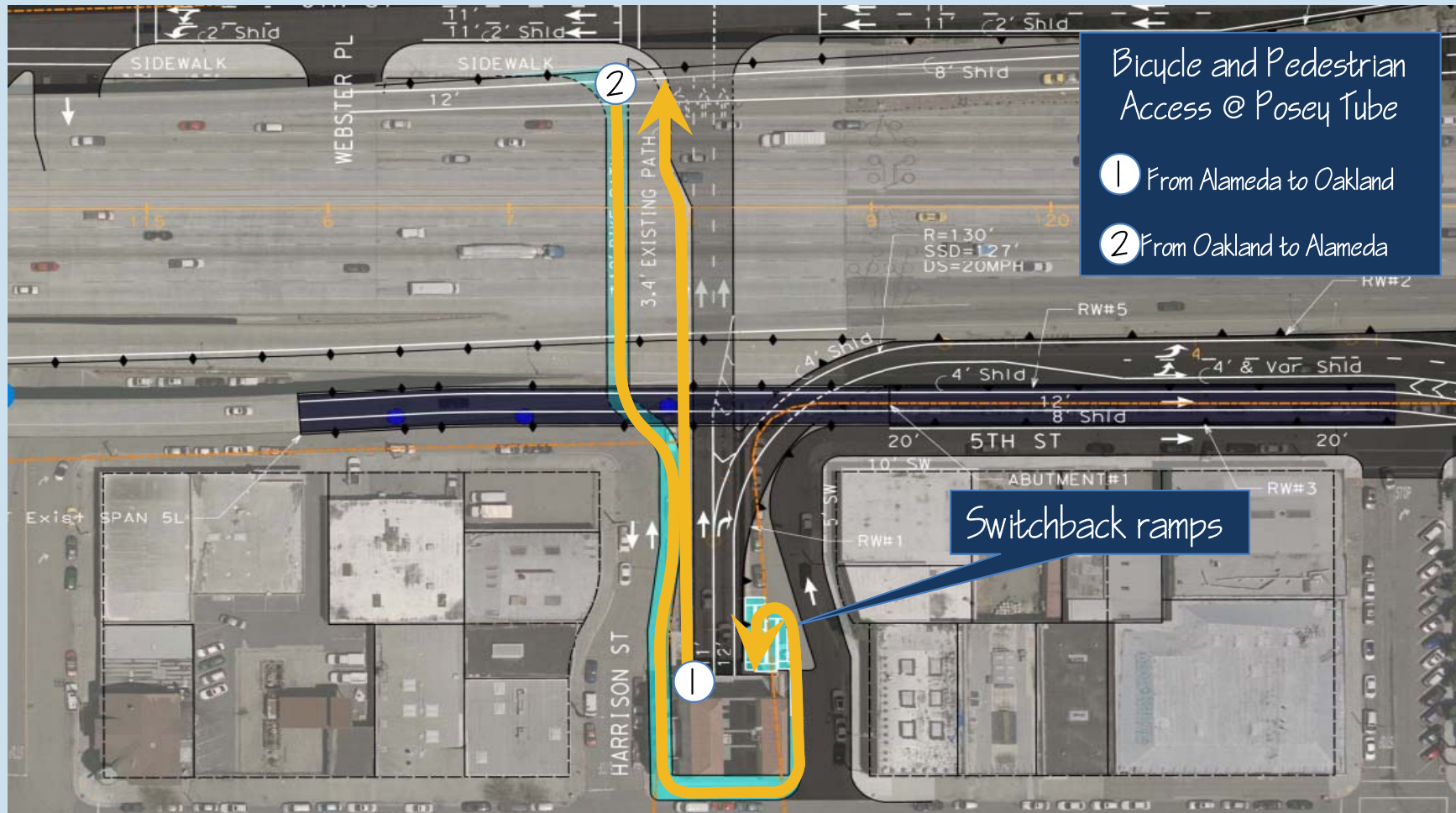
Alternative A - Jackson Horseshoe	Alternative B - Madison Horseshoe
<ul style="list-style-type: none"> <li>Maintain existing Jackson St NB on-ramp, reconstruct Jackson St SB off-ramp</li> </ul>	<ul style="list-style-type: none"> <li>Maintaining existing Jackson St on-ramp and off-ramp</li> </ul>
<ul style="list-style-type: none"> <li>Horseshoe at Jackson</li> </ul>	<ul style="list-style-type: none"> <li>Horseshoe at Madison</li> </ul>
<ul style="list-style-type: none"> <li>No Right-of-Way acquisition</li> </ul>	<ul style="list-style-type: none"> <li>Right-of-Way acquisition on 5<sup>th</sup> St required</li> </ul>
<p><b>Cost (per Alternative): ~ \$70-\$80M</b></p>	
<p><b>Open to Traffic: Same for both Alternatives</b></p>	

# Alternative A - Jackson Horseshoe



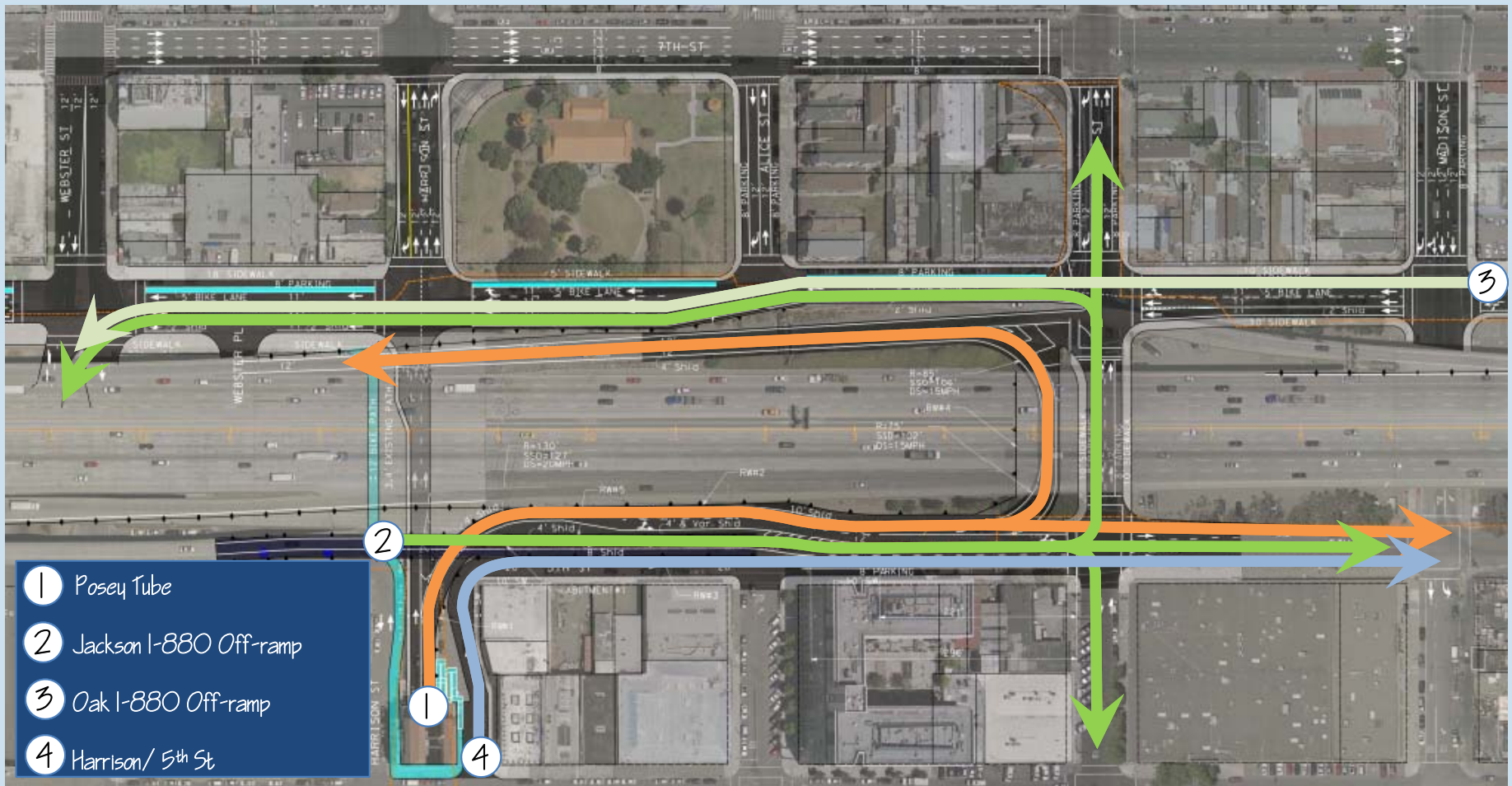


# Posey Tube – Bike and Pedestrian Access



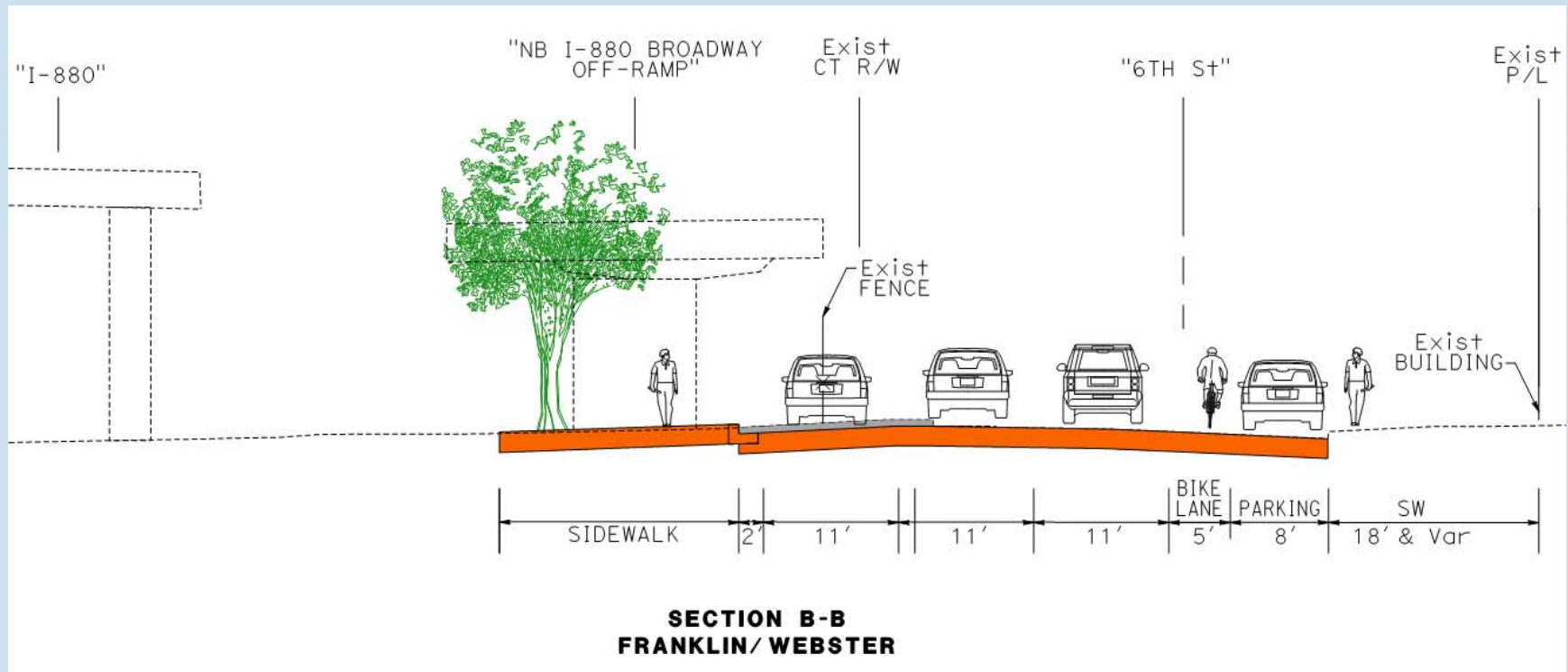


# Alternative A - Traffic Circulation



# 6th St Blvd – Franklin/Webster

✖ CLOSE



# 6<sup>th</sup> St Blvd - Widen Oak St Off-ramp





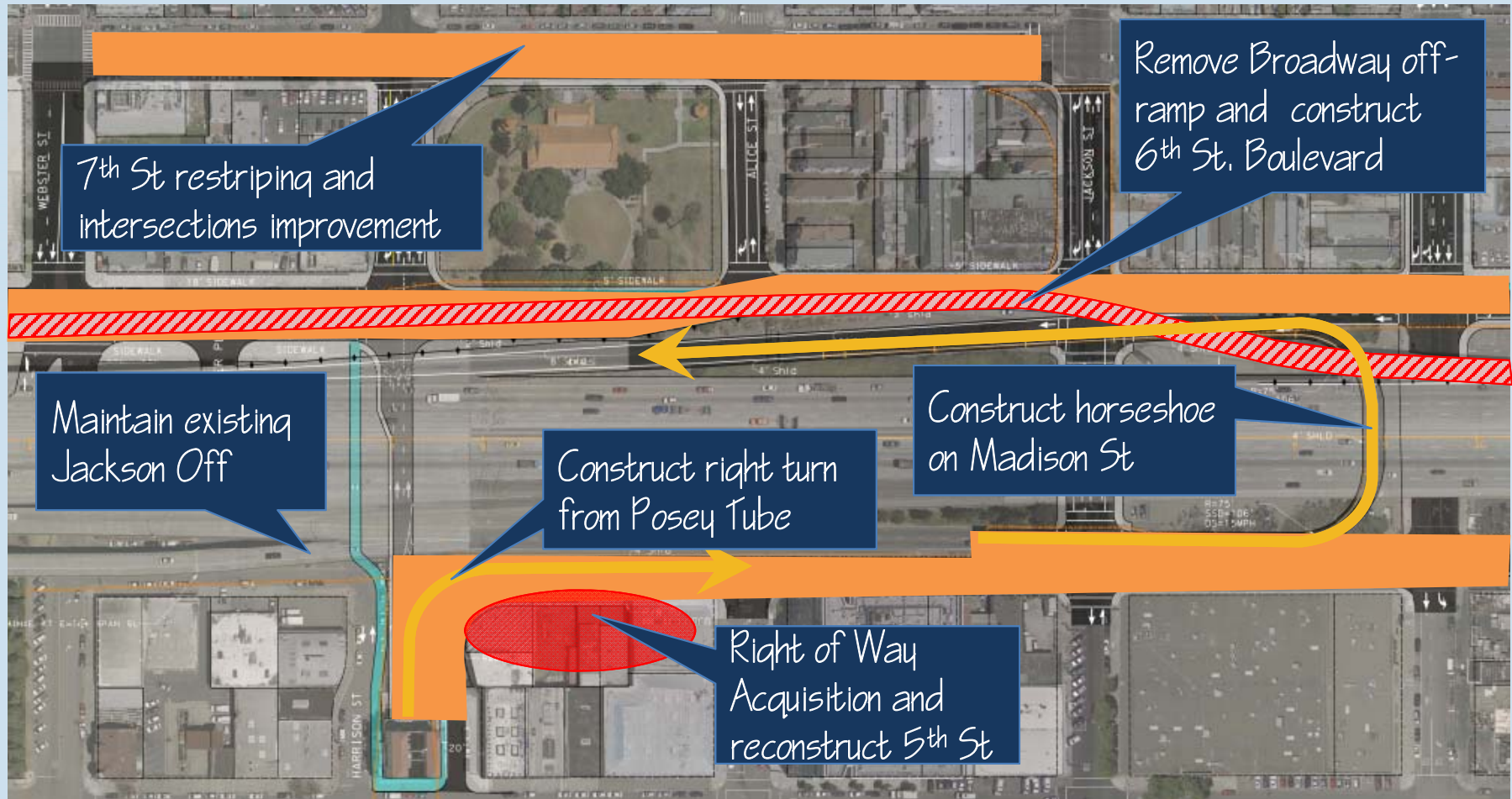
# 7<sup>th</sup> Intersection Improvements

Pedestrian safety will be improved by reconstructing the right turns at:

1. Harrison Street to 7<sup>th</sup> Street
2. 7<sup>th</sup> St to Jackson St.

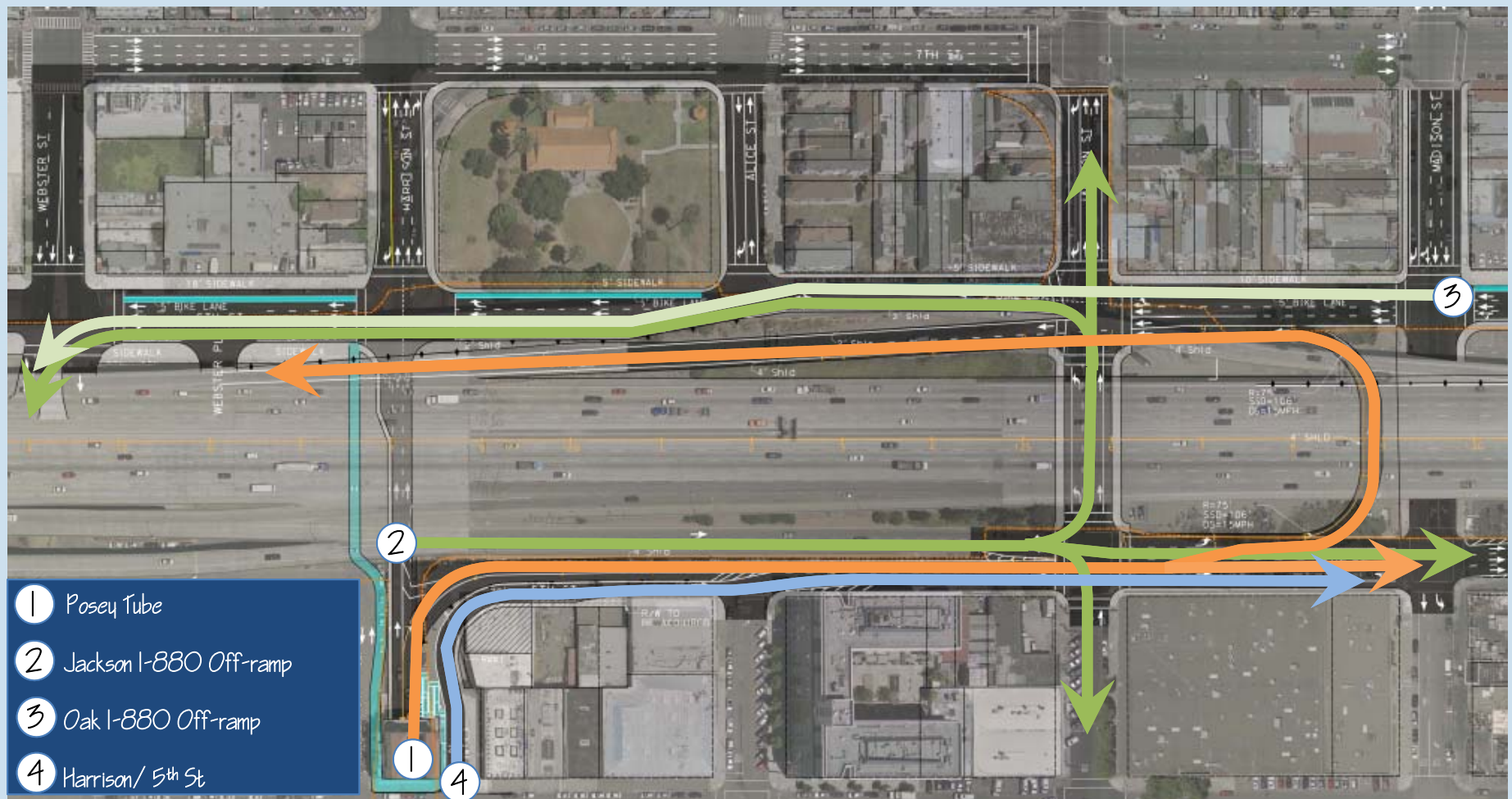


# Alternative B – Madison Horseshoe





# Alternative B - Traffic Circulation



# Posey Tube

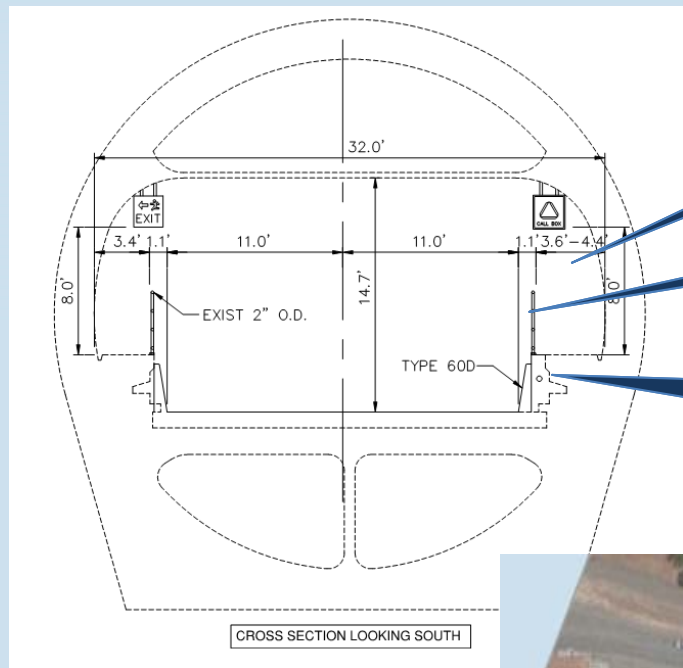


POST GUIDANCE DETAIL





# Bike/Pedestrian accommodation on west side of Posey tube



Widen west side pathway

Replace existing hand railing

Embed the fire safety line into the path

## Class I Bike Path in Alameda



# Preliminary Traffic Analysis Results

Travelling from...	Alternative A Jackson Horseshoe	Alternative B Madison Horseshoe
<b>Posey Tube to Northbound I-880</b>	<ul style="list-style-type: none"> <li>• Significant improvement in travel time</li> </ul>	<ul style="list-style-type: none"> <li>• Significant increase in travel time 5<sup>th</sup>/Jackson and 6<sup>th</sup>/Jackson</li> </ul>
<b>Northbound I-880 to Webster Tube</b>	<ul style="list-style-type: none"> <li>• Slight improvement in travel time                             <ul style="list-style-type: none"> <li>➤ Travel time improvement on 6<sup>th</sup>/Jackson</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Slight increase in travel time                             <ul style="list-style-type: none"> <li>➤ 6<sup>th</sup>/Jackson</li> </ul> </li> </ul>

# Preliminary Traffic Analysis Results

## (AM Peak Hour)

Performance Measure	No-Project Alternative	Project Alternative A1: Jackson Horseshoe	Project Alternative B1: Madison Horseshoe
Travel Time (seconds) <sup>1</sup>			
Thru Tube	320	180	840
Tube to Northbound I-880	230	180	290
Total	550	360	1130
Intersection LOS/Delay <sup>2</sup>			
980 off-5 <sup>th</sup> /Jackson	B/18.3	A/9.6	<b>F/152.2</b>
880 off-6 <sup>th</sup> /Oak	B/11.0	B/17.9	B/17.9
6 <sup>th</sup> /Jackson	F/208.2	B/17.1	B/20.0
6 <sup>th</sup> /Harrison	N/A	B/19.6	B/15.3
6 <sup>th</sup> /Webster	N/A	C/21.6	B/14.1

# Preliminary Traffic Analysis Results

## (PM Peak Hour)

Performance Measure	No-Project Alternative	Project Alternative A1: Jackson Horseshoe	Project Alternative B1: Madison Horseshoe
Travel Time (seconds) <sup>1</sup>			
Northbound I-880 at Oak to Webster Tube	220 <sup>Lt</sup> /270 <sup>Rt</sup>	200	300
Intersection LOS/Delay <sup>2</sup>			
980 off-5 <sup>th</sup> /Jackson	B/19.8	B/15.8	<b>F/204.0</b>
880 off-6 <sup>th</sup> /Oak	B/10.9	C/22.4	C/22.5
6 <sup>th</sup> /Jackson	D/36.1	C/26.0	<b>E/61.8</b>
6 <sup>th</sup> /Harrison	N/A	C/29.7	B/14.3
6 <sup>th</sup> /Webster	N/A	C/33.0	C/32.8

# Comparison of Alternatives

Benefits	A	B
➤ Reduce barrier effect of I-880	✓	✓
➤ Reduce freeway traffic on local Streets	✓	✓
➤ Provide direct access to 880/980 for Alameda and Oakland	✓	✓
➤ Improve bicycle and pedestrian connectivity	✓	✓
➤ Reduce conflicts on Broadway	✓	✓
➤ Requires ROW Acquisition	X	✓
➤ Long construction impacts and ramp closures	✓	X

# Comments/Questions

**Thank you for Attending.**

Visit Project Webpage at

<http://www.alamedactc.org/FreewayAccessProject>