

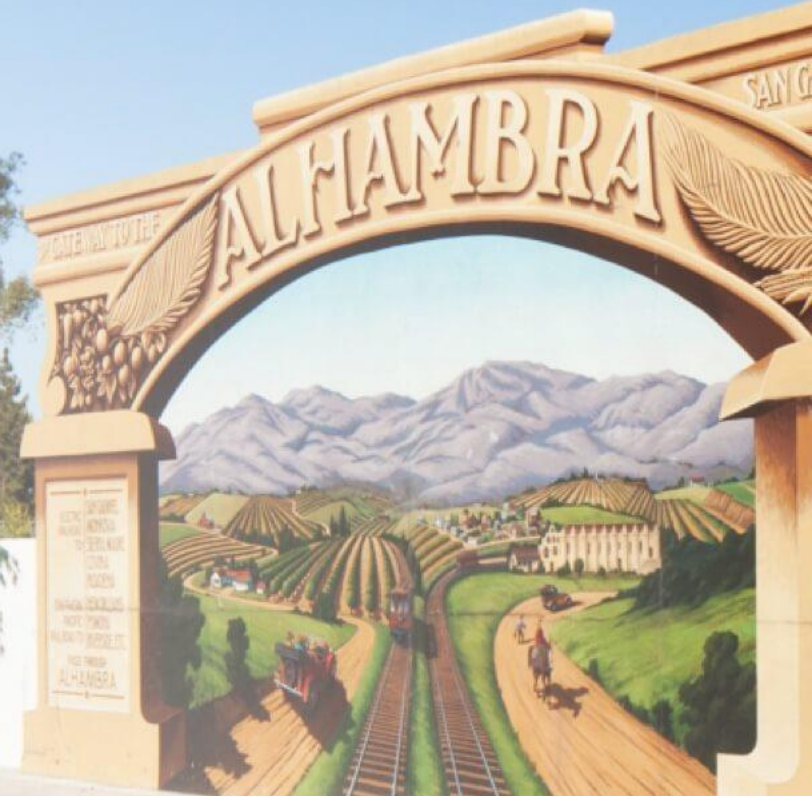
May 26, 2026

Advancing  
Alhambra



# Project Update : 710 Mobility Improvements Town Hall

City of Alhambra and  
Kimley-Horn and Associates, Inc.



May 26 2026

# Townhall Agenda

- Background
- 710 Stub Arterial
- Project Development Process
- Fremont Conceptual Alternatives
- Status of Projects
- Funding/Latest Estimates
- Next Steps

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# Background

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# What is Advancing Alhambra?

When the I-710 extension was abandoned and Metro funding was made available, Alhambra's leadership aggressively put together a **comprehensive plan based on early modeling and studies.**

# Study Areas

Four Projects, One Goal

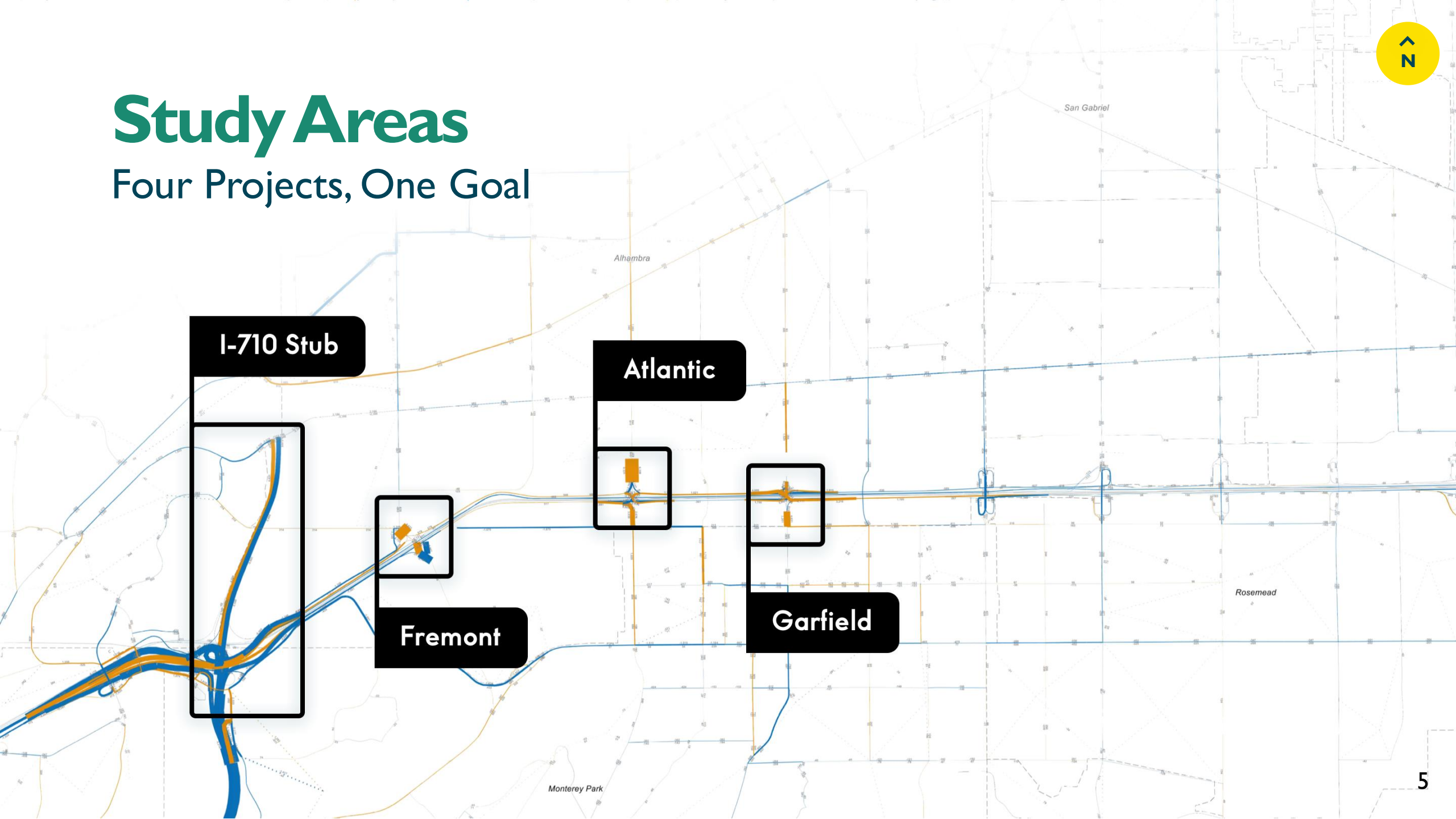


I-710 Stub

Atlantic

Fremont

Garfield



# Early Study Goals

Reduce cut-through traffic on Alhambra streets.

Improve traffic safety through interchanges.

Support future bicycle and pedestrian citywide systems.

# Early Studies Conclusions

- Much of 710 stub traffic is regional, not Alhambra-bound.
- Converting the 710 Stub into an arterial roadway provides the best congestion relief citywide.

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# 710 Stub Arterial

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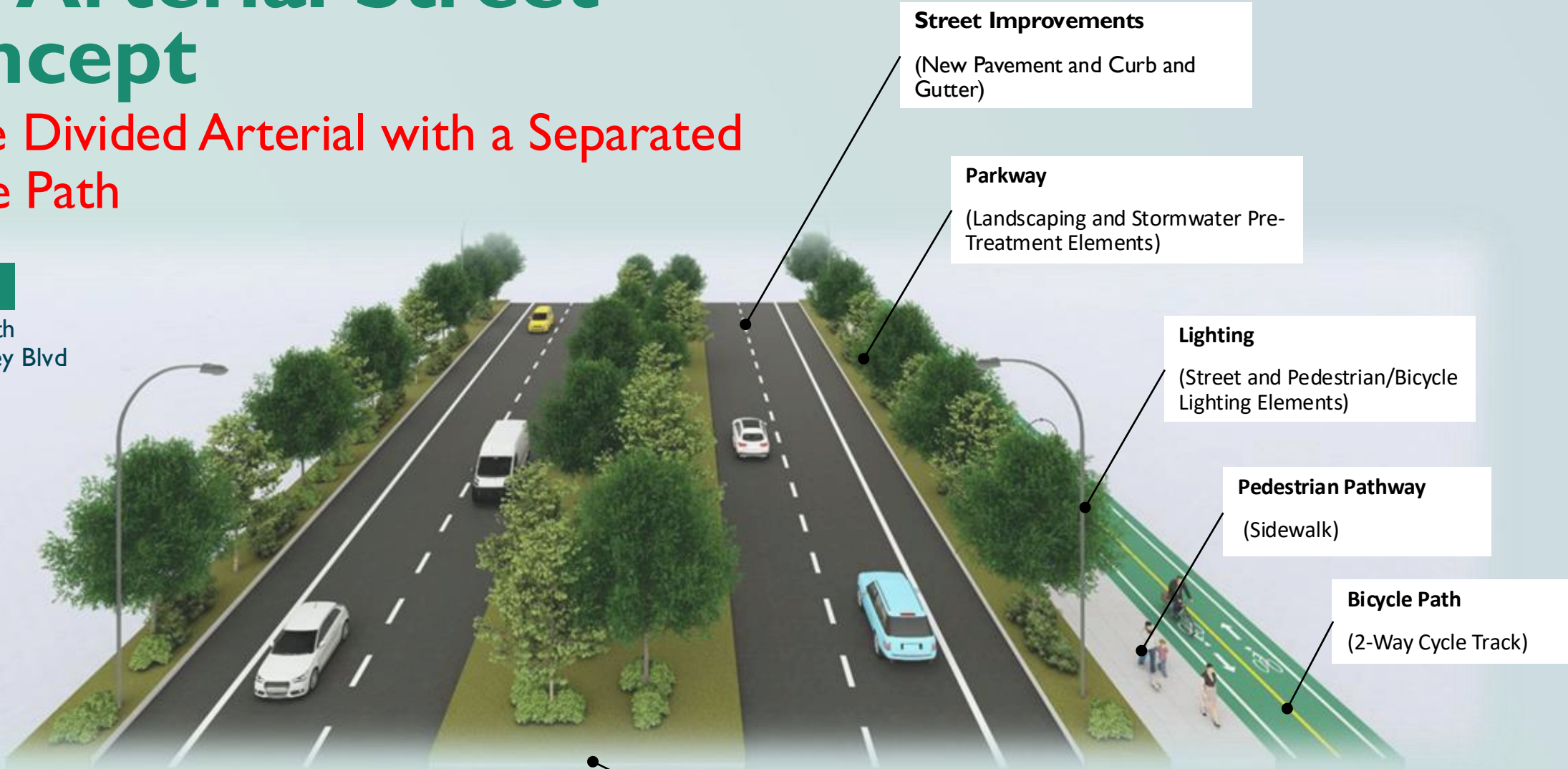
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# 710 Arterial Street Concept

## 4-Lane Divided Arterial with a Separated Bicycle Path

### View

Looking north towards Valley Blvd



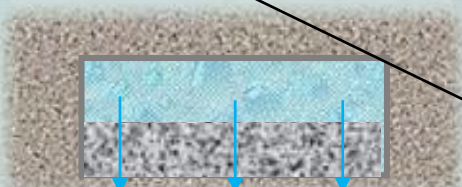
**Street Improvements**  
(New Pavement and Curb and Gutter)

**Parkway**  
(Landscaping and Stormwater Pre-Treatment Elements)

**Lighting**  
(Street and Pedestrian/Bicycle Lighting Elements)

**Pedestrian Pathway**  
(Sidewalk)

**Bicycle Path**  
(2-Way Cycle Track)



**Raised Median**  
(Landscaping and Stormwater Capture & Reuse Elements)

# 710 Arterial Street Concept

## Proposed Road/Bike/Ped Elements

- 1 New intersection (conversion point)
- 2 Realign the three connector ramps to join the new roadway and intersection
- 3 Ramona Rd extension - road/bike/ped connection
- 4 New 4-lane divided arterial street with a raised landscaped median and separated pedestrian and bicycle facilities
- 5 New bicycle connections from the arterial street to Hellman Ave
- 6 Intersection improvements at Valley Blvd to consolidate the two intersections into one



# 710 Phasing

## Implementation

### Two-Phased Approach

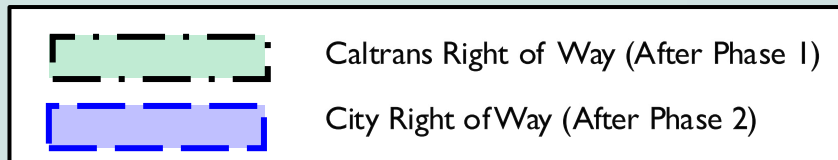
#### Phase I (Caltrans Project)

Construct the new intersection and realign the three freeway connector ramps.

#### Phase 2 (City Project)

Convert the 710 and construct new roadway improvements and connections.

\*Relinquishment: City to work with Caltrans to undertake relinquishments during Phase 2



710 Mobility Improvements

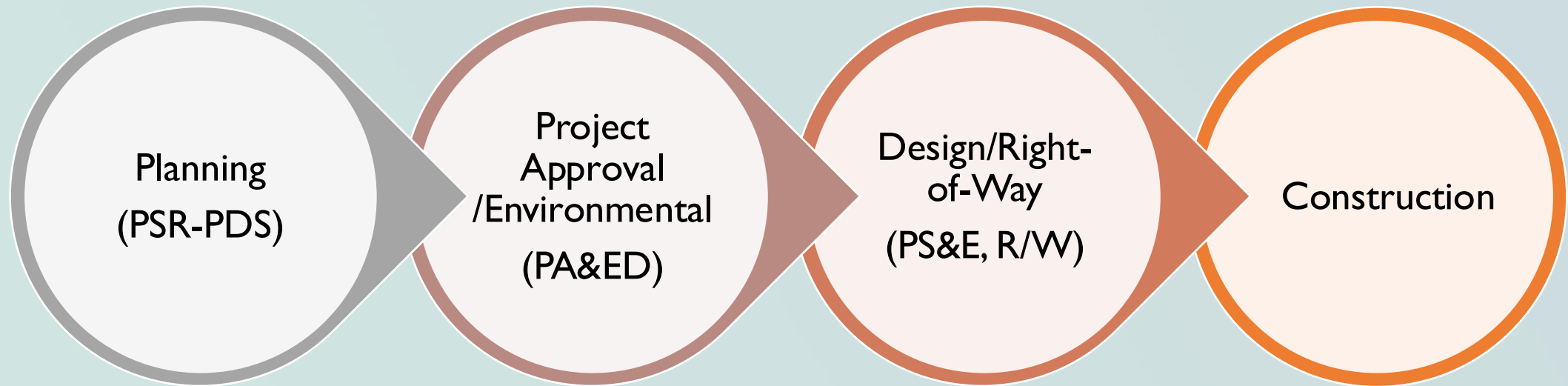
# Project Development Process

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# Caltrans Project Development Process



# Project Approval & Environmental Document (PA&ED)

- 
- Step 1 ● Corridor-Wide Traffic and Operational Analysis
  - Step 2 ● Public Scoping and Community Input
  - Step 3 ● Engineering and Environmental Evaluation

# Engineering and Environmental Eval (Step 3)



## Preliminary Engineering & Project Development


- Preliminary geometric engineering
- Alternative development and refinement
- Utility and right-of-way impact analysis
- Constructability and staging considerations
- Preliminary cost estimating



## Environmental Technical Studies

- Air quality and noise analysis
- Biological, cultural, and hazardous materials studies
- Community and neighborhood impact considerations
- Agency coordination and permitting requirements
- CEQA/NEPA environmental documentation

# Project Approval & Environmental Document (PA&ED)

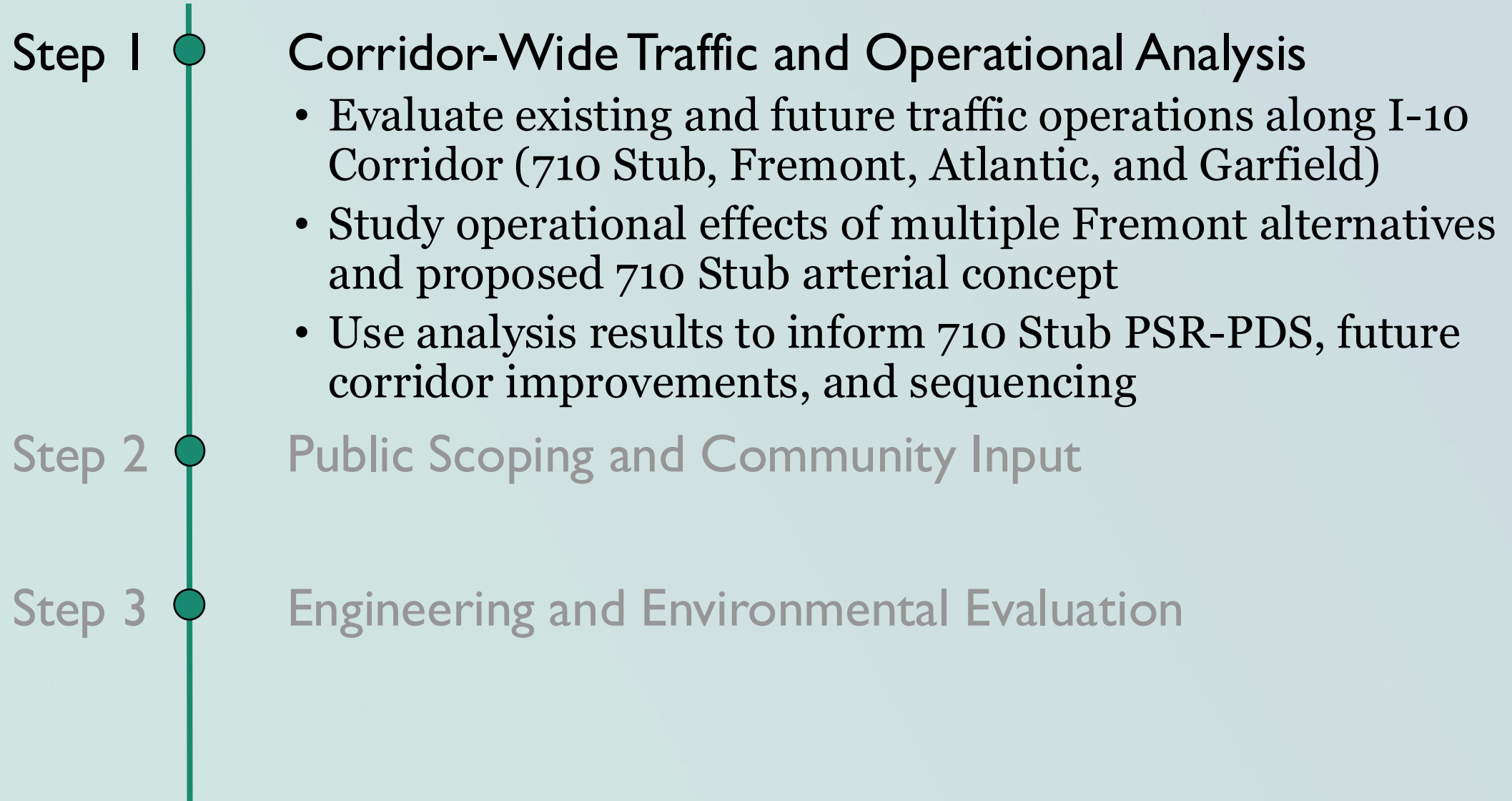
- 
- Step 4 ● Draft Environmental Document
    - *Includes identifying Viable Alternatives/Locally Preferred Alternative (LPA) for public review*
  - Step 5 ● Public Review Period
    - *Includes public meetings and comments*
  - Step 6 ● Final Environmental Approval
    - *Includes response to public comments and finalized preferred alternative through City/Caltrans approvals*

# Project Development Approach

- Fremont interchange and I-10/710 weave area identified as key operational considerations associated with 710 Stub arterial concept.
- Multiple Fremont alternatives and corridor-wide traffic analysis required to evaluate future operations with 710 Stub arterial conversion.
- City/Caltrans agreed on phased development strategy
  - Phase 1: Fremont PSR-PDS
  - Phase 2: 710 Stub PSR-PDS, Fremont PA&ED (concurrent)
  - Phase 3: 710 Stub PA&ED



# Fremont PA&ED



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# Fremont Conceptual Alternatives

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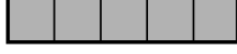















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# Fremont Conceptual Alternatives

- The City's potential alternatives are conceptual and are intended to address operational impacts to the I-10 corridor should the 710 Stub Arterial be constructed.
- Alternatives may range from extensive to minor improvements, including a no-build alternative.
- Evaluation of these alternatives does not commit the City of Alhambra to implementing any specific improvement or alternative;
  - *rather, these studies are intended to help the City and Caltrans better understand corridor-wide traffic operations and future project needs.*

# Fremont Concept Summary

Concept	Total Parcels Impacted	Traffic Performance (AM & PM)	Construction Cost	Cost-Benefit
No Build	N/A		N/A	N/A
<b>A</b> - Single Point Urban Interchange (SPUI) Overcrossing	MIN  MAX		MIN  MAX	
<b>B</b> - Non-Standard SPUI Overcrossing	MIN  MAX		MIN  MAX	
<b>C</b> - Diverging Diamond Interchange (DDI) Overcrossing	MIN  MAX		MIN  MAX	
<b>D</b> - Partial Cloverleaf Interchange (ParClo) Overcrossing	MIN  MAX		MIN  MAX	
<b>E</b> - Modified Ramps "A" Existing Undercrossing	MIN  MAX		MIN  MAX	
<b>F</b> - Modified Ramps "B" Existing Undercrossing	MIN  MAX		MIN  MAX	

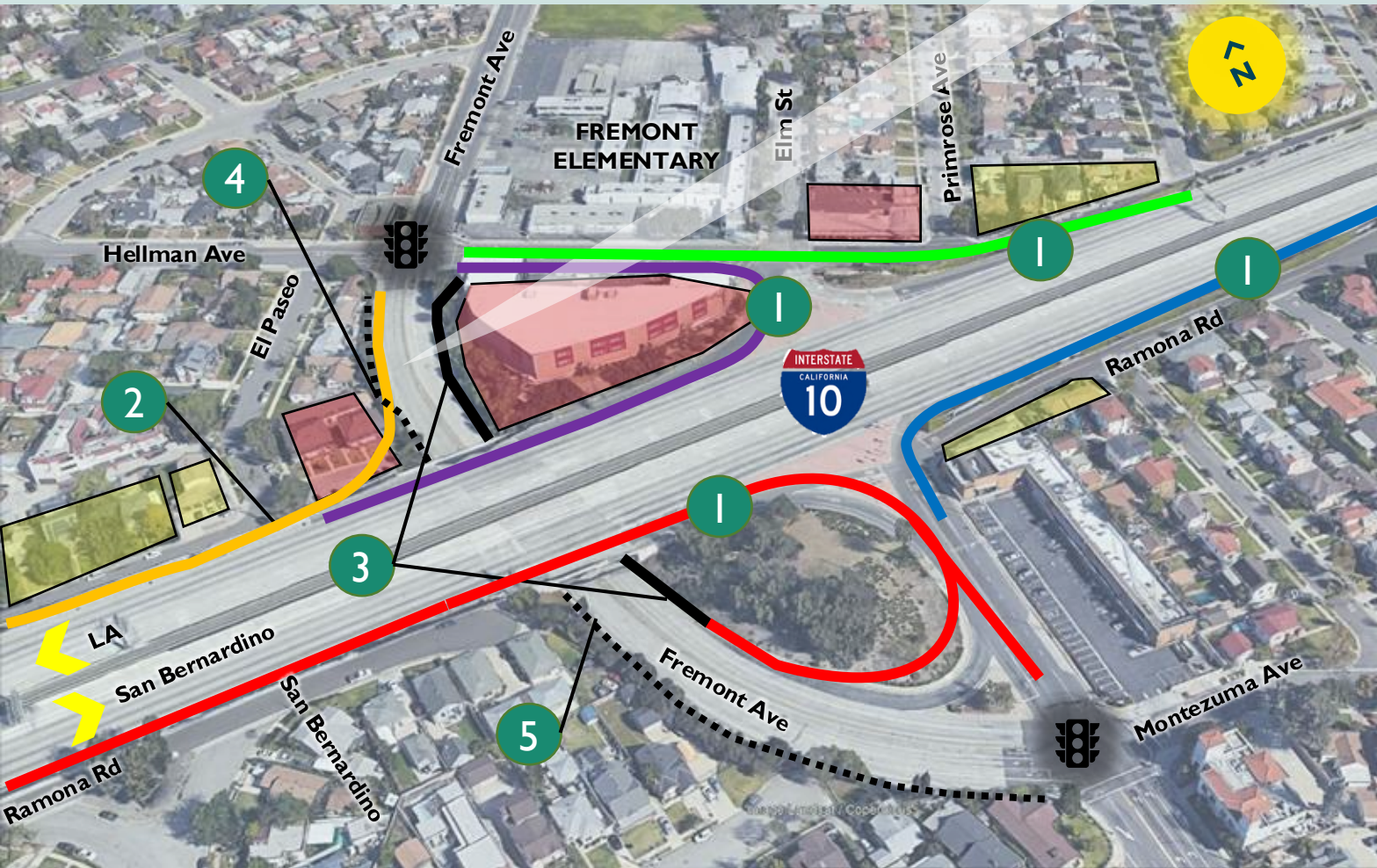
City examined various early configurations, weighed the options.

# I-10/Fremont Ave Interchange

## PSR-PDS Alternative 1

Unique improvement to Alternative 1  
(not proposed in Alternative 2)

- 1 Improved ramp geometry
- 2 New slip-on ramp for WB I-10
- 3 Additional lane for NB Fremont Ave through the undercrossing
- 4 Pedestrian crossing treatment
- 5 Shared-use pathway



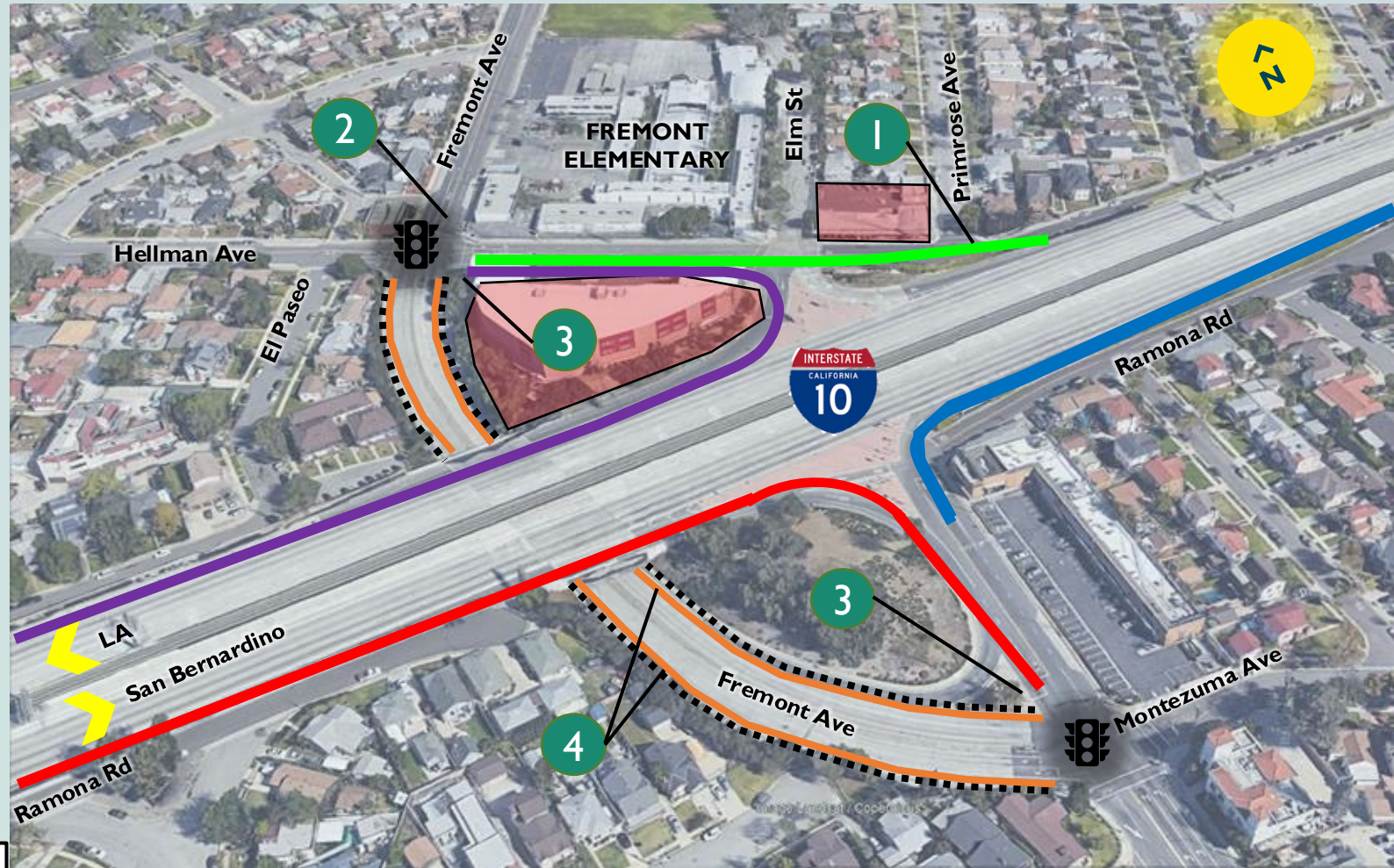
	EB I-10 off-ramp
	EB I-10 on-ramp
	WB I-10 off-ramp
	WB I-10 on-ramp
	New WB I-10 slip on ramp
	New 3 <sup>rd</sup> NB lane on Fremont Ave
	Shared-use Pathway (Peds and Bikes)
	Property Impacts
	Access Impacts

# PSR-PDS Alternative 2

- 1 Shorten WB Off-Ramp Length to Avoid Residential Parcel Impacts
- 2 Eliminate Fremont Widening to Avoid Elementary School Impacts
- 3 "T" Up Ramp with Intersection to Calm Traffic
- 4 Remove 3<sup>rd</sup> NB Lane on Fremont
- Include Bicycle Lane and Pedestrian Path on Both Sides of Fremont
- High Visibility Pedestrian Crossings and Leading Pedestrian Intervals

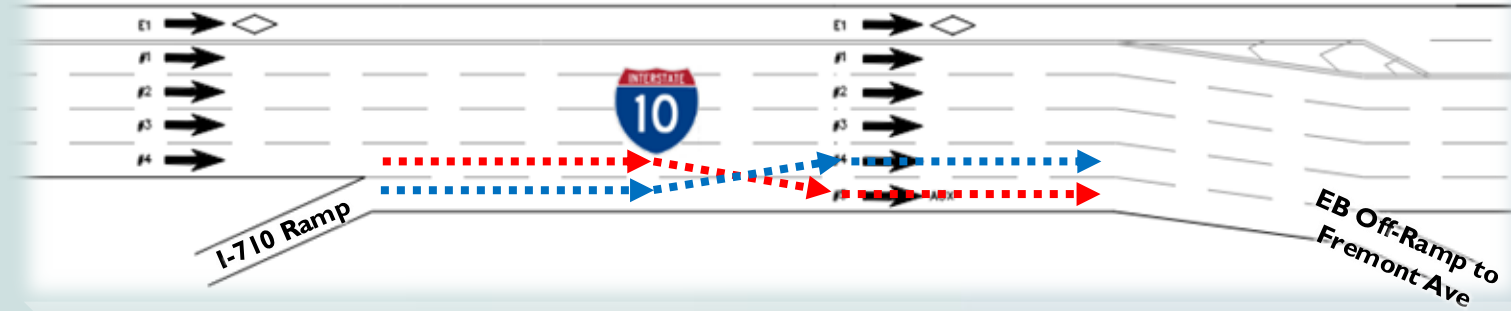


	EB I-10 off-ramp		WB I-10 off-ramp
	EB I-10 on-ramp		WB I-10 on-ramp
	Bicycle Lane		Sidewalk
	Property Impacts		

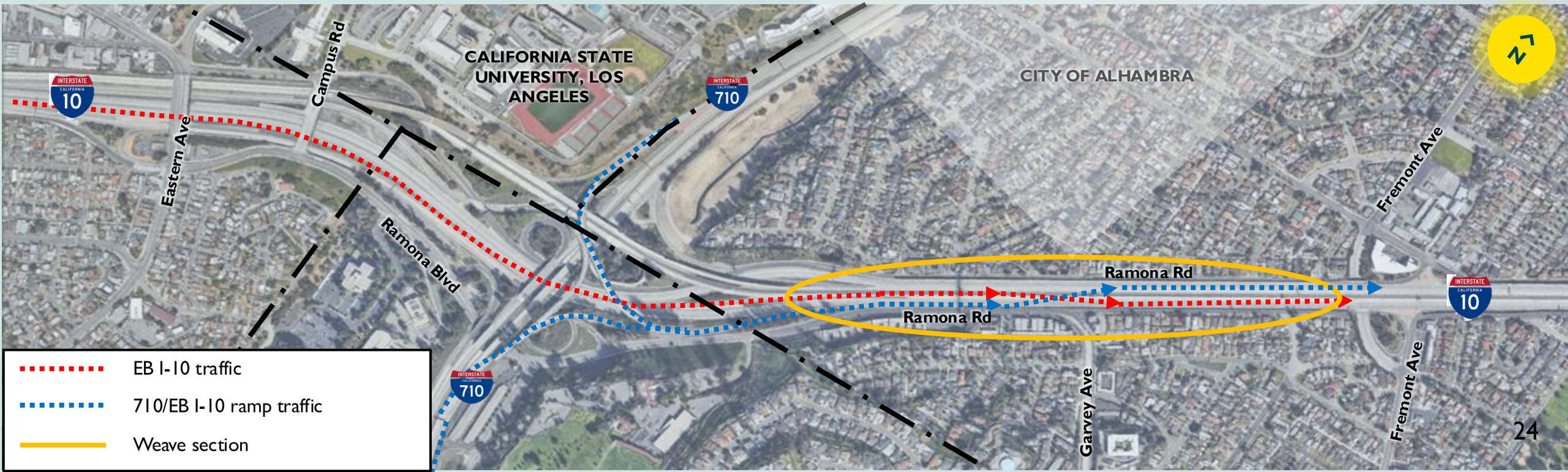


# I-10/710 Interchange

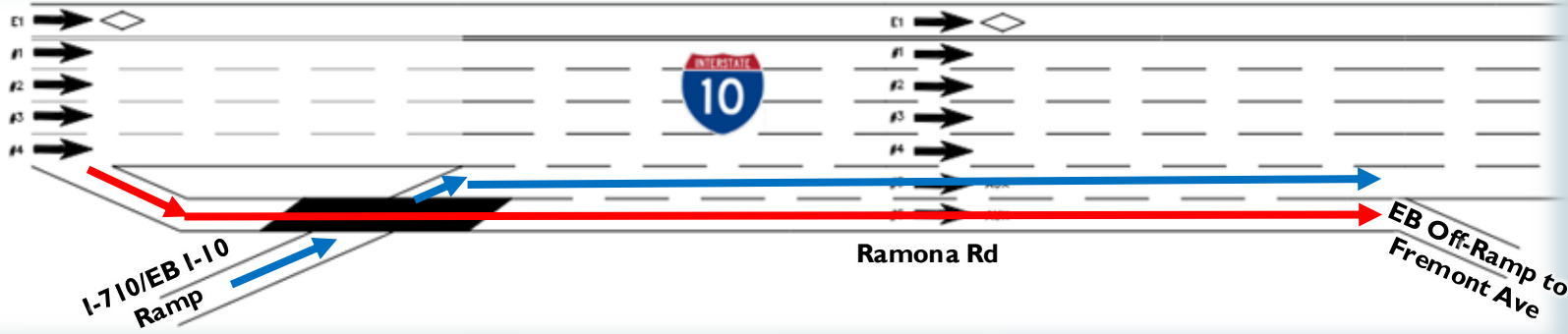
Current Conditions  
(EB Weave – PM Peak)



The weave generates congestion on EB I-10 creating a bottleneck that encourages EB I-10 and NB 710 traffic to go north on 710 to Valley Blvd – cutting through Alhambra



# EB I-10 Off-Ramp Extension

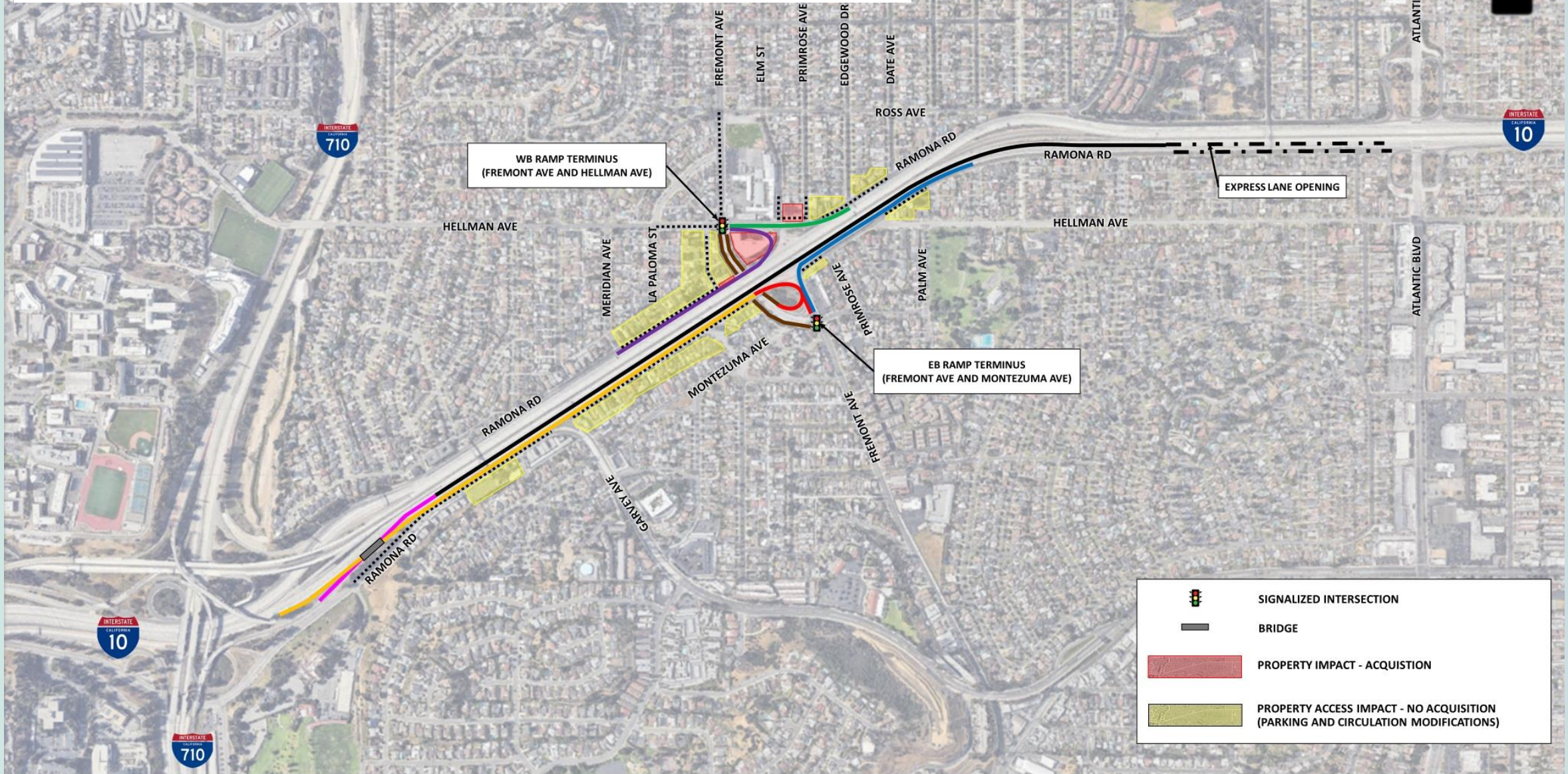


- EB I-10 off-ramp to Fremont Ave Improvements
- 710/EB I-10 Ramp Improvements
- Elevated structure



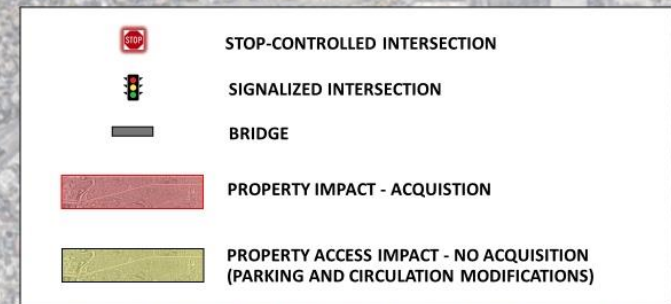
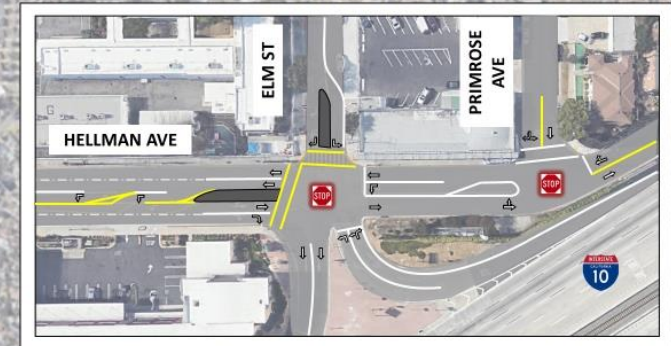
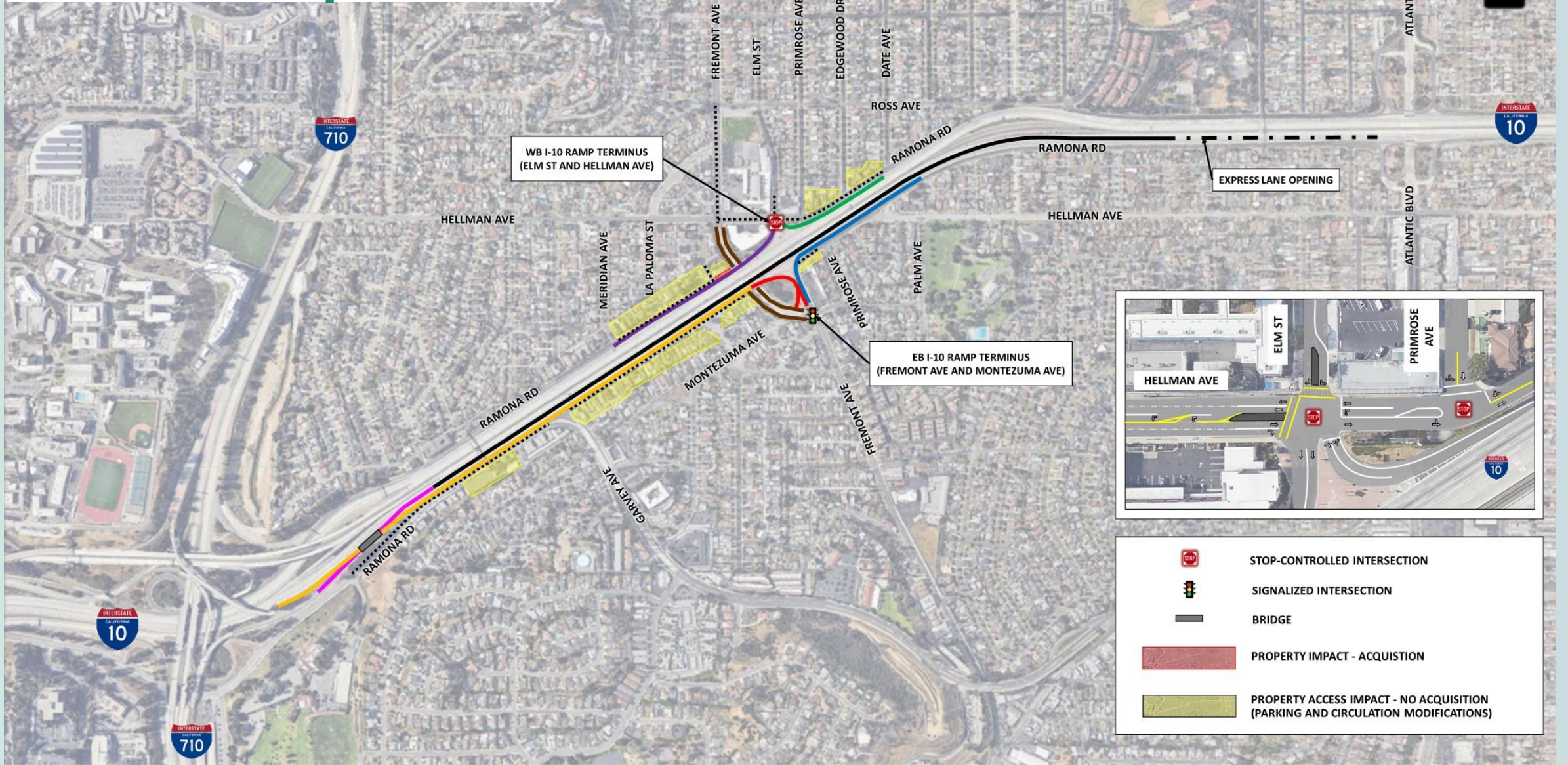
- 1 The EB off-ramp will be elevated over the 710 ramp via a structure
- 2 The 710 ramp will be modified to go underneath the EB I-10 off ramp
- 3 An additional lane will be added to EB I-10 to carry the extended EB off-ramp to the exit at Fremont Ave

# High Impact Alt (PSR-PDS Alt 2)



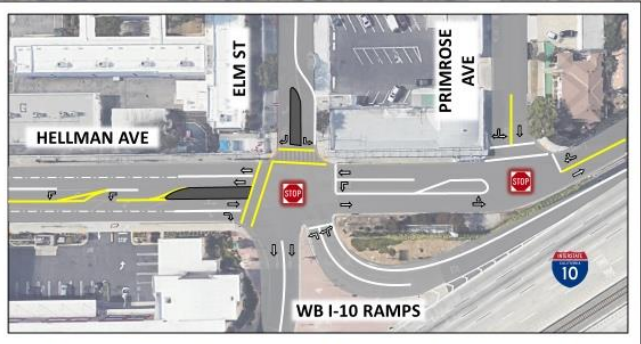
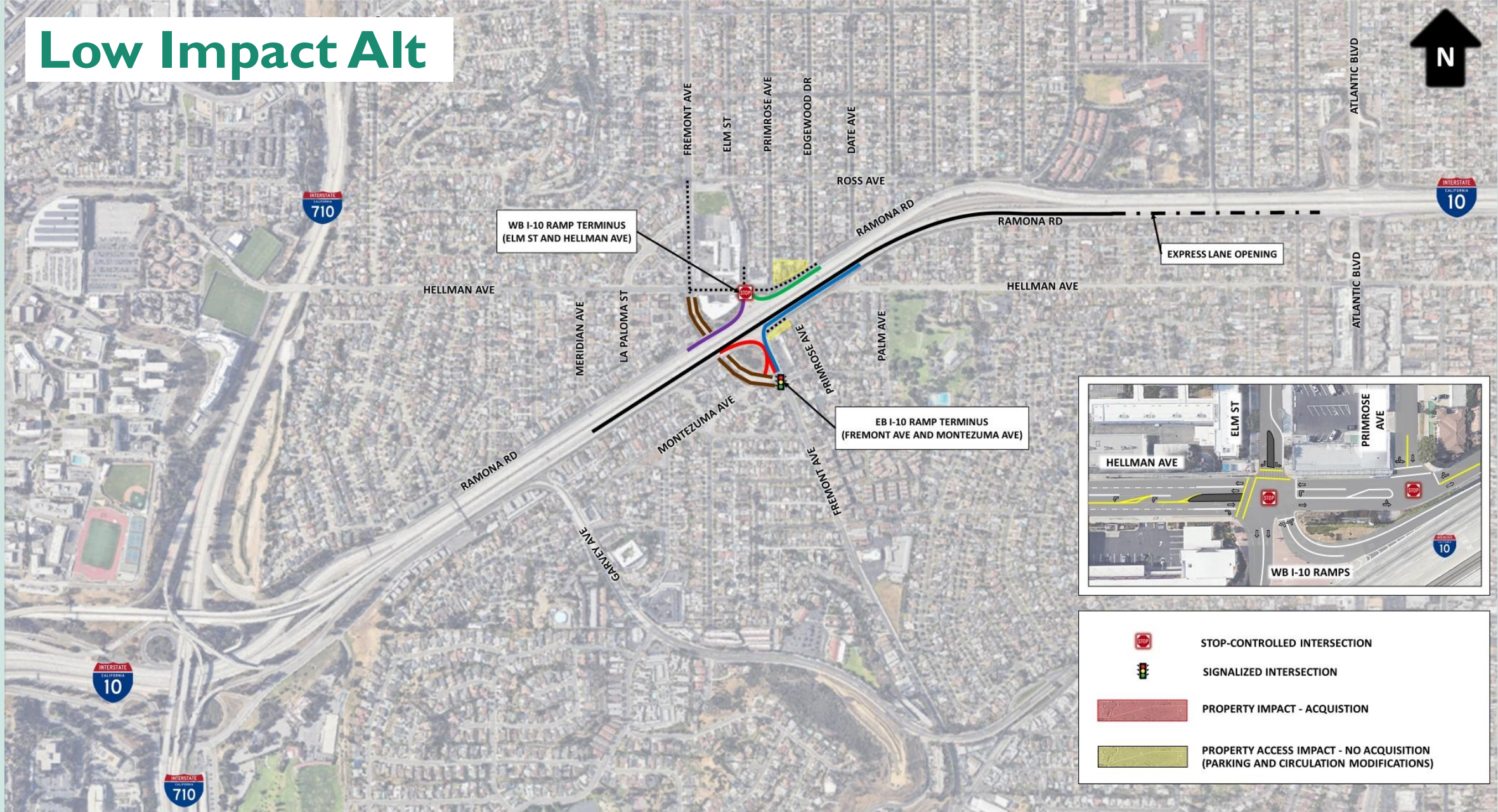
- |   |  |   |   |  |
|---|--|---|---|--|
|  BRAIDED RAMP IMPROVEMENTS (NEW AUXILIARY LANE AND BRIDGE) |  EB I-10 IMPROVEMENTS (MAINLINE RESTRIPING, EXPRESS LANE MODIFICATIONS, AND AUXILIARY LANE EXTENSION) |  EB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS  |  WB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS |  LOCAL ROADWAY MODIFICATION |
|  NB I-710 TO EB I-10 CONNECTOR RAMP IMPROVEMENTS           |  FREMONT AVE UNDERCROSSING IMPROVEMENTS (NEW SHARED-USE PATHWAY AND 3 <sup>RD</sup> NB LANE)          |  EB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS |  WB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS  |  EXPRESS LANE OPENING       |

# Medium Impact Alt



- |  |   |  |   |  |   |  |   |  |                             |
|--|---|--|---|--|---|--|---|--|-----------------------------|
|  | BRAIDED RAMP IMPROVEMENTS (NEW AUXILIARY LANE AND BRIDGE) |  | EB I-10 IMPROVEMENTS (MAINLINE RESTRIPIING, EXPRESS LANE MODIFICATIONS, AND AUXILIARY LANE EXTENSION) |  | EB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS  |  | WB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS |  | LOCAL ROADWAY MODIFICATIONS |
|  | NB I-710 TO EB I-10 CONNECTOR RAMP IMPROVEMENTS           |  | FREMONT AVE UNDERCROSSING IMPROVEMENTS (NEW SHARED-USE PATHWAY AND 3 <sup>RD</sup> NB LANE)           |  | EB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS |  | WB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS  |  | EXPRESS LANE OPENING        |

# Low Impact Alt



	STOP-CONTROLLED INTERSECTION
	SIGNALIZED INTERSECTION
	PROPERTY IMPACT - ACQUISITION
	PROPERTY ACCESS IMPACT - NO ACQUISITION (PARKING AND CIRCULATION MODIFICATIONS)

- |  |   |  |  |  |   |  |  |  |                      |
|--|---|--|--|--|---|--|--|--|----------------------|
|  | EB I-10 IMPROVEMENTS (MAINLINE RESTRIPIING, EXPRESS LANE MODIFICATIONS, AND AUXILIARY LANE EXTENSION) |  | FREMONT AVE UNDERCROSSING IMPROVEMENTS (NEW BICYCLE LANES) |  | EB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS |  | WB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS |  | EXPRESS LANE OPENING |
|  | EB I-10 OFF-RAMP TO FREMONT AVE IMPROVEMENTS  |  | WB I-10 ON-RAMP FROM FREMONT AVE IMPROVEMENTS              |  | LOCAL ROADWAY MODIFICATIONS                   |  |  |  |                      |

710 Mobility Improvements

# Status of Projects

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# Current Status

## Fremont Interchange Improvements



Project Study Report – Project Development Support (PSR-PDS) Approved



Project Approval and Environmental Document (PA&ED)

*Pending Cooperative Agreement with Caltrans*



Plans, Specifications, and Estimate (PS&E)

## 710 Stub Arterial Conversion



Project Study Report – Project Development Support (PSR-PDS)



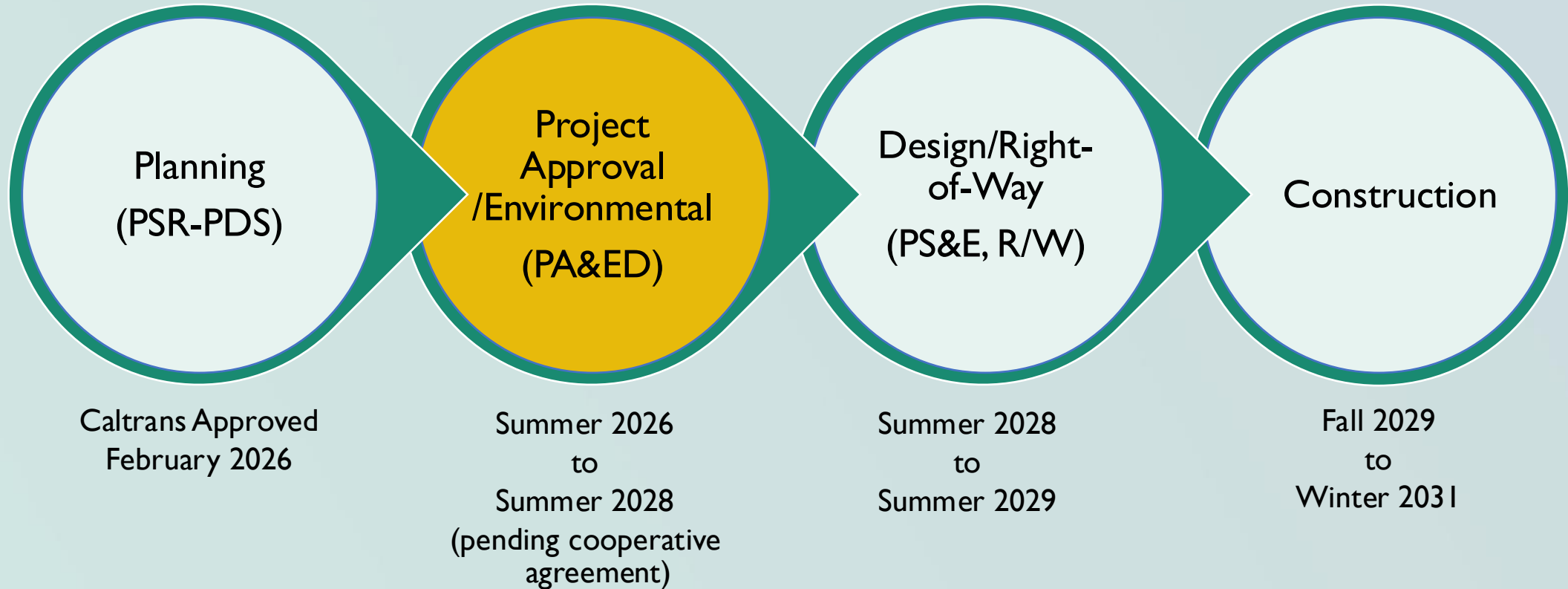
Project Approval and Environmental Document (PA&ED)



Plans, Specifications, and Estimate (PS&E)

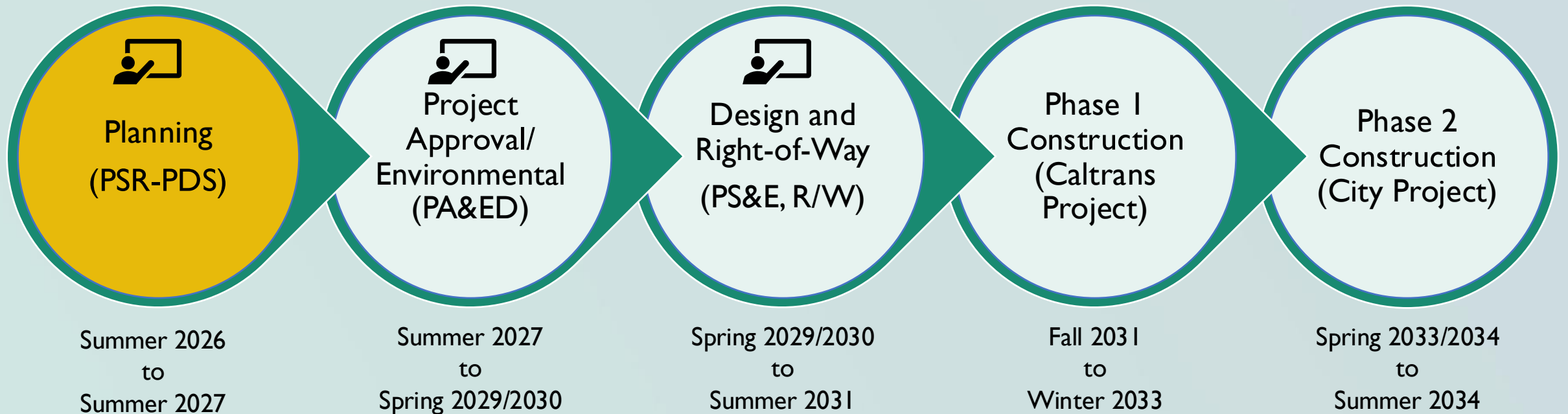
# Fremont Improvements

## Timeline



# 710 Arterial Conversion

## Timeline



710 Mobility Improvements

# Funding/Latest Estimates

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<u>Project Name</u>	<u>Funding Allocated (per Metro under Measure R)</u>	<u>Planning-Level Estimates</u>
I-10/SR-710 Interchange Reconfig	\$62.4M	\$83.5M*
I-10/Fremont Avenue On and Off Ramp Reconfig	\$100M	\$37M - \$169M*
I-10/Atlantic Boulevard On and Off Ramp Reconfig	\$20M	No updated construction costs provided, pending development of 710 Stub and Fremont
I-10/Garfield On and Off Ramp Reconfig	\$20M	No updated construction costs provided, pending development of 710 and Fremont
Additional Traffic Synchronization/Bike and Ped Improvements	\$38.5M	N/A at this time. These improvements are not Caltrans-related projects.
<b>Total</b>	<b>\$240.9M</b>	

\*Planning-level estimates are preliminary and will continue to be refined during future project development

\*Caltrans expressed willingness to partner with the City on future funding opportunities, including:

- Congestion Mitigation and Air Quality Improvement (CMAQ) Program
- Senate Bill 1 (SB 1) transportation programs
- Congestion relief and corridor operational improvement funding programs
- Other future state or federal transportation funding opportunities

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# Next Steps

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# Next Steps

- **Option 1: Advance Fremont PA&ED and 710 Stub PSR-PDS Concurrently**
  - Allows corridor-wide traffic analysis (Fremont PA&ED) to:
    - evaluate existing and future I-10 corridor operations
    - study Fremont alternatives and proposed 710 Stub arterial concept together
    - provide analysis to inform 710 Stub PSR-PDS, future corridor improvements, and sequencing
    - begin now
  - Does not commit the City to any specific alternative or improvement
  
- **Option 2: Advance 710 Stub PSR-PDS Independently**
  - Focuses near-term efforts on advancing 710 Stub PSR-PDS
  - Delays corridor-wide traffic analysis (only at PA&ED) that would inform evaluation and approval of the 710 Stub PSR-PDS
  - Fremont PSR-PDS may require future updates prior to initiating Fremont PA&ED

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# Questions and Comments

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