

# ROUTE 238 CORRIDOR IMPROVEMENT PROJECT PHASE 1

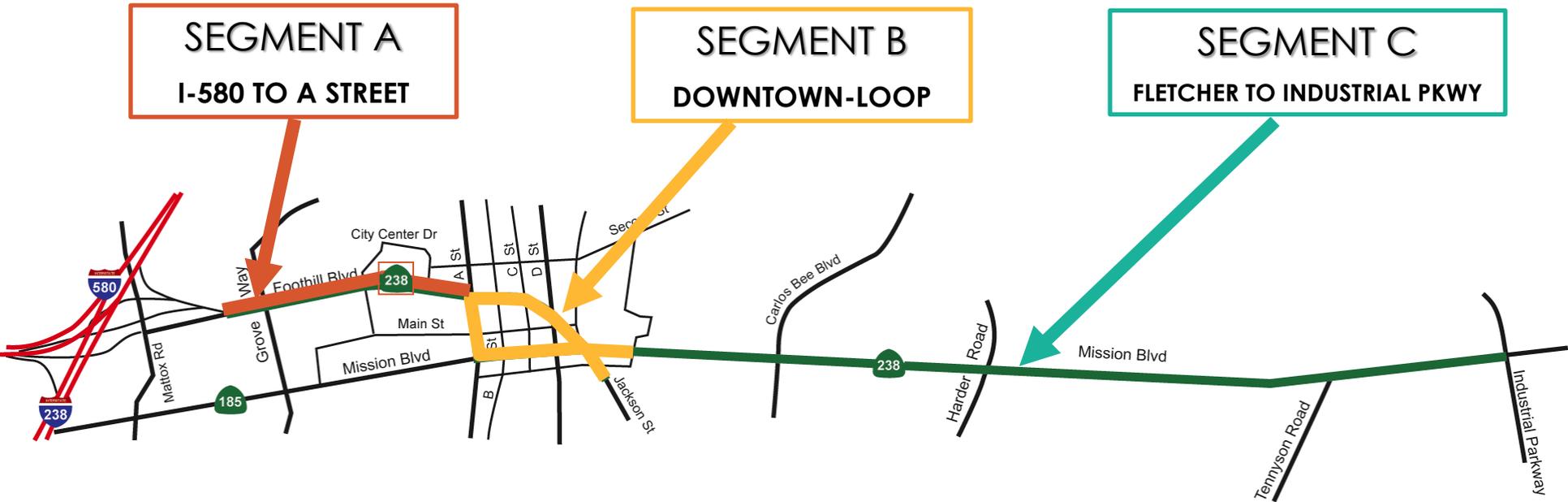


CITY OF  
**HAYWARD**  
HEART OF THE BAY



FINAL PROJECT UPDATE  
NOVEMBER 18, 2014

# PROJECT OVERVIEW



## SEGMENT A

- Three lanes + peak hour lane in each direction

## SEGMENT B

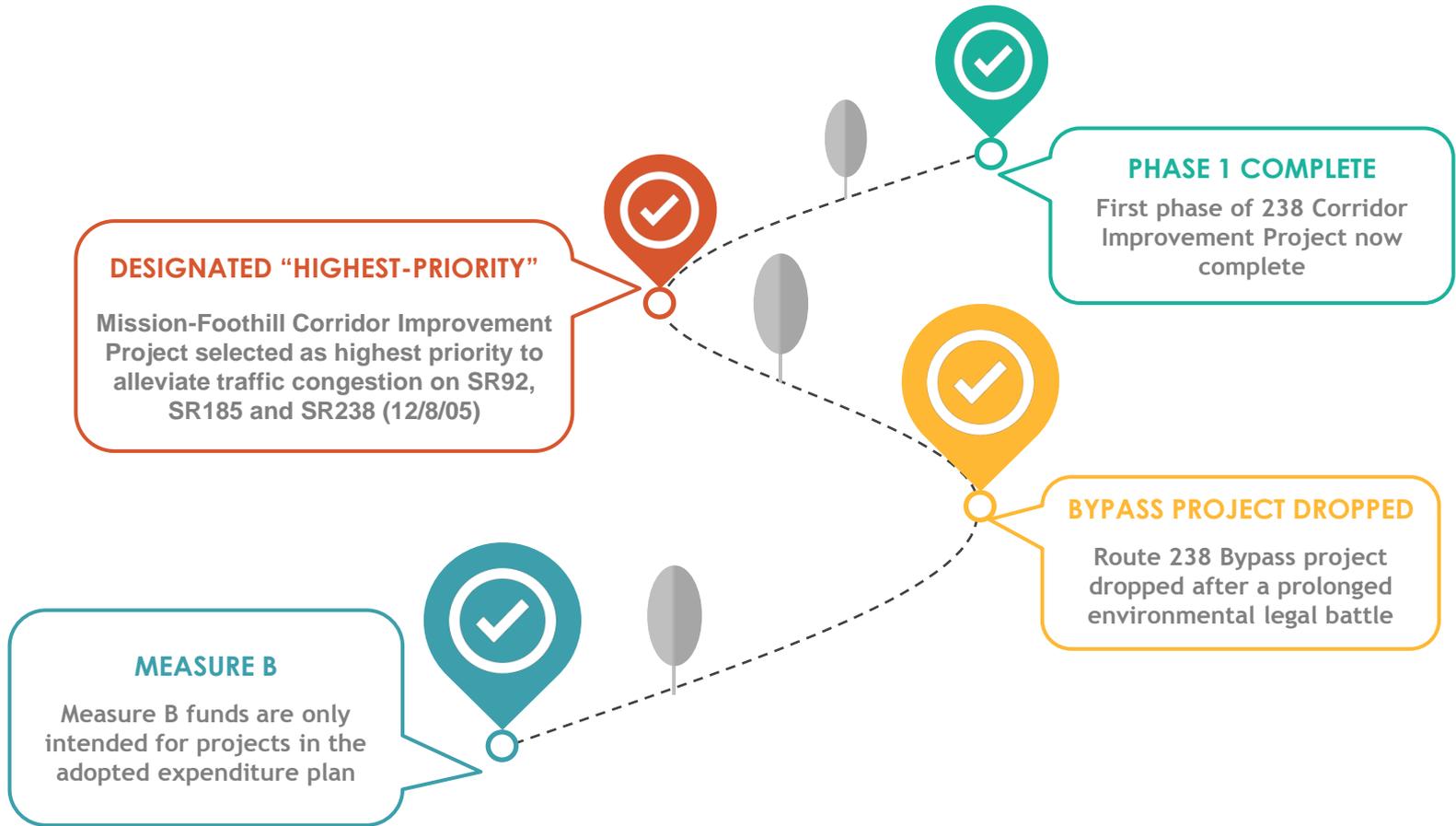
- Foothill Blvd- 6 lanes NB
- A St – 5 lanes WB
- Mission Blvd – 5 lanes SB

## SEGMENT C

- 2 lanes + Peak Hour Lane each direction north of Palisades.
- Carlos Bee, Harder & Tennyson improved
- LT Lane at Moreau HS

# BACKGROUND

AN (EXTREMELY) ABRIDGED HISTORY



# PRIMARY OBJECTIVES



## SUMMARY

“A transportation corridor that would attain the primary goal of relieving congestion, and meet needs expressed by public and private interest stakeholders”



# PROJECT OBJECTIVES

HOW WE DEFINE SUCCESS.

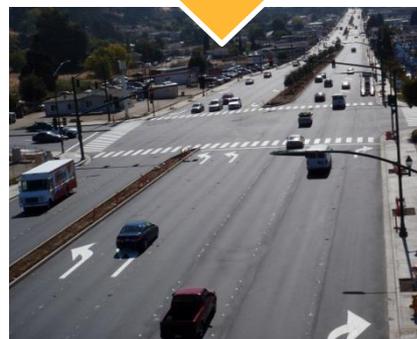
REDUCE TRAFFIC  
CONGESTION  
& IMPROVE  
FOOTHILL/MISSION  
TRAFFIC  
OPERATIONS



IMPROVE  
ACCESS TO  
CSU EAST BAY



CONSTRUCT A  
FACILITY THAT  
ACCOMMODATES  
CURRENT AND  
FUTURE TRAFFIC  
DEMANDS

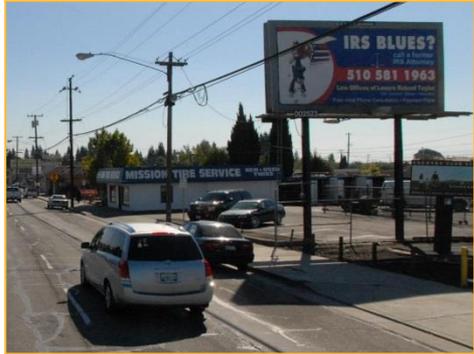
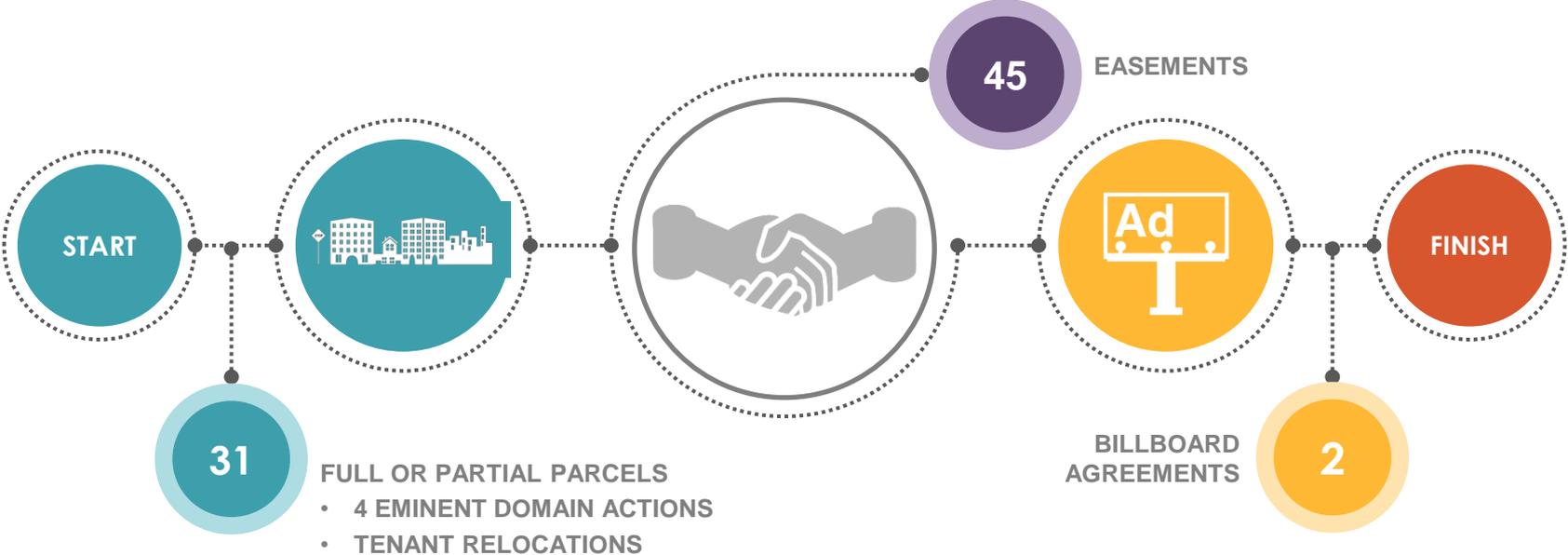


IMPROVE  
PEDESTRIAN &  
BICYCLE ACCESS

MAINTAIN ELIGIBILITY FOR MEASURE B FUNDING

# RIGHT-OF-WAY ACQUISITIONS

FACILITATING PROGRESS





# MAJOR ACCOMPLISHMENTS



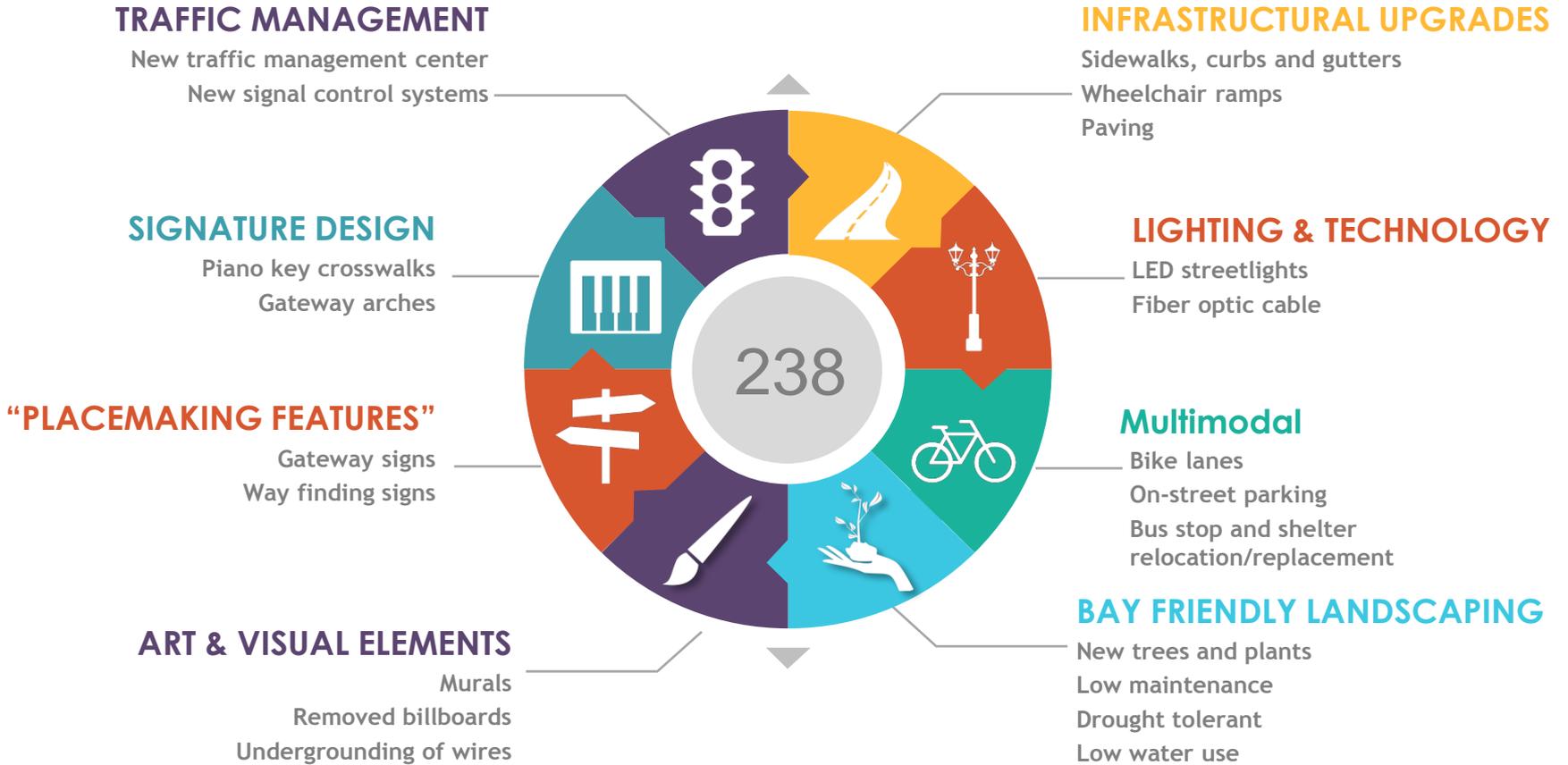
## SUMMARY

The Route 238 Corridor Improvement Project is more than an ambitious streets and roads project; it has transformed a severely congested and barren thoroughfare into an attractively designed facility employing

- State-of-the-art traffic management technology
- Environmentally friendly landscaping
- Major infrastructure upgrades
- Significantly improved intermodal accessibility
- Increased energy efficiency

# ACCOMPLISHMENTS

More than a streets project; a transformation.



# TRAFFIC OPERATIONS

Mission/Foothill Volume ~ 31,000 vehicles per day



**TARGET LEVEL OF SERVICE (LOS): "E"**



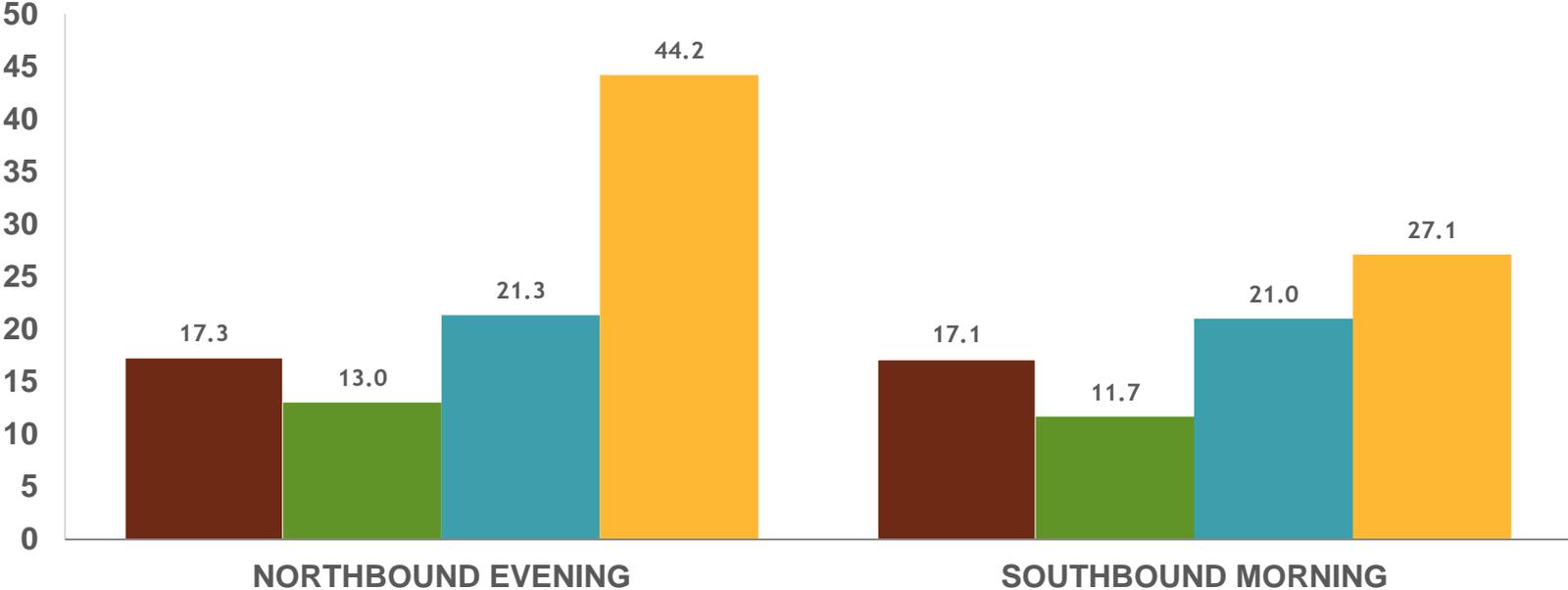
**POST-PROJECT LOS: "D" OR BETTER**



**NO PROJECT – LOS "F" @ 3 INTERSECTIONS**

# TRAVEL TIMES THROUGH THE CORRIDOR

Travel times from Mission/Industrial to Foothill/Mattox  
(minutes)



**PRE-PROJECT**  
(2003)

**CURRENT**  
(April 2014)

**PROJECT**  
(2025)

**NO-PROJECT**  
(2025)

# COMMUNITY OUTREACH

COMMUNICATING CHANGE TO THE PUBLIC



## INFORMATION PROVIDED THROUGH:

- Weekly website updates
- Hayward Highlights articles
- Monthly downtown merchant meetings
- Chamber of Commerce presentations
- Water bill inserts

- Media interviews
- Access Hayward responses
- Construction signs
- Paid advertising
- Social media

# CONSTRUCTION CHALLENGES



## SUMMARY

Any initiative of this scale is destined to be met with obstacles. Primary challenges during construction included congestion & traffic control, extensive utility company coordination, the conversion of one-way to two-way streets and the installation of five traffic signal bridges.

The work itself also uncovered a wide range of unforeseen conditions, many of which presented previously unknown health and safety risks. The 238 project provided an opportunity to mitigate these issues.





# ONGOING CHALLENGES



## SUMMARY

Although the Route 238 Corridor Improvement Project has resulted in an overall decrease in congestion and collisions ongoing challenges remain with respect to:

- Speeding
- Cut-through traffic
- Weaving @ Foothill/D Street convergence.

# ONGOING CHALLENGES

Speeding, cut-through traffic, Foothill/D St. Convergence

01

## SPEEDING

- Signal progression adjusted
- Converted travel lane to parking lane
- West side of Mission Blvd b/w B & D St.
- East side to be converted next
- Three “E” approach

02

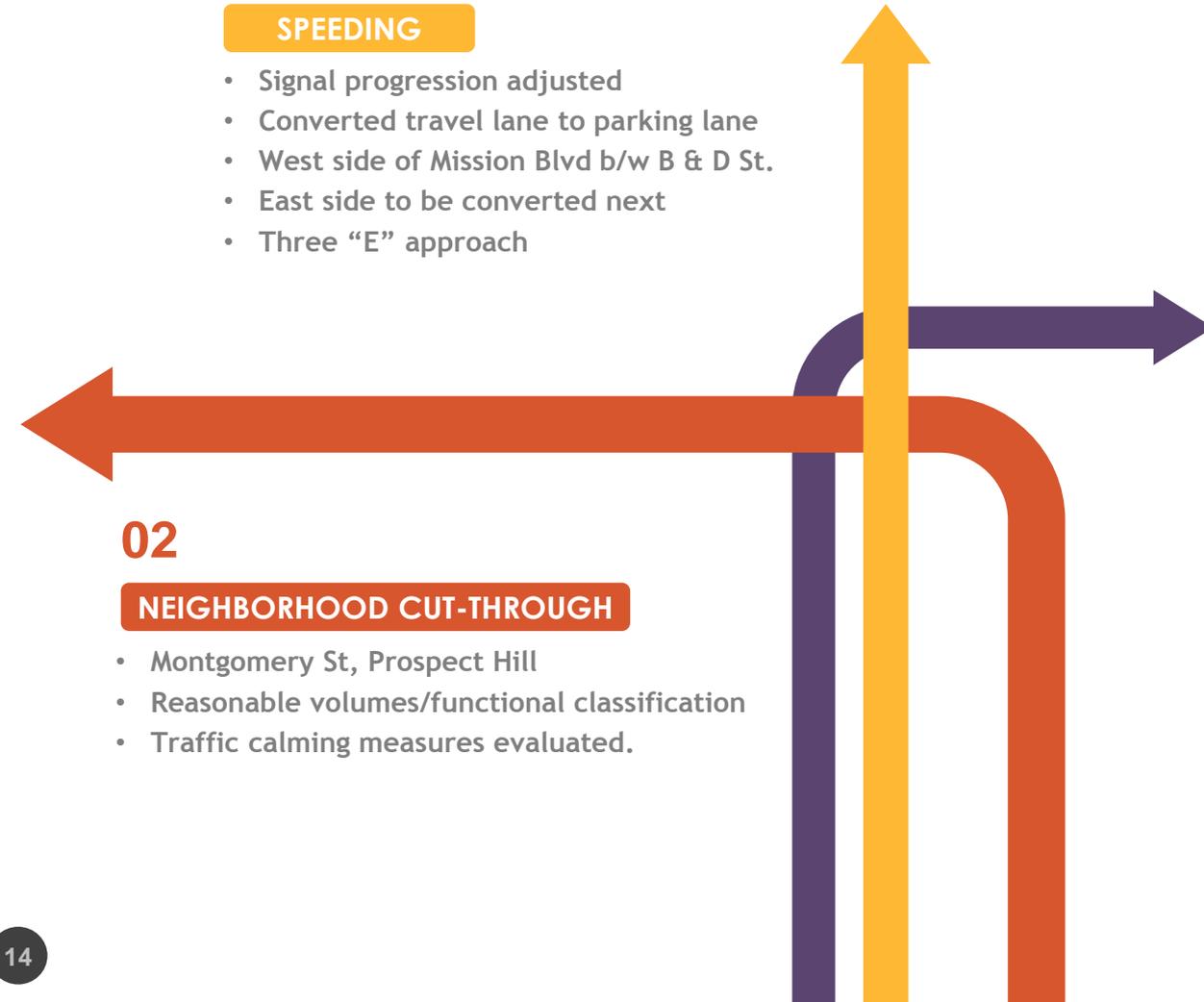
## NEIGHBORHOOD CUT-THROUGH

- Montgomery St, Prospect Hill
- Reasonable volumes/functional classification
- Traffic calming measures evaluated.

03

## FOOTHILL/D ST. CONVERGENCE

- High volumes prohibit signal phase staggering.





# WHAT'S NEXT?

## TRAFFIC & ACCESSIBILITY

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### SUMMARY

The Downtown section of the Route 238 Corridor Improvement Project is in line for even further improvement after the City secured an ACTC grant to complete a downtown specific plan.

# ON THE HORIZON





# AWARDS



## 2013 CROWN COMMUNITIES AWARD

American City and County magazine

## 2014 ENGINEERING EXCELLENCE MERIT AWARD

American Council of Engineering Companies (California)

## 2014 PROJECT OF THE YEAR (TRANSPORTATION PROJECTS > \$75M)

American Public Works Association - Northern California Chapter

## 2014 OUTSTANDING LOCAL STREETS & ROADS PROJECT

League of California Cities/California State Association of Counties/County Engineers Association of California

## 2014 LOCAL STREETS PROJECT OF THE YEAR

California Transportation Foundation

## 2014 LARGE PROJECT OF THE YEAR

American Society of Civil Engineers (SF Section)

# QUESTIONS?

