

**Council Infrastructure Committee**

**January 24, 2018**

**Agenda Item 2 – RPT 18-022**

**Mission Blvd. Corridor Improvements Phases 3 Project Update**



COUNCIL  
INFRASTRUCTURE  
COMMITTEE MEETING

MISSION BOULEVARD  
CORRIDOR IMPROVEMENTS  
PHASE 3

PROJECT UPDATE

PRESENTATION  
1-24-2018

DAVE HUNG  
PUBLIC WORKS



# Phases



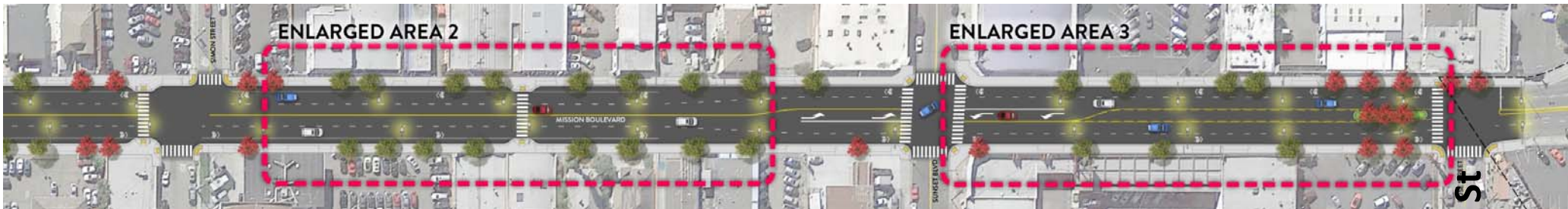
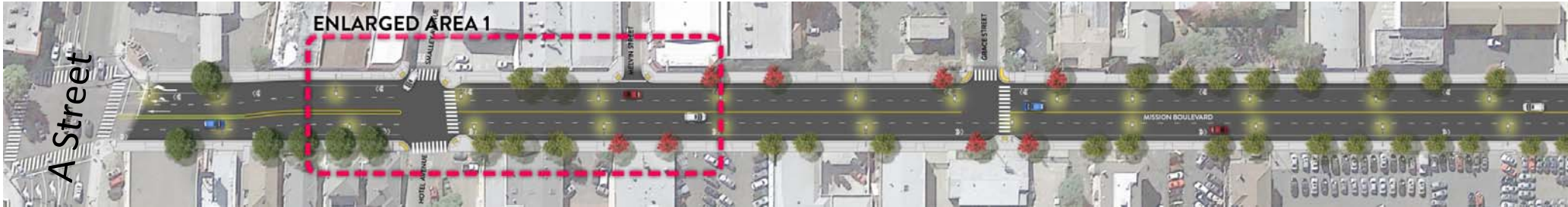
PHASE 3

PHASE 1

PHASE 2

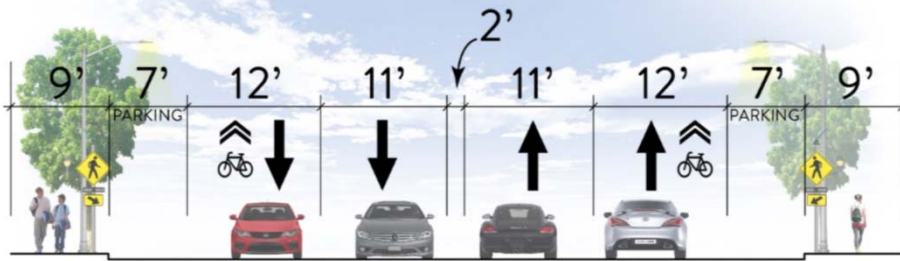
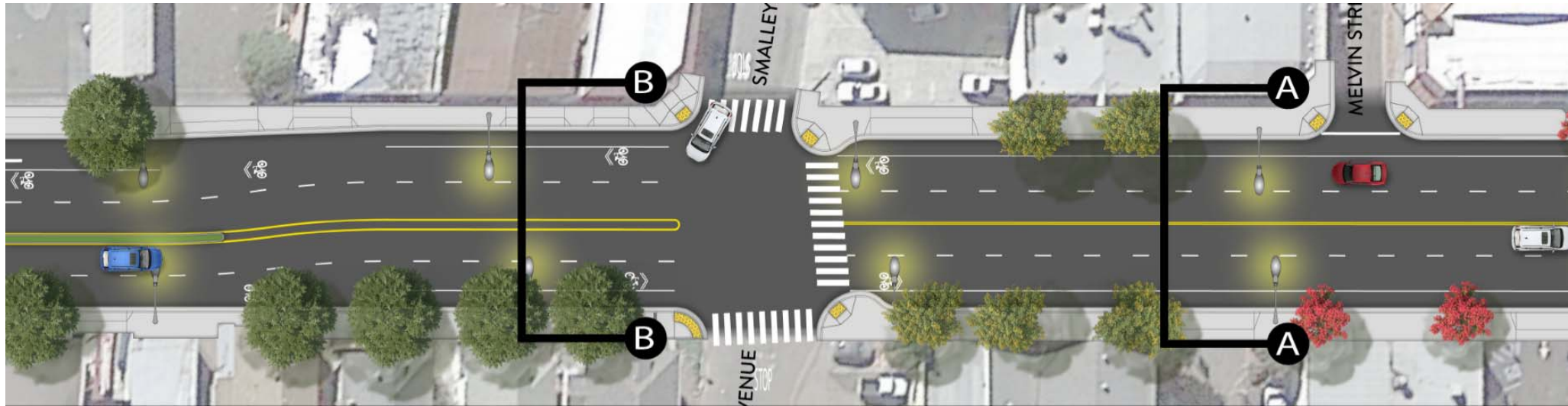


# Overall Plans





# Enlarged Area 1



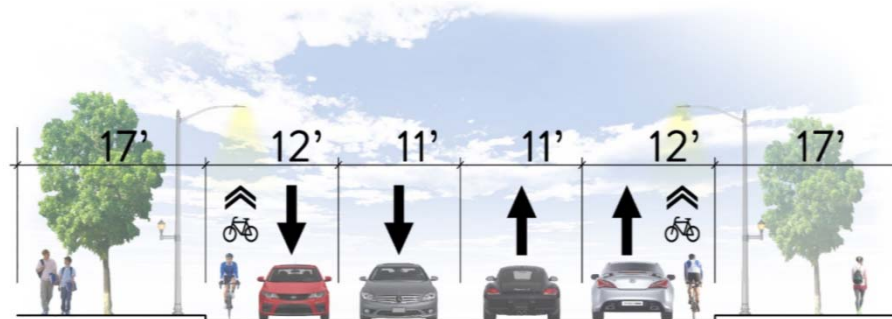
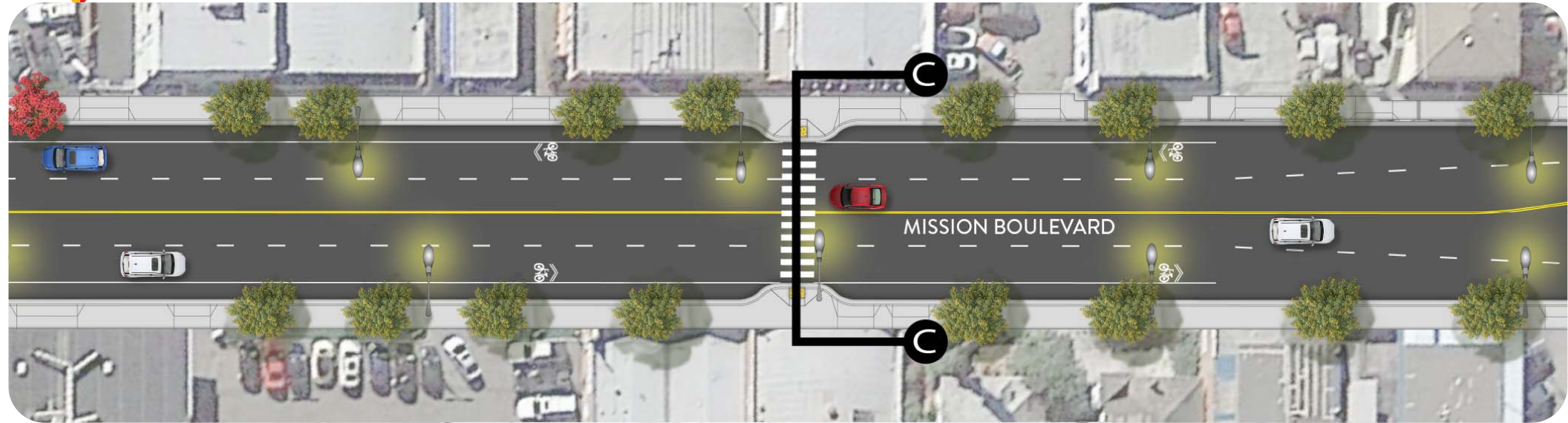
SECTION B-B



SECTION A-A



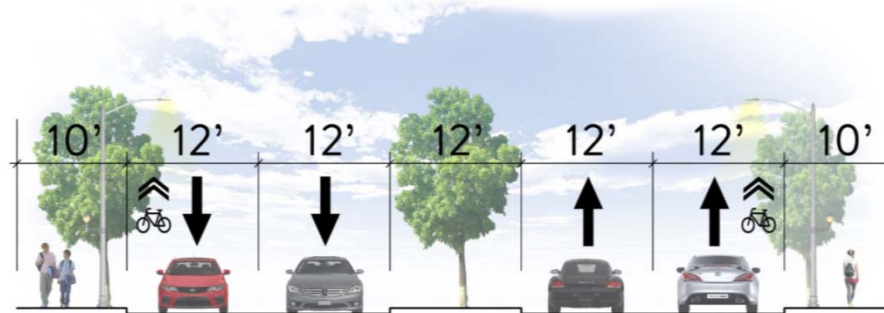
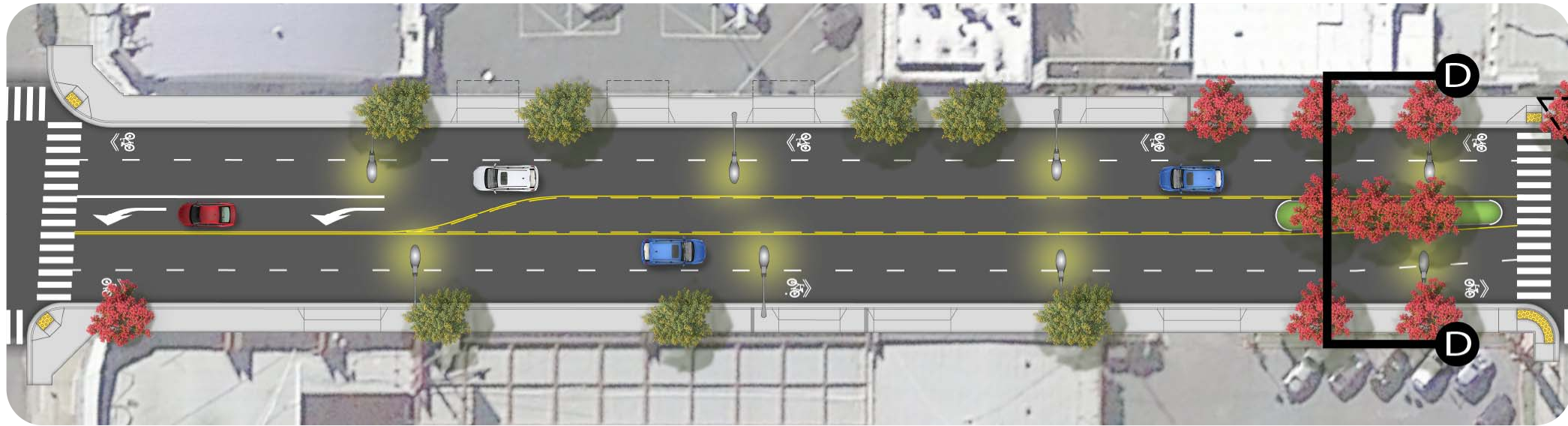
# Enlarged Area 2



SECTION C-C



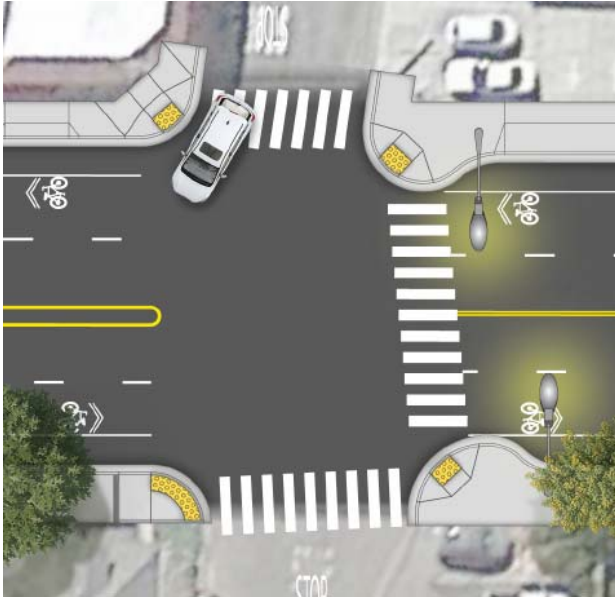
# Enlarged Area 3



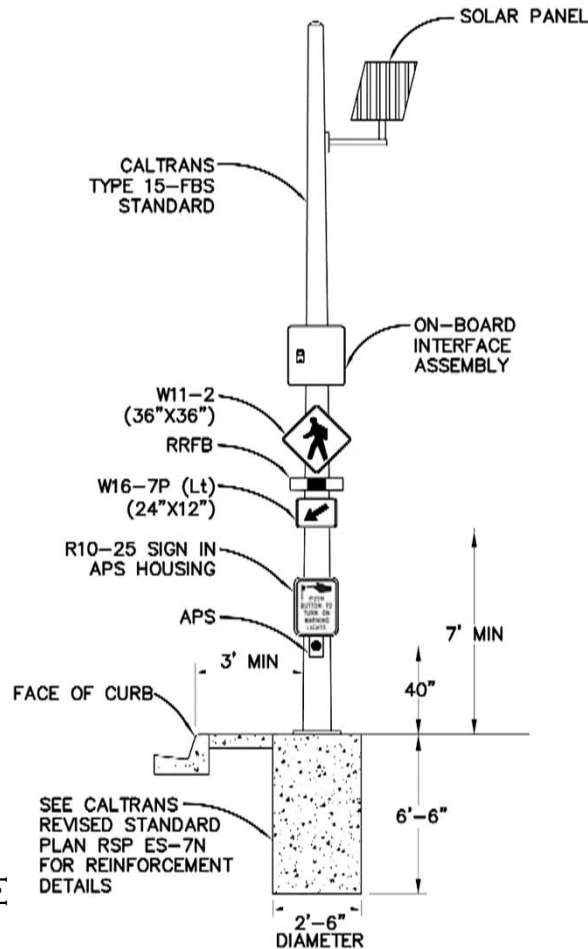
SECTION D-D



# Design Elements for Pedestrians



SIDEWALK, CURB RAMPS &  
SHORTER CROSSING DISTANCE



RRFB ON TYPE 15-FBS STANDARD  
WITH FIXED BASE  
DETAIL E  
NTS



STREETLIGHTS

## WARNING SIGNS





# Design Elements for Bicyclists





# Sharrows on Mission Blvd

## AC Transit



- High Frequency Routes
- High Ridership
- Bus/Bike Collisions

## Lane Configuration

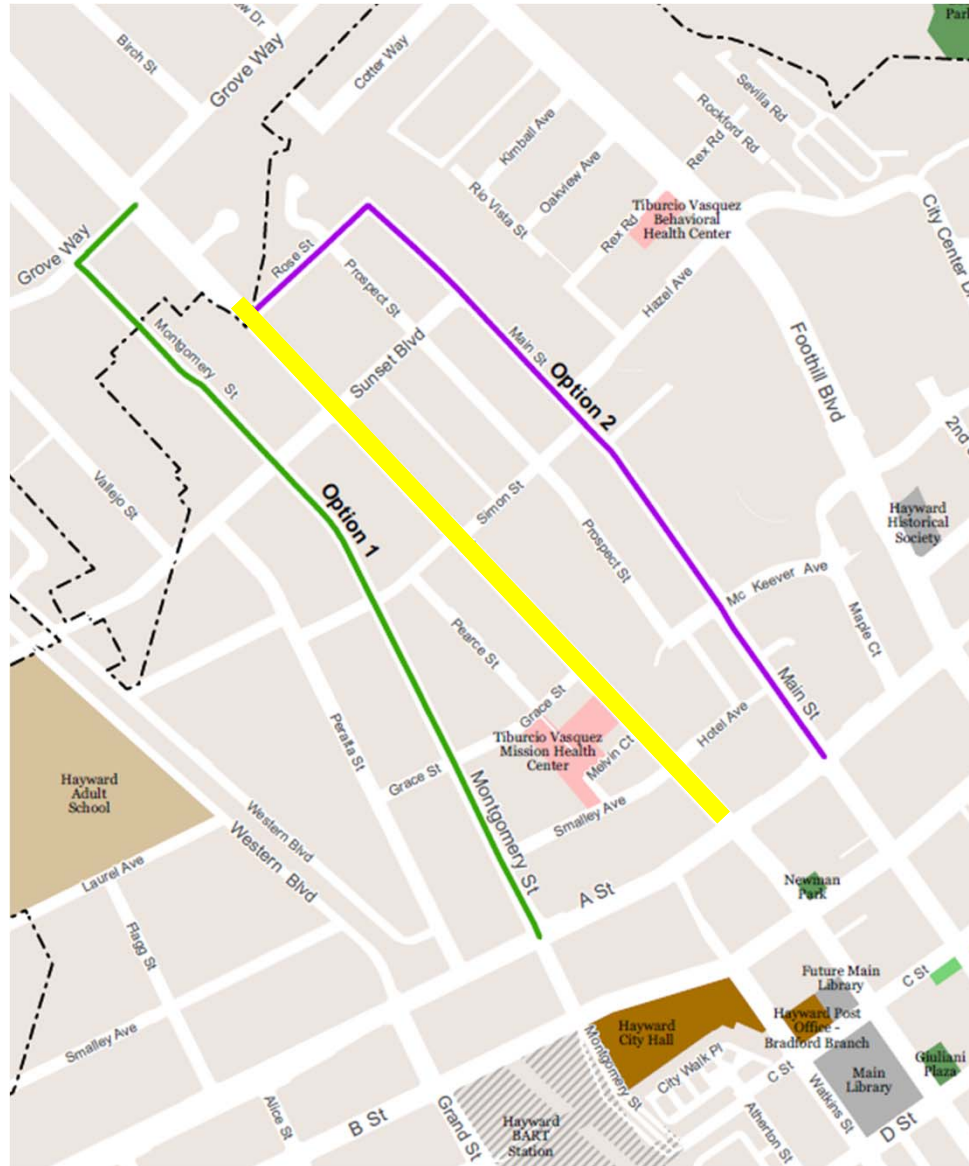


- 22,000 ADT
- 1900 Peak Hour Volume
- Need 2 Travel Lanes
- High Parking Utilization
- Limited ROW



# Alternate Bicycle Routes

- Montgomery St
- Main St





# Design Elements for Motorists



- IMPROVEMENT TO EXISTING TRAFFIC SIGNAL AT SUNSET BLVD
- ADD LEFT TURN POCKETS
- IMPROVE PAVEMENT



# Underground Overhead Utilities



- JOINT TRENCH WILL BE ON ONE SIDE OF STREET
- VAULTS WILL BE IN SIDEWALK
- SERVICE CONVERSION



# Landscape



*Platanus acerifolia* 'Colombia'  
London Plane Tree



*Ginkgo biloba* 'Princeton Sentry'  
Columnar Ginkgo (male)

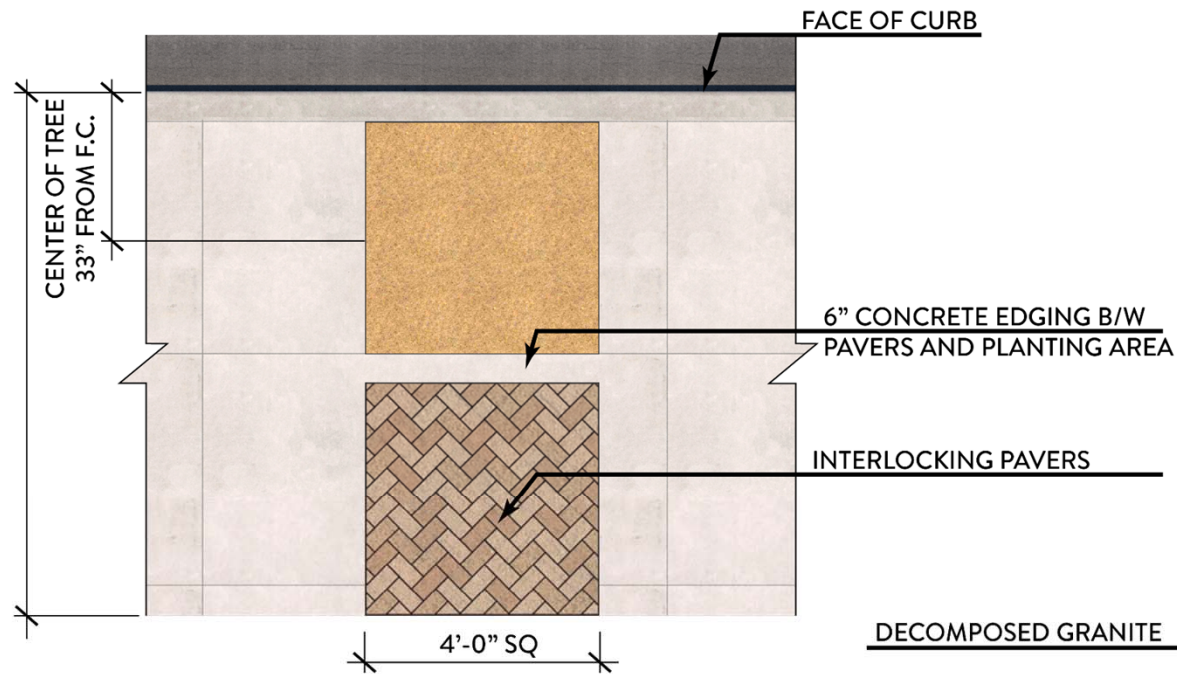


*Lagerstroemia indica*  
Crape Myrtle





# Landscape



INTERLOCKING PAVERS



TREE PLANTING AREA



# Median Elements

PLAN VIEW



FRONT ELEVATION



Blue Fescue



Sedum



Blue Hill Sage

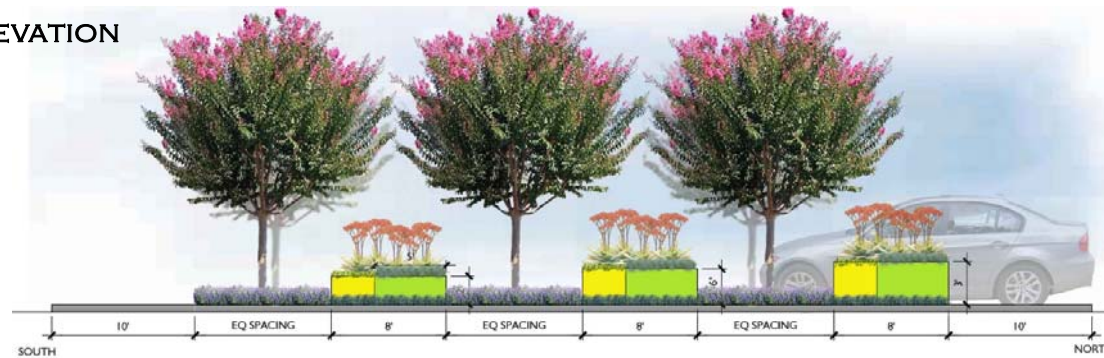


Coral Aloe



Senecio

SIDE ELEVATION







## Project Cost

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Phase 3	Estimated Cost
Design	\$1,000,000
Utility Undergrounding	\$5,000,000
Construction	\$8,000,000
Construction Admin, Inspection, Testing	\$1,000,000
PLA/CWA	\$500,000
Phase 3 Project Total	\$15,500,000

FUNDING SOURCE  
Measure BB - \$12,500,000



# Project Schedule

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- . Complete Design January 2019
- . Begin Construction July 2019
- . Complete Construction May 2020

-Schedule is contingent on design by utility companies



# Q&A

**Council Infrastructure Committee**

**January 24, 2018**

**Agenda Item 3 – RPT 18-026**

**Old Highlands Homeowners Association (OHHA) Update**



# OLD HIGHLANDS HOMEOWNERS ASSOCIATION

Council Infrastructure Committee  
Presentation  
January 24, 2018

Kevin Briggs  
SENIOR CIVIL ENGINEER



## BACKGROUND (UPDATES)

- July 24, 2017 – Staff presented a report on the Old Highlands Homeowners Association (OHHA) to the Council Infrastructure Committee
- January 18, 2018 – Staff attended an OHHA neighborhood meeting where the OHHA Board of Directors presented tentative terms of an agreement for financing pavement rehabilitation to 58 residents/property owners



## 50/50

### Cost Allocation

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The work is to be funded equally by City and OHHA property owners.

- 5-6 year project
- \$1 mil/ year



## 20 Years

### Reimbursement Period

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The City will provide the initial funding with property owner reimbursement over a twenty-year period.



## FY 2020

### Tentative Start Date

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Pending a vote to approve the finance mechanism, the estimated start date will be scheduled mid-2020.



## Funding

Proposed Streets	FY 20
Tribune & Cotati	\$1.4 Million

- Priority of streets to be determined by OHHA Board
- Approximately \$1 million per year from pavement rehab program



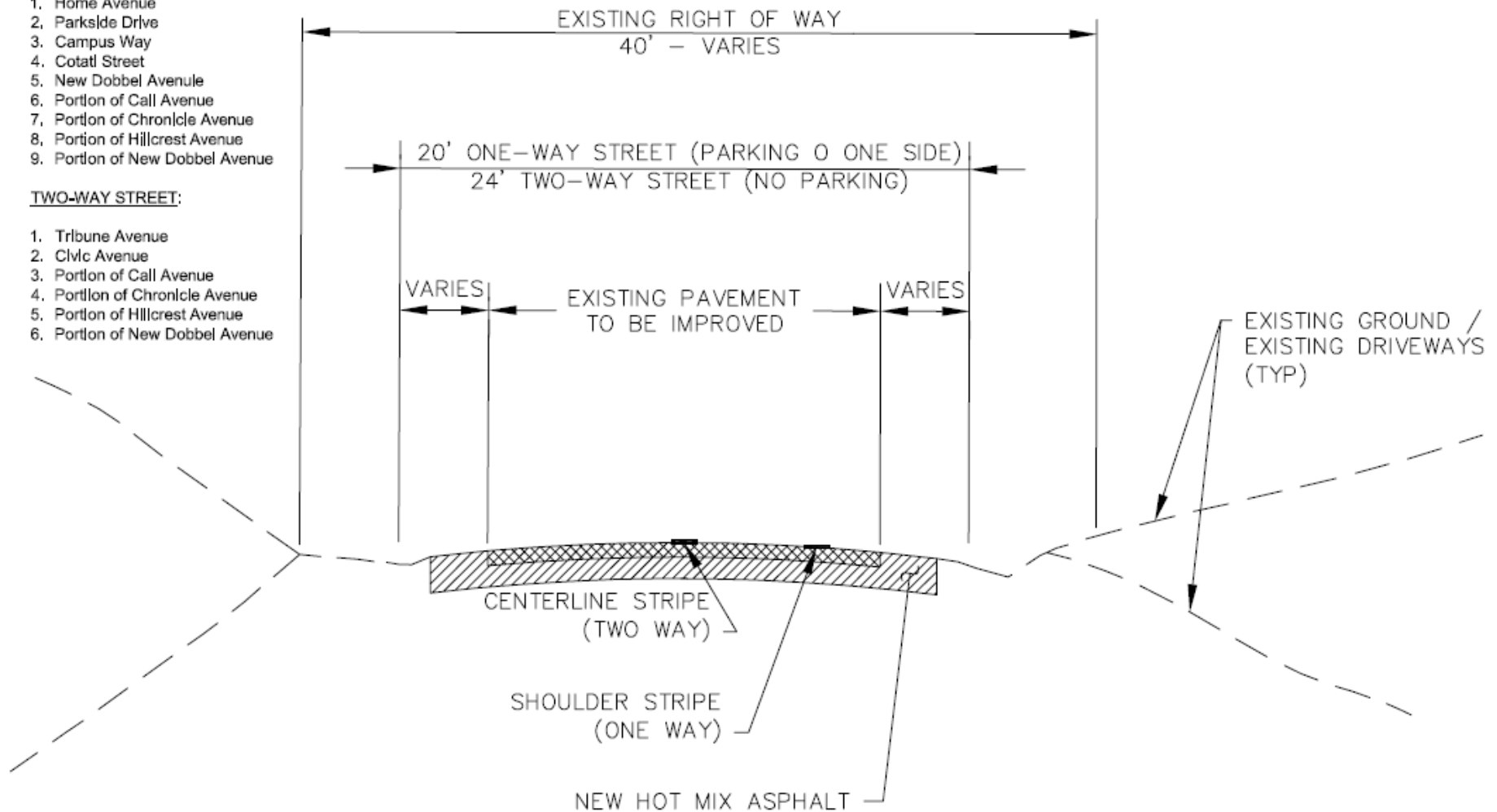


ONE WAY STREET:

1. Home Avenue
2. Parkside Drive
3. Campus Way
4. Cotatl Street
5. New Dobbel Avenue
6. Portion of Call Avenue
7. Portion of Chronicle Avenue
8. Portion of Hillcrest Avenue
9. Portion of New Dobbel Avenue

TWO-WAY STREET:

1. Tribune Avenue
2. Civic Avenue
3. Portion of Call Avenue
4. Portion of Chronicle Avenue
5. Portion of Hillcrest Avenue
6. Portion of New Dobbel Avenue

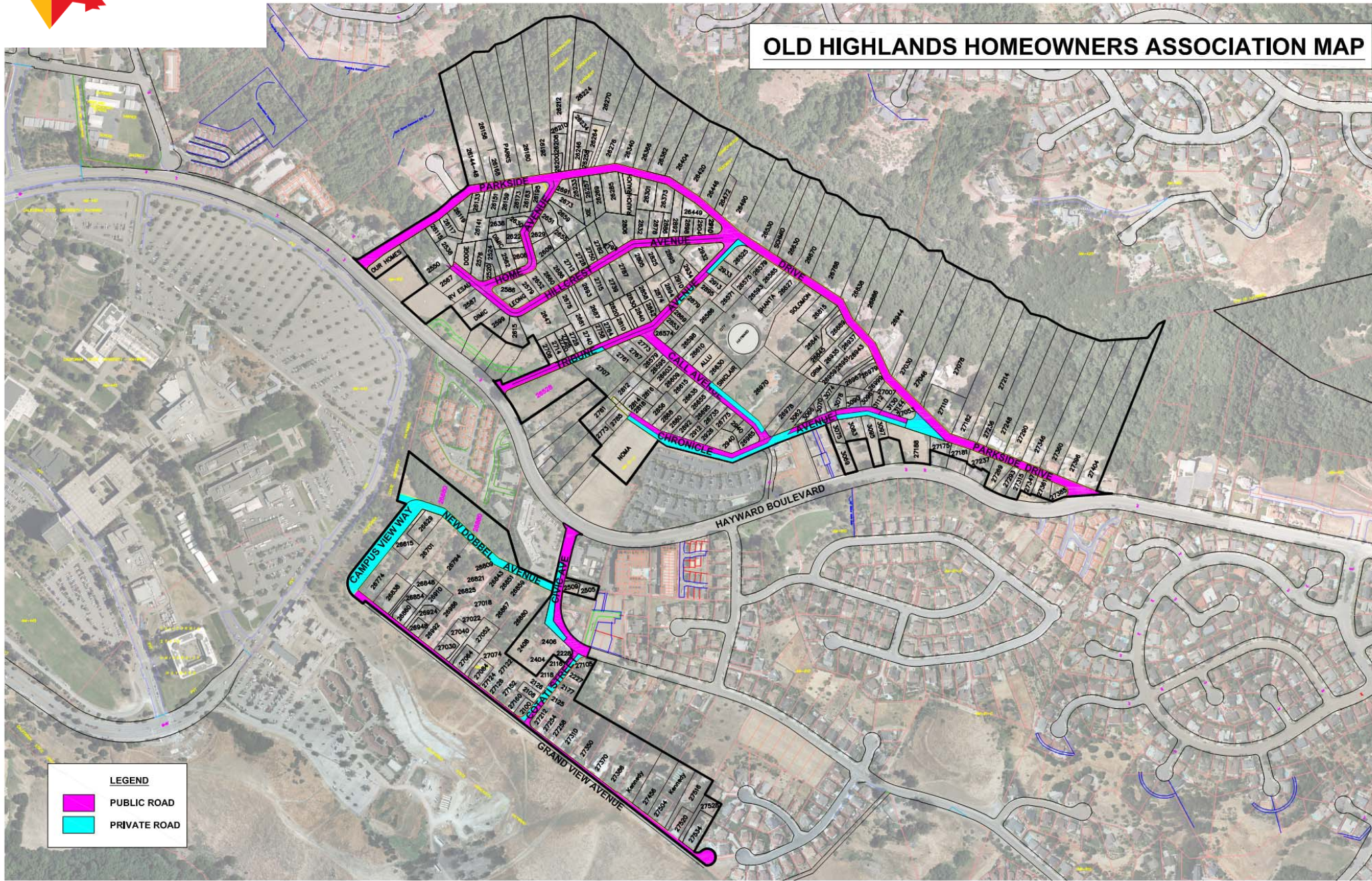


# TYPICAL ROADWAY IMPROVEMENTS



N.T.S.

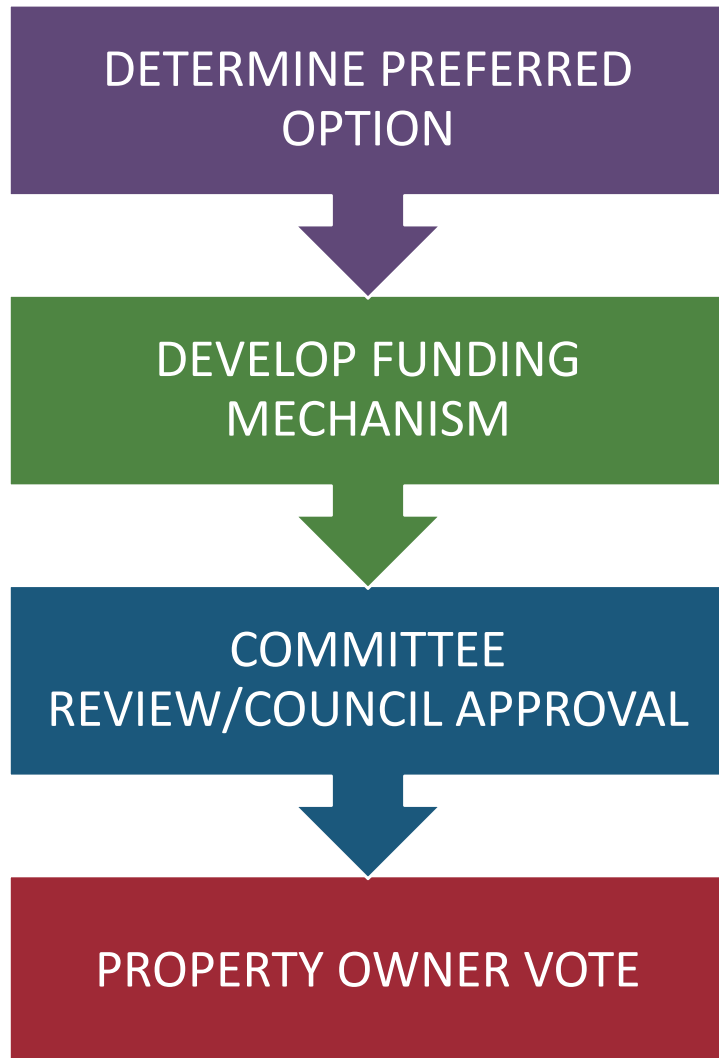


**OLD HIGHLANDS HOMEOWNERS ASSOCIATION MAP**



**LEGEND**

-  PUBLIC ROAD
-  PRIVATE ROAD



OHHA residents informally voted in favor of implementing a funding mechanism.

Professional Services Agreement to prepare an Engineer's Report, including, scope of work, estimated costs, benefit area and benefit formula.

Potential Community Facilities District or other means for assessing costs to property owners will require a majority vote of registered voters.

Grant deed documents for roadway dedication will be prepared by City surveyor and signed by property owners.



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Questions?

**Council Infrastructure Committee**

**January 24, 2018**

**Agenda Item 4 – ACT 18-006**

**Downtown Parking Management Plan - Recommendations**



# DOWNTOWN HAYWARD PARKING STUDY RECOMMENDATIONS



Fred Kelley  
Transportation Manager  
Public Works

January 24, 2018

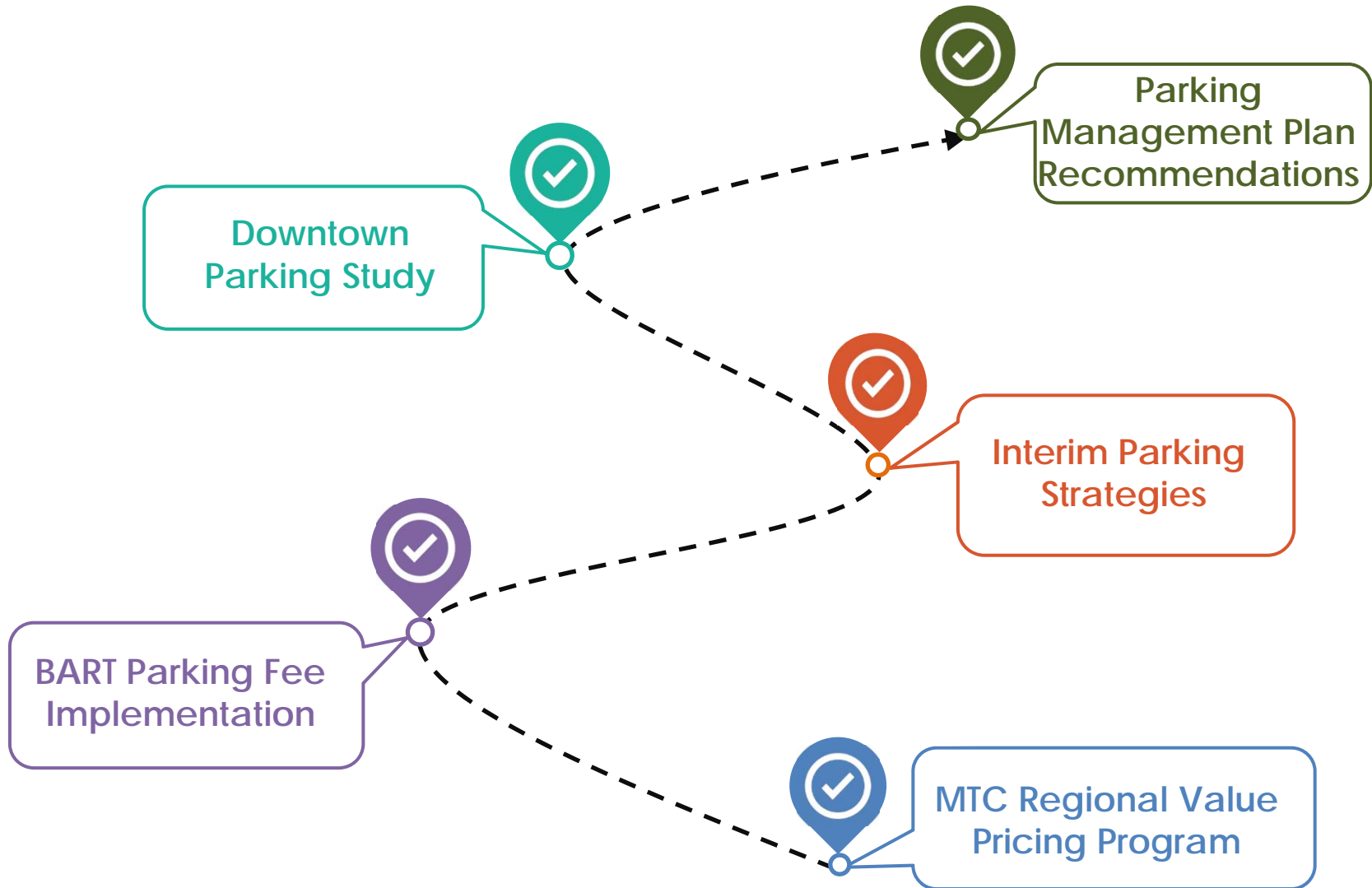
## Staff Recommendation

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Committee provides comments on proposed parking management plan for Downtown Hayward

# Background

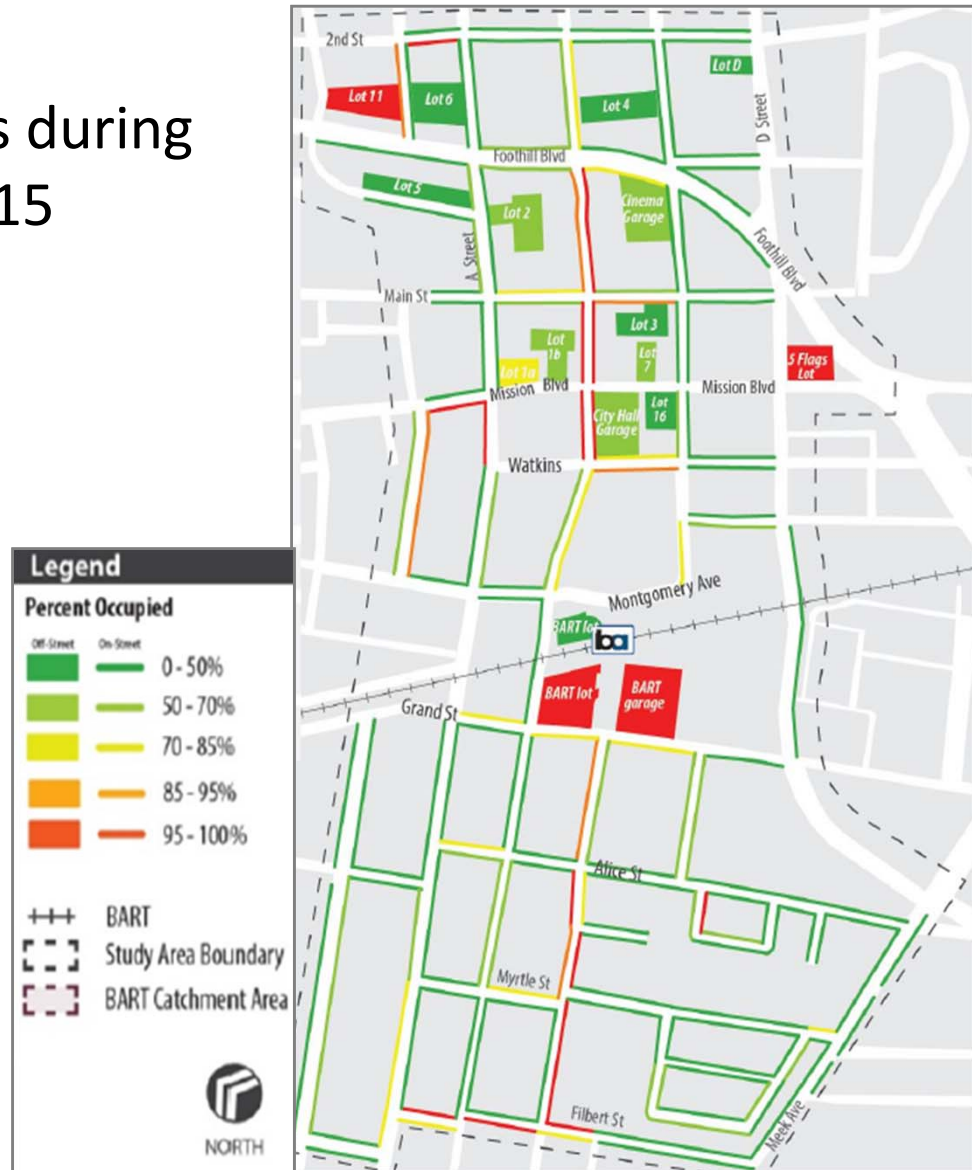
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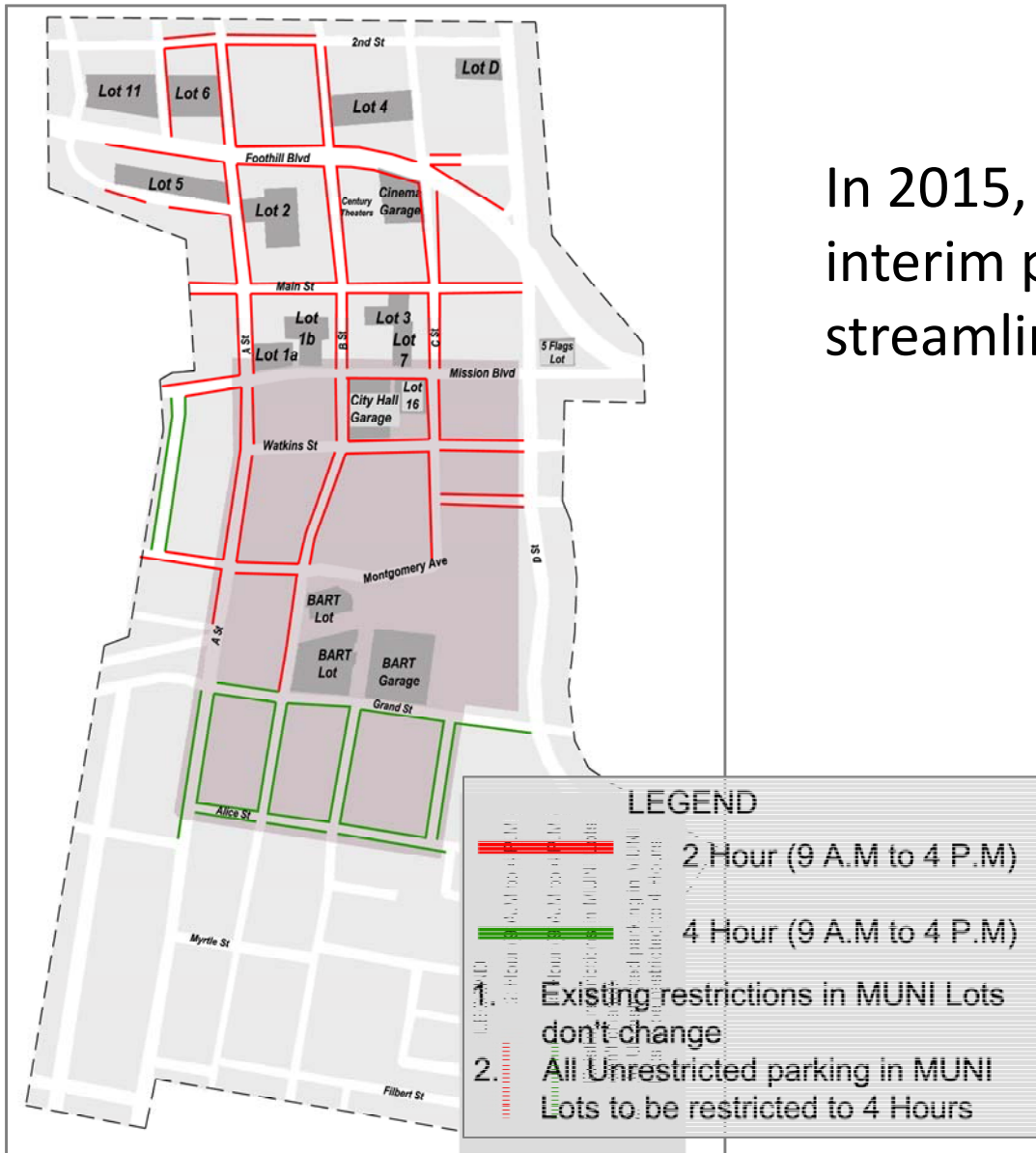


# Data Collection Efforts

Parking occupancy analysis during mid-day peak period in 2015



# Interim Parking Strategies



In 2015, Hayward implemented interim parking strategies to streamline parking restrictions

# Community Outreach

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Date	Event
April 2015	Council Economic Development Committee
October 2015	Downtown Intercept Survey <ul style="list-style-type: none"><li>• Friday Night @ B Street Cinema Place</li><li>• Saturday Morning @ Farmers Market</li><li>• 134 Survey Responders</li></ul>
November 2015	On-line survey <ul style="list-style-type: none"><li>• 840 Survey Responders</li></ul>
Summer 2017	Merchant & Resident Interviews

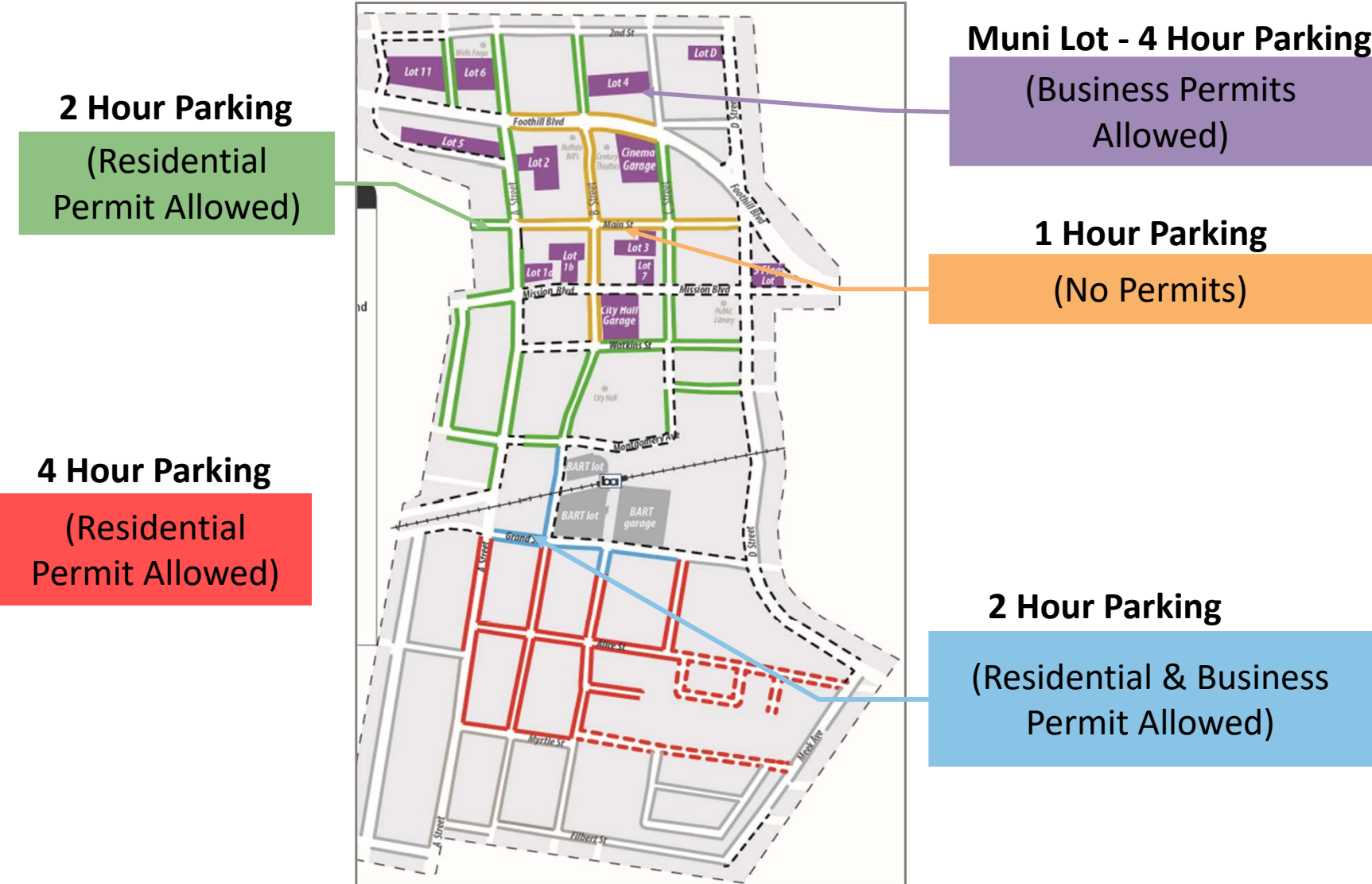
# Parking Management Plan Components

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# Time Restriction

Recommendations - 9:00AM to 4:00 PM



# Residential Parking Permit (RPP)

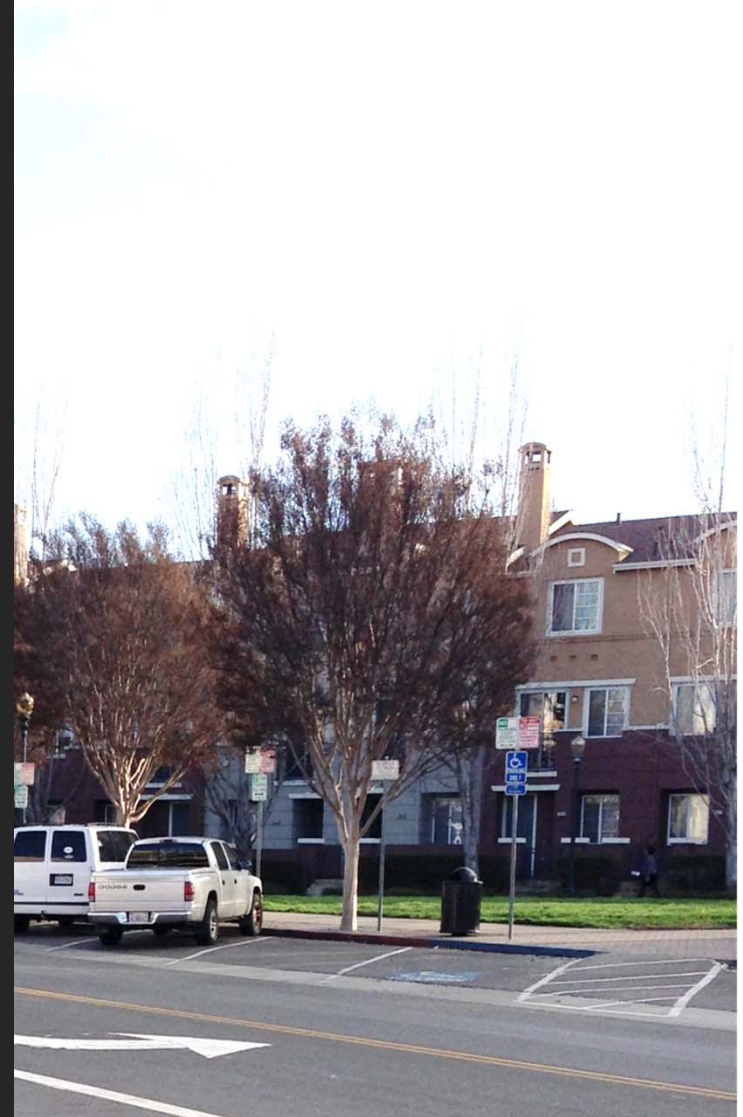
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## Recommendations

- A. 1<sup>st</sup> permit free, 2<sup>nd</sup> permit \$150/year
- B. Limit of 2 permits/household
- C. Guest permits: 5-day limit - \$5/permit

## Rationale

- First permit free - Hayward Initiative
- 2<sup>nd</sup> permit is high to discourage multiple vehicle ownership in Transit Oriented Development



# RPP Programs – Nearby Cities

**Table 2 – RPP Programs Implemented in Nearby Cities**

City	Annual Fee	Comments
Oakland	\$59.00 to \$160.00	Depends on location Visitor permits one day \$5-10 Visitor permits two-weeks \$25-50
San Francisco	\$111.00	No limit on # of permits
Berkeley	\$55.00	No limit on # of permits
Emeryville	\$20.00	No limit on # of permits
San Leandro	\$20.00 for the first permit \$40.00 for the second permit	Limit of two permits 14-day visitor permits at \$10 each
Union City (BART Station Area North)	\$11.00 for the first vehicle \$3.82 for up to two additional vehicles	guest permit placards \$11.00 for the first guest permit and \$3.82 for the second guest permit
San Jose	\$35.00	No limit on # of permits
Palo Alto	\$50.00	Daily Visitor Permit for \$6.00
Sacramento	Free	Guest Permits are also free
Hayward (Existing RPP Zones)	\$50.00	No limit on # of permits. Guest Permits are \$25.00
Hayward (Proposed Downtown RPP Zone)	First Permit is free Second Permit is \$150.00	Guest Permits are \$5.00 for a five-day permit, limit of two permits

# Business Parking Permit

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## Recommendations

- A. 0-5 Permits: \$25/year/permit
- B. 5-10 Permits: \$40/year/permit
- C. 10-20 Permits: \$60/year/permit
- D. Limit of 20 permits/business

## Rationale

- Low cost to encourage participation
- Lack of commuter options
- Off-street parking availability






# Business Permit Programs – Nearby Cities

**Table 3 – Employee Permit Pricing in Nearby Cities**

City	Annual Fee	Comments
Oakland	\$96.00	
San Francisco	\$110.00	
Berkeley	\$154.00	
Emeryville	\$20.00	
San Leandro	\$45.00 regular - \$75.00 reserved	
Union City (BART Station Area North)	\$40.00	
San Jose	\$35.00	
Palo Alto	\$100.00 to \$466.00	Daily Visitor Permit for \$6.00
Sacramento	Free	For Low Income Employees
Hayward (Proposed Business Permit)	<ul style="list-style-type: none"> <li>• 0-5 Permits - \$25 per year per permit</li> <li>• 5-10 Permits - \$40 per year per permit</li> <li>• 10-20 Permits - \$60 per year per permit</li> </ul>	Limit of 20 permits per business

# Enforcement

Existing	Year 1 – 2018/19	Year 2 – 2019/20
 <p>Total Salary &amp; Benefits: \$232,587</p> <p>Net Revenue: <b>-\$47,495</b></p> <p>1 <u>contract</u> employee</p>	 <p>Total Salary &amp; Benefit: \$238,402</p> <p>Capital Expenditure: \$120,000</p> <p>Net Revenue with Capital Expenditure*: <b>-\$38,571</b></p> <p>1 full-time employee</p>	 <p>Total Salary &amp; Benefit: \$365,988</p> <p>Capital Expenditure: \$80,000</p> <p>↑ Net Revenue with Capital Expenditure*: \$61,281 ↑</p> <p>2 full-time employees</p>
	<p>Net Revenue (2019 to 2022): &gt;\$81,429</p>	<p>Net Revenue (2020 to 2022): &gt;\$200,000</p>

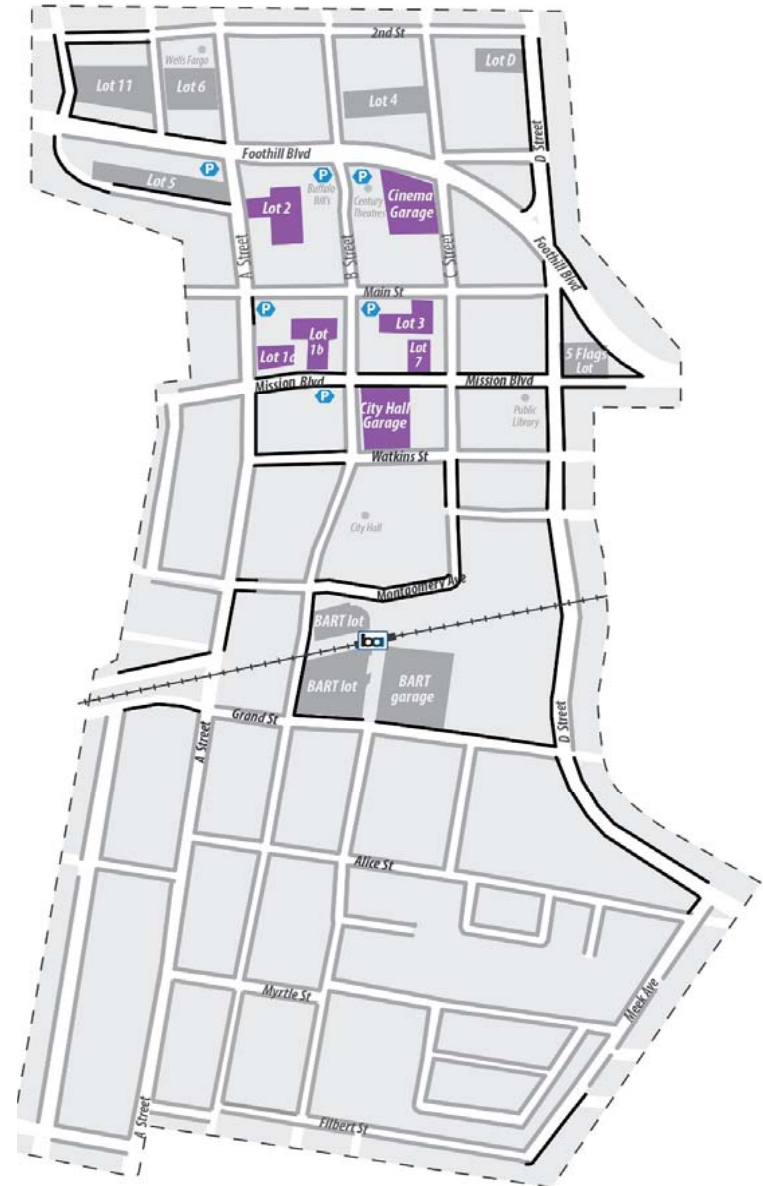
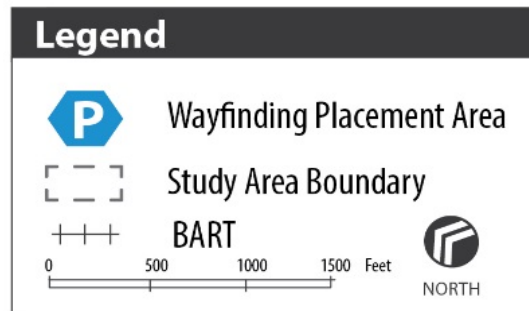
# Wayfinding



## Wayfinding

- Directional Signs
- Parking Lot signs

- Mock-ups to be developed



# Next Steps

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- Chamber of Commerce – February 2, 2018
- City Council – February 2018



# Feedback

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# 5-Year Budget

**Table 4 – Five-Year Parking Program Budget**

	Fiscal Year							
	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22
<b>Revenues</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Estimated</b>				
RPP Permits	\$ 1,813	\$ 18,548	\$ 10,180	\$ 15,270	\$ 16,770	\$ 18,270	\$ 19,770	\$ 21,270
Employee Permits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
South Hayward BART Station <sup>1</sup>	\$ 20,000	\$ 20,500	\$ 21,013	\$ 21,538	\$ 22,076	\$ 22,628	\$ 23,194	\$ 23,774
Citations (gross revenue) <sup>2</sup>	\$ 193,284	\$ 215,168	\$ 215,672	\$ 219,501	\$ 415,978	\$ 690,465	\$ 792,769	\$ 898,109
<b>Total Revenue</b>	<b>\$ 215,096</b>	<b>\$ 254,215</b>	<b>\$ 246,864</b>	<b>\$ 256,308</b>	<b>\$ 454,825</b>	<b>\$ 731,364</b>	<b>\$ 835,732</b>	<b>\$ 943,153</b>
<b>Expenditures</b>								
Positions	1.7	1.7	1.7	1.7	1.7	2.7	2.7	2.7
Salaries and Benefits <sup>3,4</sup>	\$ 215,845	\$ 221,380	\$ 226,914	\$ 232,587	\$ 238,402	\$ 365,988	\$ 375,138	\$ 384,516
Citation Processing/Collections	\$ 61,782	\$ 69,876	\$ 70,009	\$ 71,217	\$ 134,994	\$ 224,094	\$ 257,302	\$ 291,495
<b>Total Expenditures</b>	<b>\$ 277,627</b>	<b>\$ 291,256</b>	<b>\$ 296,923</b>	<b>\$ 303,803</b>	<b>\$ 373,396</b>	<b>\$ 590,082</b>	<b>\$ 632,440</b>	<b>\$ 676,011</b>
<b>Net Revenue</b>	<b>\$ (62,531)</b>	<b>\$ (37,041)</b>	<b>\$ (50,059)</b>	<b>\$ (47,495)</b>	<b>\$ 81,429</b>	<b>\$ 141,281</b>	<b>\$ 203,293</b>	<b>\$ 267,141</b>
Capital Equipment <sup>5</sup>								
Enforcement Vehicles	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -
LPR Equipment	\$ -	\$ -	\$ -	\$ -	\$ 40,000	\$ 40,000	\$ -	\$ -
Signage for Downtown LPR	\$ -	\$ -	\$ -	\$ -	\$ 25,000	\$ -	\$ -	\$ -
Wayfinding Signage Program	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ -	\$ -	\$ -
<b>Subtotal Capital Equipment</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 120,000</b>	<b>\$ 80,000</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Net Revenue Including Capital Expense</b>	<b>\$ (62,531)</b>	<b>\$ (37,041)</b>	<b>\$ (50,059)</b>	<b>\$ (47,495)</b>	<b>\$ (38,571)</b>	<b>\$ 61,281</b>	<b>\$ 203,293</b>	<b>\$ 267,141</b>

**Council Infrastructure Committee**

**January 24, 2018**

**Agenda Item 5 – RPT 18-028**

**East Bay Greenway Update (Oral Report)**



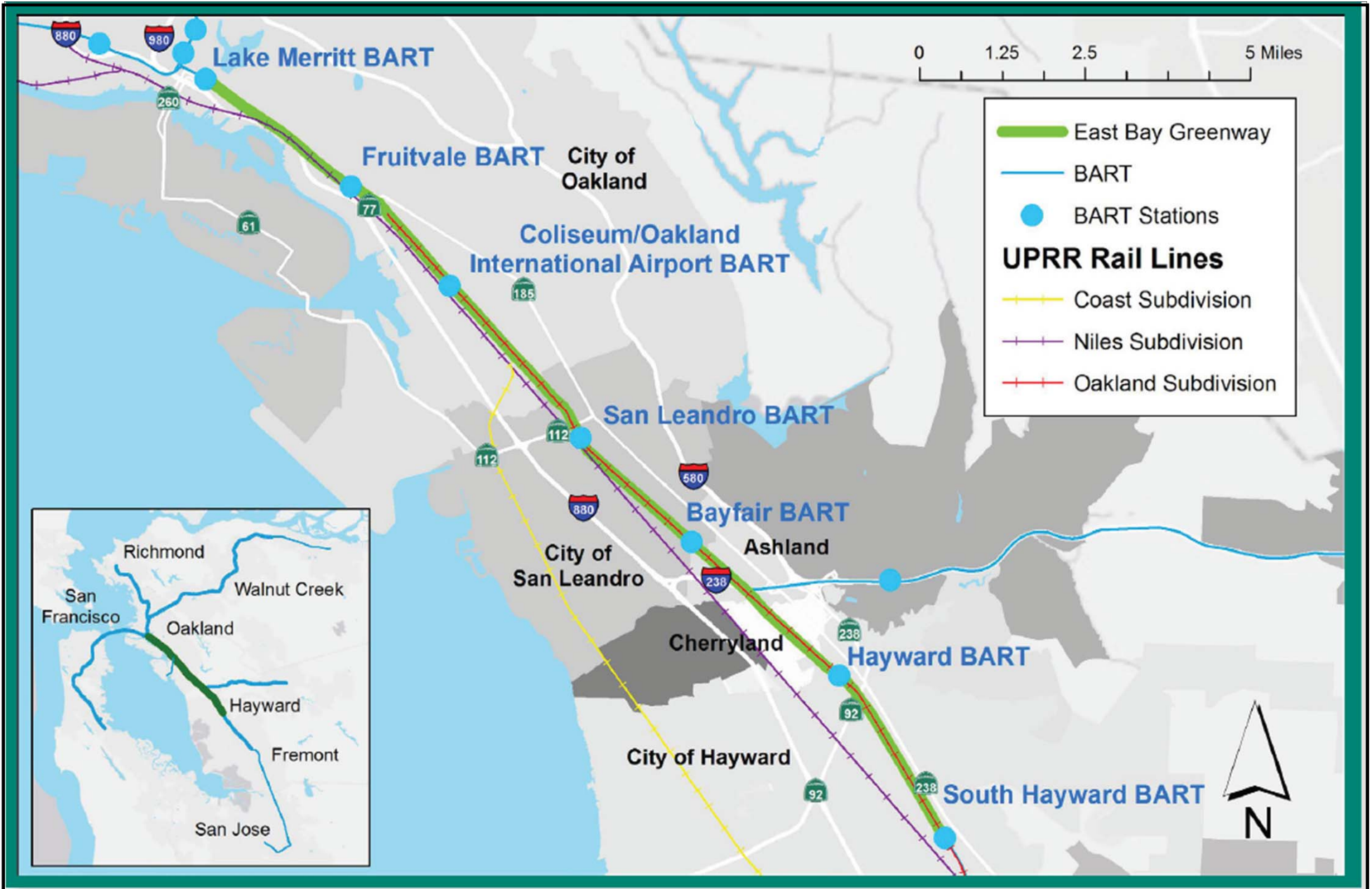
# **EAST BAY GREENWAY Lake Merritt BART Station to South Hayward BART Station**

**Council Infrastructure Committee  
Presentation  
1.24.2018**

**Sai Midididdi  
Associate Transportation Engineer  
PUBLIC WORKS**



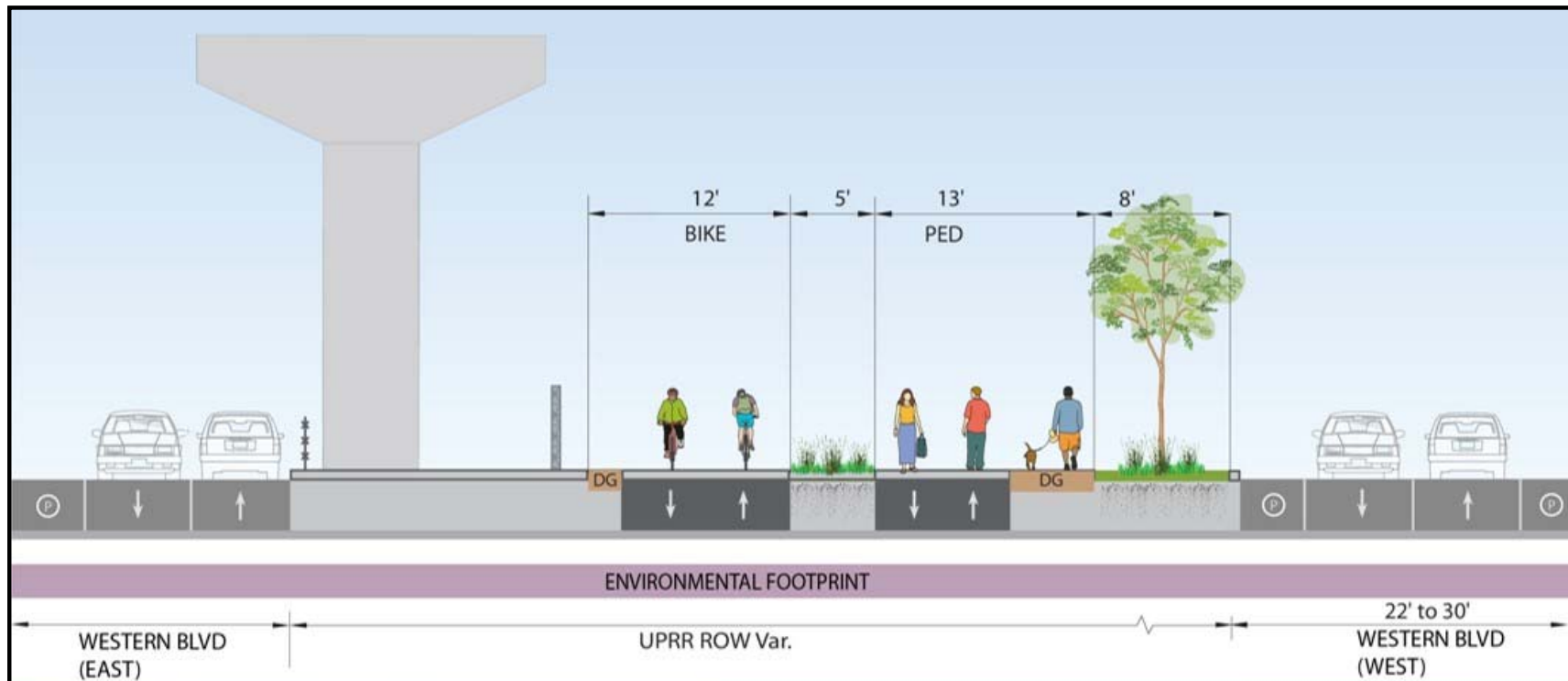
# Project Map



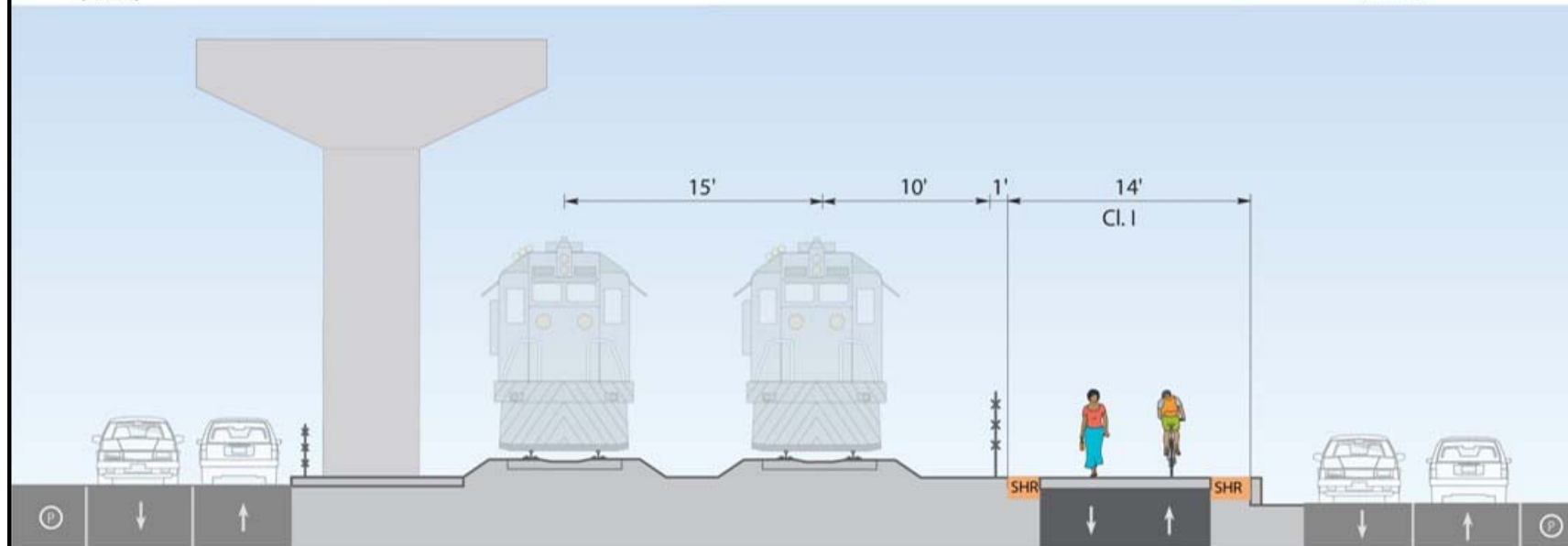


# Design Concepts

Rail to Trail



Rail with Trail



Date	Event
July 2017	Council Infrastructure Committee
November 7, 2017	San Leandro
November 8, 2017	Alameda County
November 15, 2017	Oakland
November 16, 2017	Hayward





Master Agreement with Partner Jurisdictions  
after UP Negotiations



March 2018 – Approval of Final  
Environmental Document by Alameda CTC  
Commission



April 2018 – Certification of Environmental  
Document by Caltrans

