

Eastern Neighborhoods Citizen Advisory Committee

March 17, 2014 Meeting

Presentation Material

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Agenda Item No. 3

The SFMTA Five-Year Capital Improvement Program (CIP) and the Implementation of the Mayor's Transportation Task Force Recommendations in the Eastern Neighborhoods. Presentation by MTA staff and Mayor's Office staff on the proposed CIP particularly in relation to EN transportation projects, followed by discussion and possible action.

MAYOR'S

# TRANSPORTATION TASK FORCE 2030

Safe, Reliable and Affordable Transportation

# Transportation Task Force Overview

# 45 Member Transportation Task Force (TTF)

- City Supervisors/County Transportation Authority Commissioners
- Transportation experts
- City departments
- Regional planning organizations
- Transit operators
- Employers
- Labor representatives
- School District
- Finance Experts

# A culmination of past planning efforts

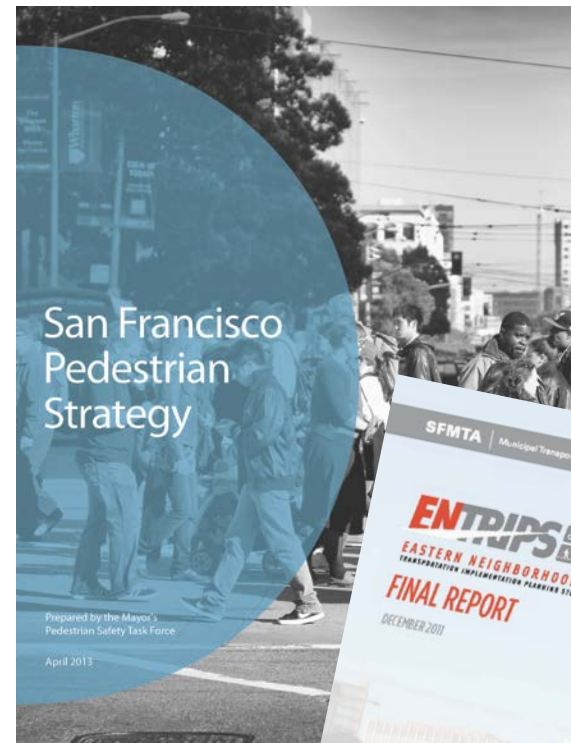
Task Force focused on capital projects in existing plans that were unfunded and underfunded.

Existing conditions and projected growth were considered.



# Plans (partial list)

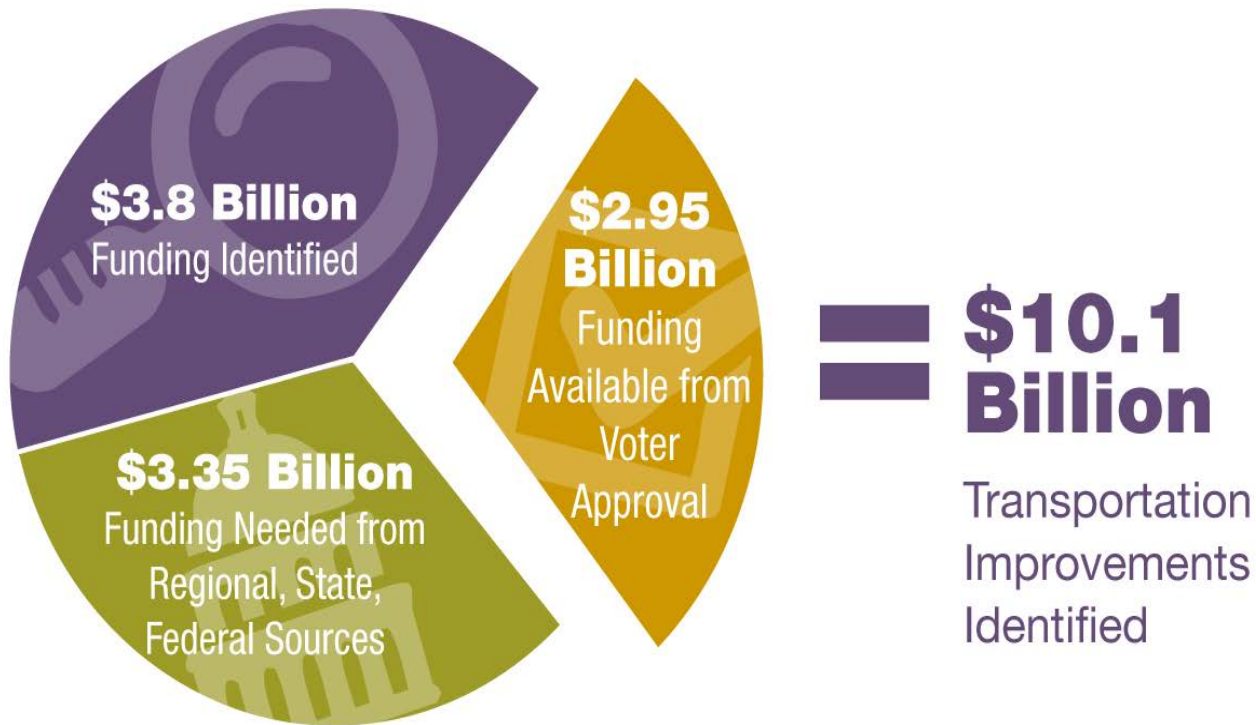
- San Francisco Ten-Year Capital Plan
- San Francisco Five-Year Financial Plan
- 2011 SFMTA 20-Year Capital Plan
- 2012 SFMTA Bicycle Strategy
- 2013 SF Pedestrian Strategy
- ENTRIPS
- Eastern Neighborhoods Plan
- Eastern Neighborhoods Infrastructure Finance Working Group.





# Funding gap

\$6.3 billion funding gap exists between now and 2030





# New funding is needed

- \$3.8 billion of identified funding is not enough
- **1966** = the last time the city asked voters to vote on a bond for transportation
- New local funding = leverage for **more** Regional, State and Federal Funding



# Closing the funding gap

TTF identified 2 new potential funding sources:

- *general obligation bond*
- *vehicle license fee increase*

For the ballot this November 2014

# Capital Improvement Projects

# Recommended Projects

- Better Roads
- Faster and more accessible transit
- Safer streets





# Better Roads

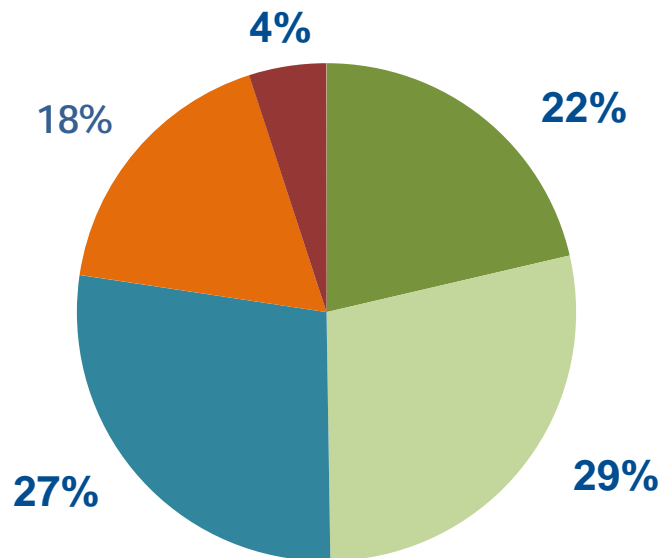
- Repaving streets
- Curb ramps on sidewalks
- Repair efficiency



# Good pavement is good for everyone

Maintaining a satisfactory pavement condition saves money and provides smoother and safer streets for people who walk, drive, bike and take the bus

Current Pavement Condition Index (PCI) Score of City Streets



Current PCI Average is: 66

Target PCI Average is: 70

85 - 100	NO TREATMENT NEEDED \$0.00
70 - 84	PAVEMENT PRESERVATION \$21,600
50 - 69	GRIND & PAVE \$120,000
25 - 49	GRIND & PAVE WITH BASE \$165,000
0 - 24	RECONSTRUCT \$500,000

# Improved transit

- Provide more accessible and reliable transit
- Fix outdated Muni facilities
- Improve major corridors
- Improve safety and accessibility at transit stops





# Fleet Improvements

- Faster and more reliable Muni and other transit
- Overhaul, upgrade and replace out-of-date buses and trains
- Improved safety and accessibility at transit stations and stops

# San Francisco's Bus Fleet is Aging and in Need of Repair

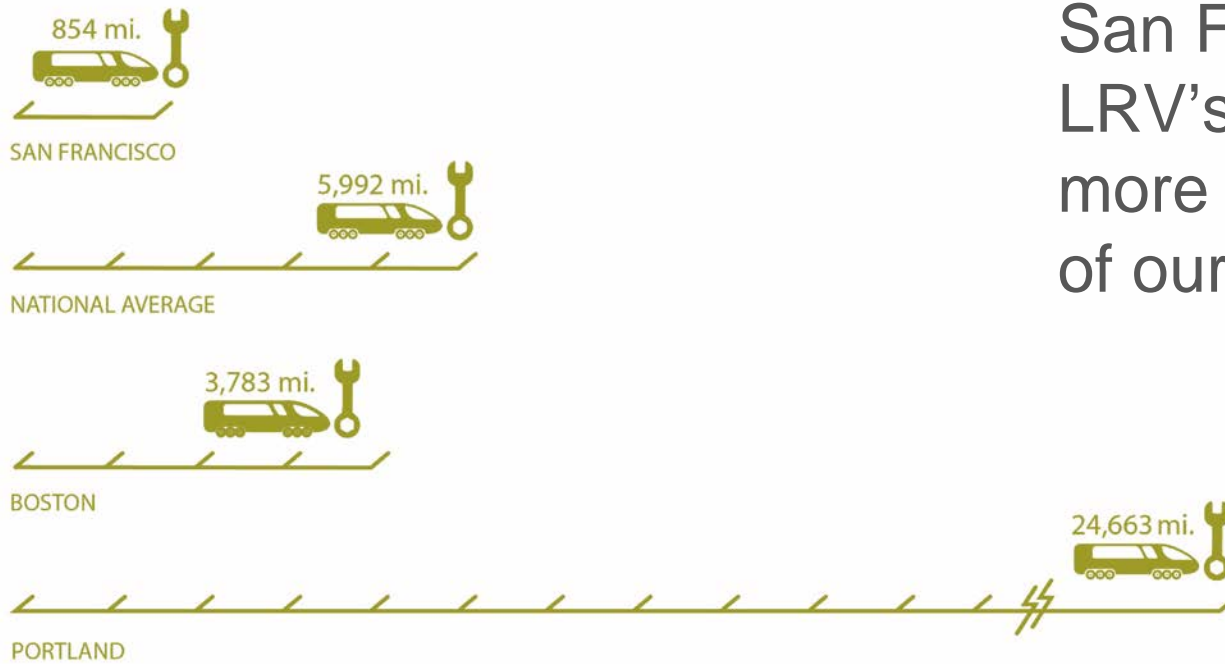
## Bus: Service Between Mechanical Failures



San Francisco's buses need repair more often than several of our peer cities.

# San Francisco's Light Rail Vehicles (LRVs) are Aging and in Need of Repair

## Light Rail Train: Service Between Mechanical Failures



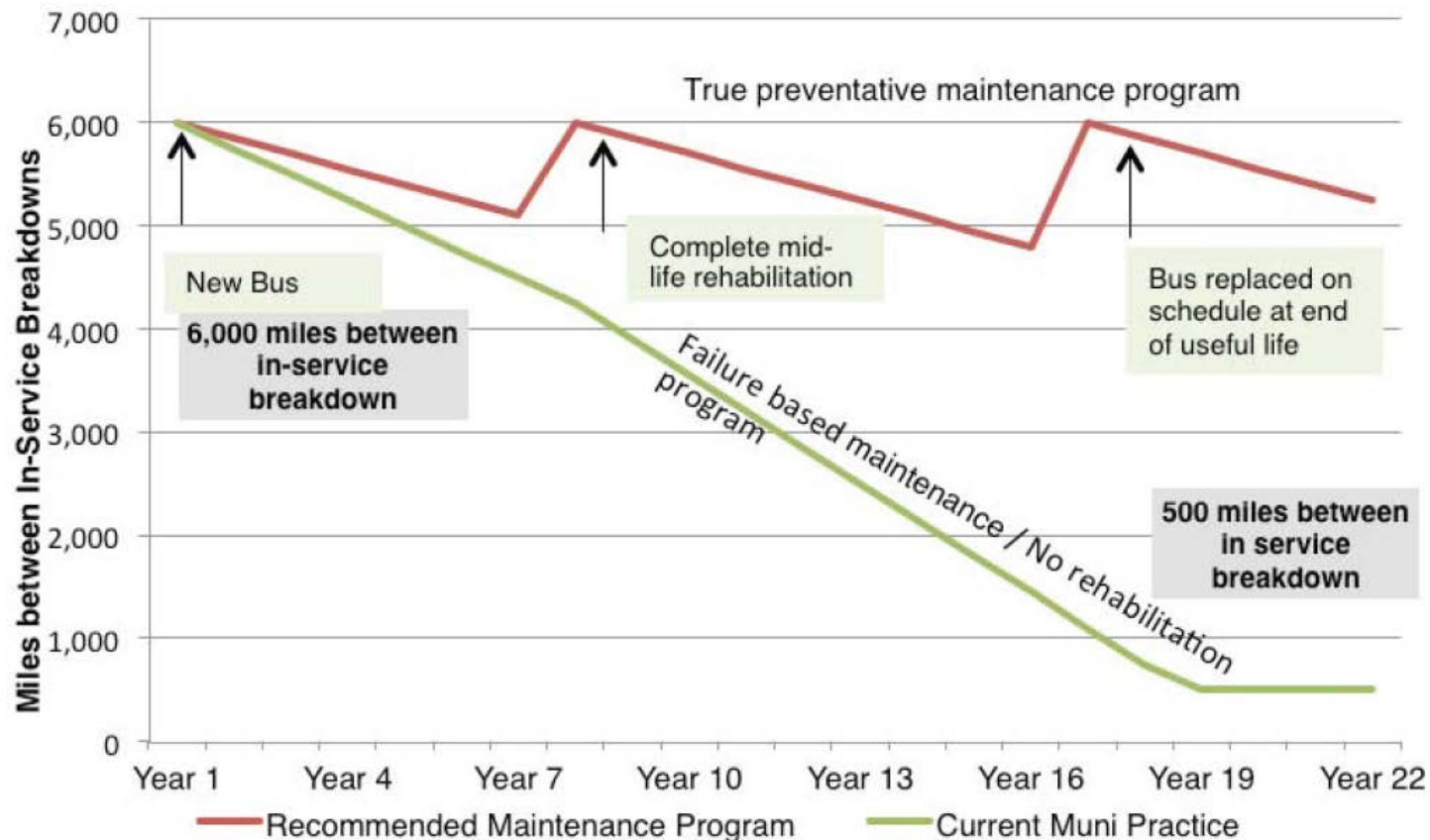
San Francisco's LRV's break down more often than **any** of our peer cities

Source: 2012 National Transit Data Base

# New facilities to service trolleys

Facilities that can accommodate mid-life rehabilitation of trolleys  
= longer lasting trolleys that provide better service

Vehicle Maintenance – Lifecycle of a Trolley Bus



# Bus Route: 60 Minutes Running Time



Round Trip Travel Time = **60** MINUTES

$$\text{Bus every 10 minutes} = \frac{60}{10} = 6.0 = \mathbf{6} \text{ buses} + \mathbf{6} \text{ drivers}$$

**THE COST OF DELAY**

Remove congestion: reduce time, reduce resources



Round Trip Travel Time = **50** MINUTES

Bus every 10 minutes =  $\frac{50}{10}$  = **5** buses + **5** drivers

**17% decrease in cost and travel times!**



# Safer Streets

- Improve pedestrian safety on neighborhood streets
- Install modern, reliable traffic lights and pedestrian countdown signal
- Build complete streets and provide safe, well-defined bikeways





# WalkFirst: San Francisco Pedestrian Safety Capital Improvement Program

\$50 million of expenditure plan planned for WalkFirst projects in the next 5 years



Speed Tables & Raised Crosswalks



Pedestrian Detection



Marking Unmarked Crosswalks



Pedestrian Countdown Signals



Roadway Safety Lighting



New Midblock Crosswalks



Corner Bulbs & Chokers



Radar Speed Display Signs / Portable Speed Trailers



Pedestrian Warning Signs



Flashing Beacons (RRFB's & HAWKs)



Road Diets



Pedestrian Refuge Islands

# Benefits to Eastern Neighborhoods

# Projects in the Eastern Neighborhoods

- 16<sup>th</sup> Street
- Folsom
- 7<sup>th</sup> and 8<sup>th</sup>



# Prioritizing Projects

	Paving	Traffic Signals
Program Specific Prioritization Criteria	<ul style="list-style-type: none"> <li>• Pavement Condition</li> <li>• Project readiness/ coordination with other projects</li> <li>• Multi-modal routes</li> <li>• Equitable distribution</li> <li>• Complaints</li> <li>• Functional Classification</li> </ul>	<ul style="list-style-type: none"> <li>• Priority transit network</li> <li>• Replace obsolete infrastructure</li> <li>• High traffic volumes</li> <li>• Emergency Routes</li> <li>• Joint Projects</li> </ul>
Equity Analysis	Review prioritized projects for progress toward equity goals	
Funding Source Eligibility	Grant funding restrictions GO Bond Eligibility Modal specific funder limitations	

# Projects in Your Neighborhoods

TTF resources will help impact fees meet your community needs *sooner* and support transportation improvements citywide, including:

- Better bus, light rail and trolley service
- Streets that are safer and more accessible for pedestrians
- New infrastructure to help reduce congestion
- New bicycle infrastructure
- Smoother streets for us all

Thank you!



**SFMTA**  
Municipal  
Transportation  
Agency

**Municipal Transportation Agency  
FY 2015 – 2019 Capital Improvement Program**

**Eastern  
Neighborhoods**

Eastern Neighborhoods Citizens Advisory Committee  
March 17, 2014





**Overview of the MTA's 5-Year CIP**

**Proposal for FY 2015 – 2019**

**Impacts to Eastern Neighborhoods**

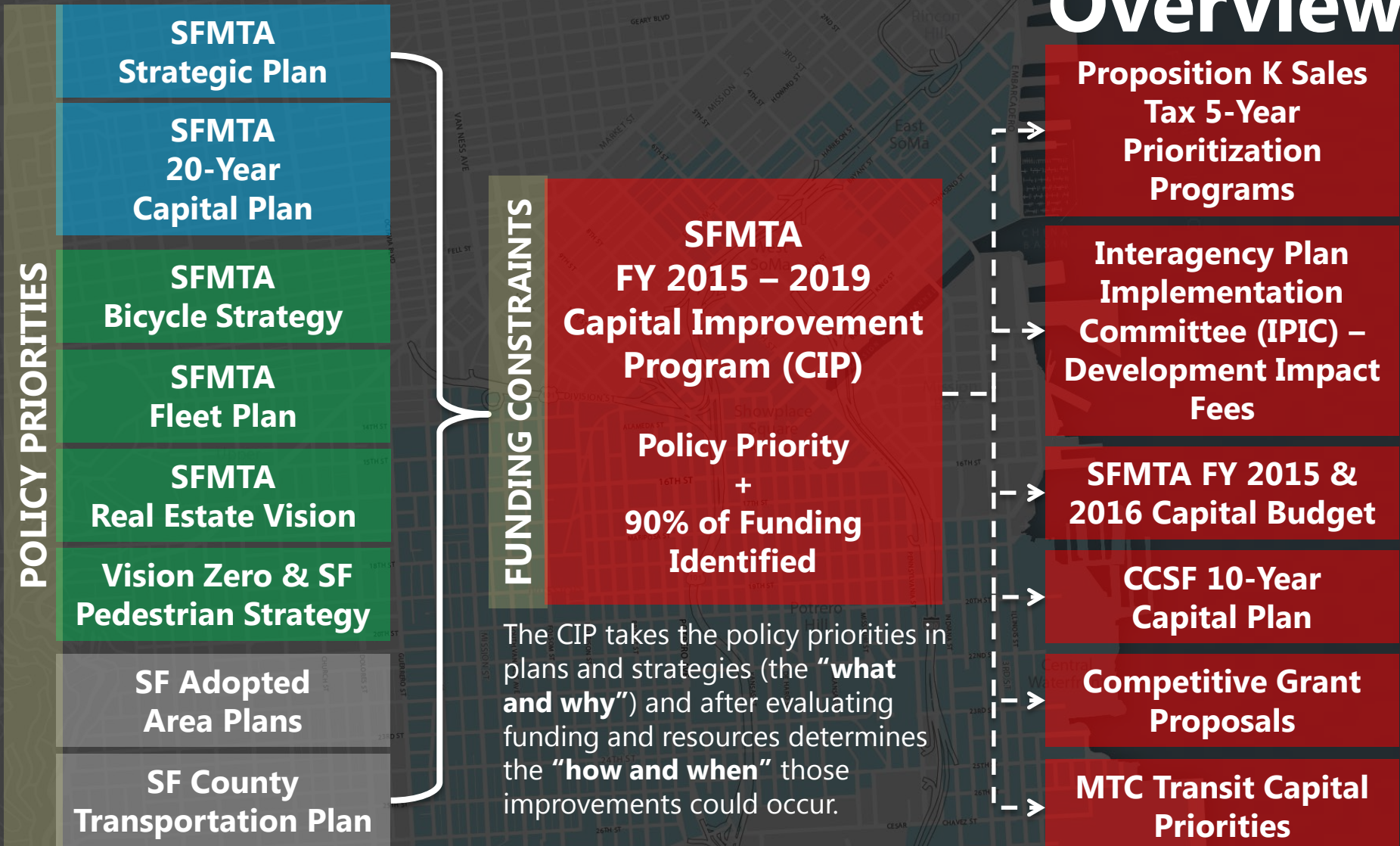
**Questions and Feedback**

# Overview

- Develop a financially constrained **5-Year Program of Projects** for the Transportation System
  - Review and Project 5-Year Capital Revenue Sources
  - Develop a Strategic Investment/Value Analysis for project prioritization and funding
- Serve as **an implementation tool** for the SFMTA Strategic Plan and other Plans and Strategies
- Prevent funding accessibility from being a barrier to project delivery
- **Build credibility** with external funding agencies (eg. MTC, FTA)
- Work toward a **10% Capital Fund Reserve** allowing for flexibility and revenue uncertainty



# Overview



# Proposal

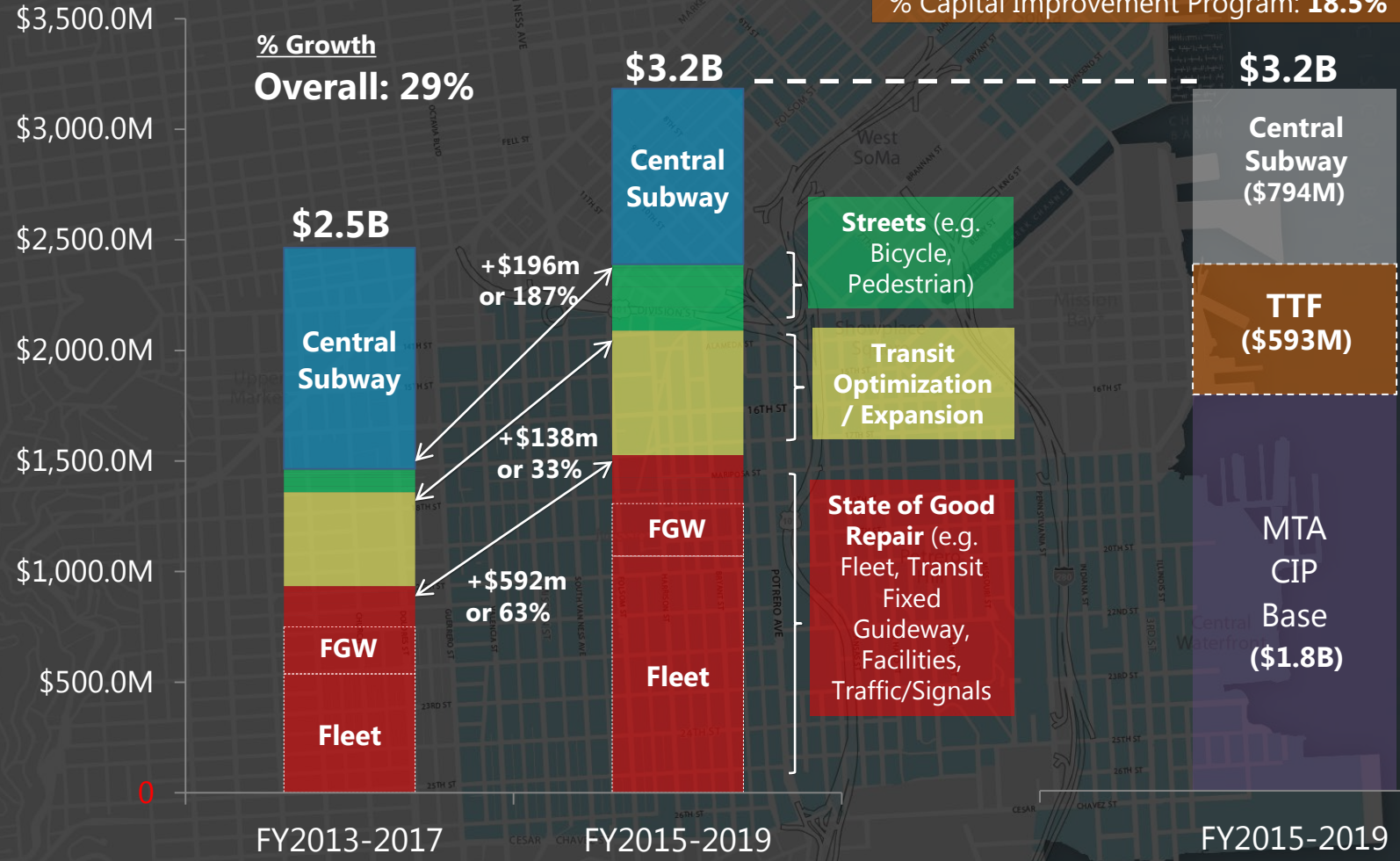
- **Maintain and build upon \$250 m per year State of Good Repair (SOGR) investment**
  - Ensure full funding for Muni Fleet Replacement
  - Increase funding for Traffic Signal SOGR from historic base
  - Initiate an ongoing Muni Fleet Mid-Life Overhaul Program
  - Fund critical Facility Replacement needs – Priority Gap
- **Maintain and increase funding in Safe and Complete Streets**
  - Integrate recommendations from WalkFirst/Ped Strategy
  - Integrate recommendations from Bicycle Strategy
  - Increase investment in Traffic Calming (current plan backlog)
- **Fund critical Transit Travel Time and Reliability Projects**
  - Fund Priority Travel Time Reliability and Customer First Projects
  - Integrate and fund improvements on Market Street
  - Increase funding for Fleet Expansion (LRV, articulated bus fleet)



# Proposal

## MTA 2015- 2019 CIP

**Transportation Task Force Impact on the SFMTA CIP**  
TTF Revenue Measures Funding: **\$593M**  
% Capital Improvement Program: **18.5%**




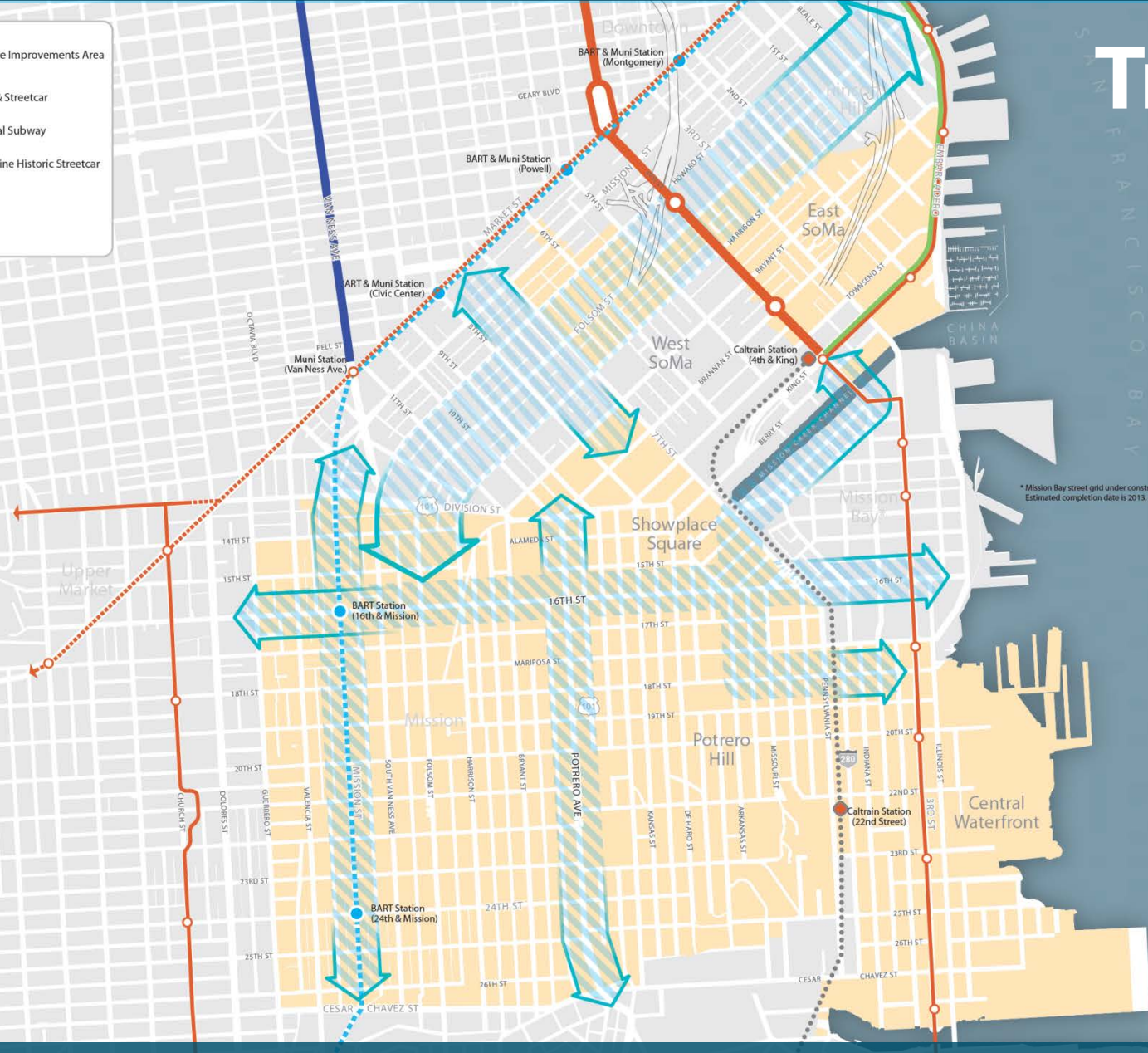
# Proposal

FUND NAME	Total Programmed FY 2015- 2019	% Total
Transportation Task Force	\$82,004,868	53.2%
Federal Transit Administration	\$17,510,841	11.4%
Developer Impact Fees	\$13,892,800	9.0%
One Bay Area Grant	\$12,213,622	7.9%
SFMTA Revenue Bond	\$10,606,126	6.9%
Proposition K Sales Tax	\$9,837,695	6.4%
Regional (MTC)	\$4,236,000	2.7%
Active Transportation Program	\$3,000,000	1.9%
SFMTA Operating Funds	\$389,000	0.3%
Proposition AA Vehicle Registration	\$365,000	0.2%
<b>Total</b>	<b>\$154,055,952</b>	<b>100%</b>



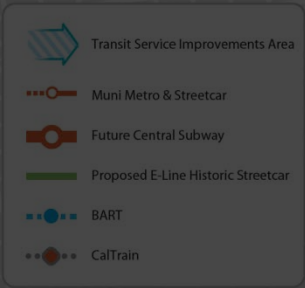
# Transit

-  Transit Service Improvements Area
-  Muni Metro & Streetcar
-  Future Central Subway
-  Proposed E-Line Historic Streetcar
-  BART
-  CalTrain



\* Mission Bay street grid under construction. Estimated completion date is 2013.





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- Muni Metro & Streetcar
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# Transit Proposal

State of Good Repair

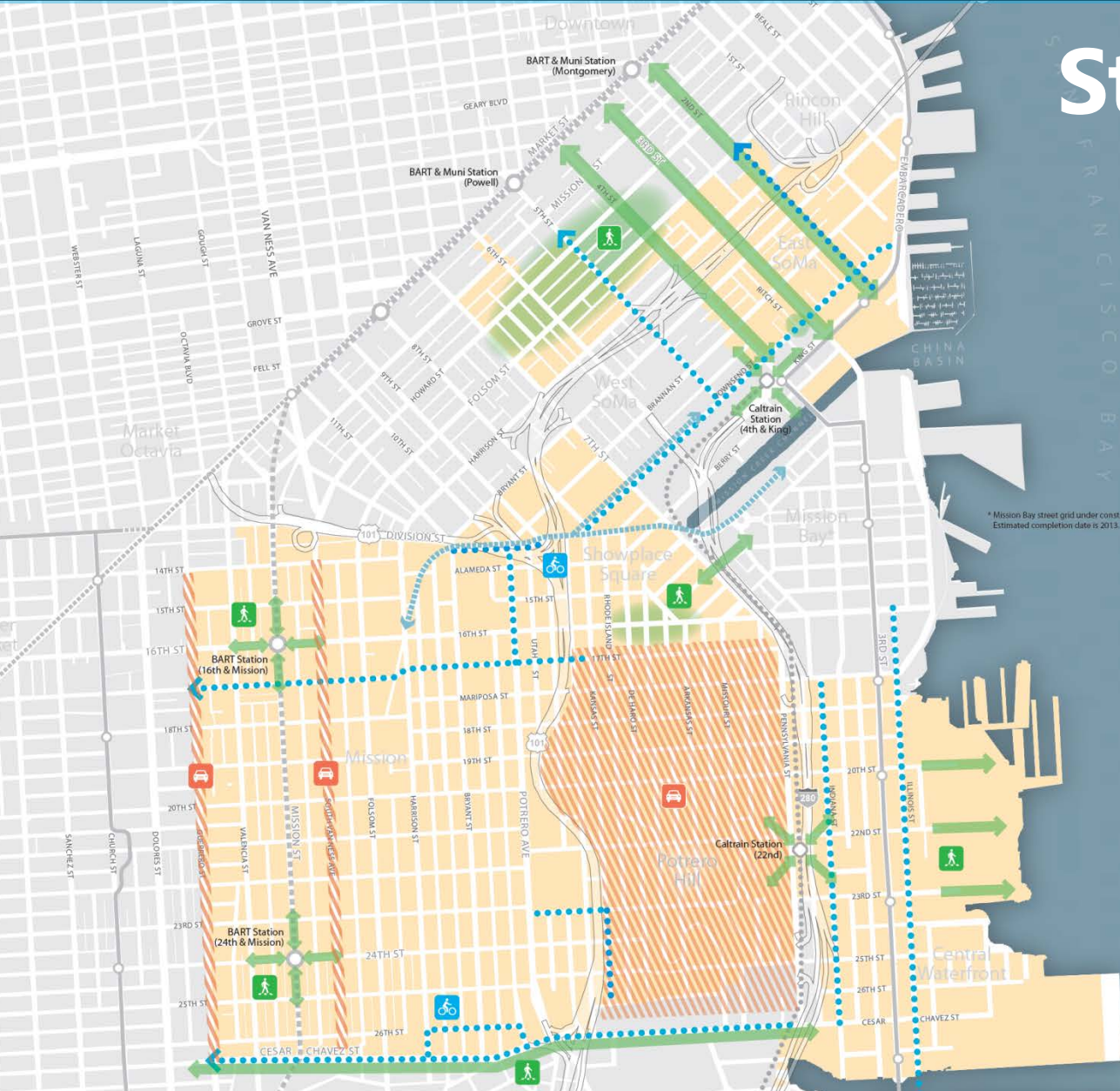
Transit Reliability

- 8X Travel Time Reduction Project
- 9 San Bruno Travel Time Reduction Project
- 14 Mission Travel Time Reduction Project
- 22 Fillmore on 16th Street
- 33 Sanyan Overhead Replacement Project

\* Mission Bay street grid under construction. Estimated completion date is 2013.

# Streets

-  Improved pedestrian connections
-  Areas for improved pedestrian connections
-  Planned bicycle improvements
-  Proposed Mission Creek Bikeway
-  Proposed Street or Area for Traffic Calming



\* Mission Bay street grid under construction. Estimated completion date is 2013.



# Streets Proposal

- Improved pedestrian connections
- Areas for improved pedestrian connections

- 2nd Street Improvements
- 5th Street Bicycle Lanes
- 6th Street Improvements Project
- 7th Street Streetscape Pilot
- 7th Street Streetscape
- 8th Street Streetscape
- 8th / Natoma New Signal
- Bessie Carmichael School Improvements
- Folsom and Essex Streets Pilot
- Folsom Street Streetscape
- Howard Streetscape Project
- Minna Natoma Home Zone
- Potrero Hill Road Diet
- San Jose at Dolores Crosswalk
- SOMA Signal Update (50 intersections)

**Green Connections**

**WalkFirst**

**Bicycle Strategy**





**Thank You  
Questions? Feedback?**

**Next Steps:**  
MTA Board Review and Approval  
CCSF Capital Plan Committee Review

**Contact:**  
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Eastern Neighborhoods Citizen Advisory Committee

March 17, 2014 Meeting

Presentation Material

Agenda Item No. 4

TIGER Grant Funding for the 16<sup>th</sup> Street/ 22-Fillmore Project. Presentation by Mayor's Office staff on the new possible funding source for the 16<sup>th</sup> Street / 22-Fillmore Project and the need for matching funds from Eastern Neighborhood impact fee revenue, followed by discussion and possible action





**SFMTA**  
Municipal  
Transportation  
Agency

**U.S. Department of Transportation  
Transportation Investment Generating Economic Recovery Grant**

# **16<sup>th</sup> Street**

Eastern Neighborhoods Citizens Advisory Committee  
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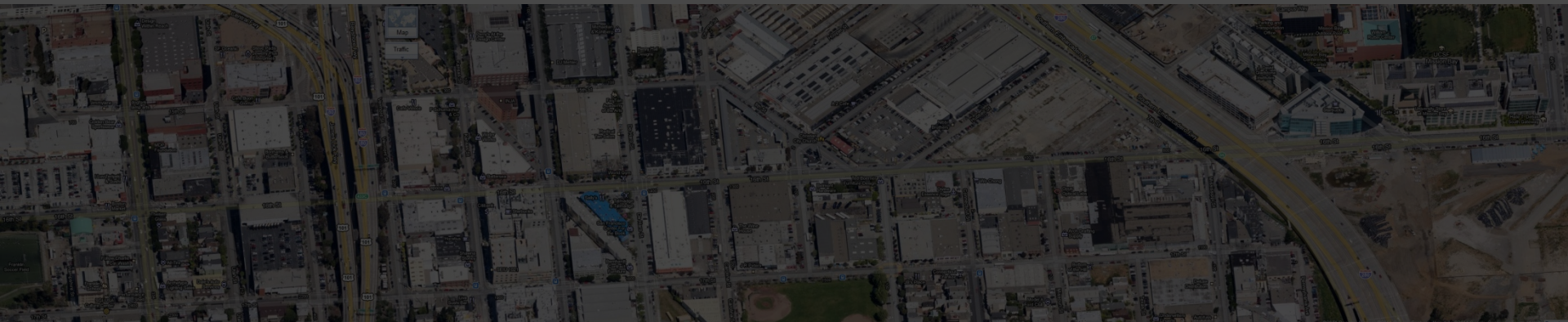


# **Background TIGER Opportunity**

## **Status of 16<sup>th</sup> Street Project**

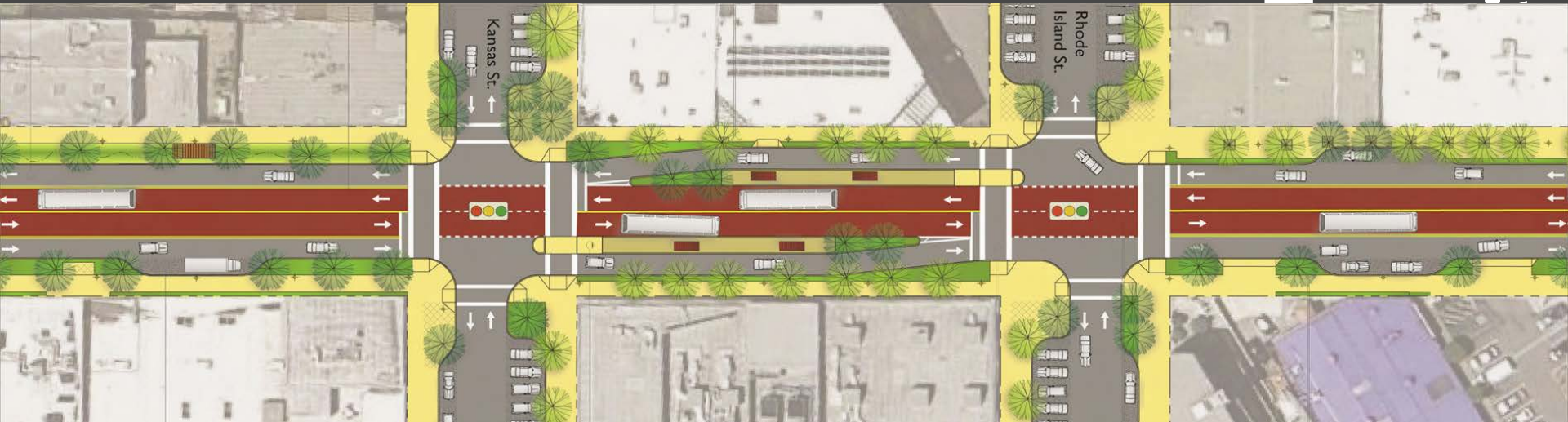
### **Recommendation for TIGER Grants**

#### **Questions and Feedback**



# TIGER Grant Opportunity

- **\$600 million available nationally**
- Final Applications **due April 28th**
- Projects are eligible for TIGER Discretionary Grants :
  - highway or bridge projects;
  - public transportation projects;
  - freight rail projects;
  - high speed and intercity passenger rail projects;
  - port infrastructure investments.



**(1) 22 Fillmore Travel Time Reduction Proposal (TTRP):**

- Transit-only lanes
- Stop changes
- New traffic lights
- Left turn restrictions
- Wider sidewalks
- New transit boarding bulbs and islands

**(2) 22 Fillmore Extension and 16th Street rail crossing post-Caltrain electrification**

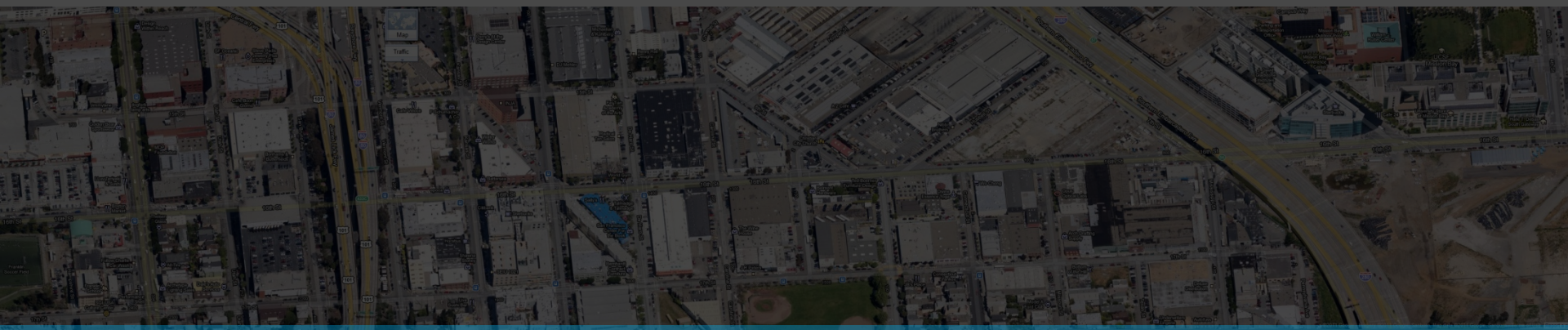
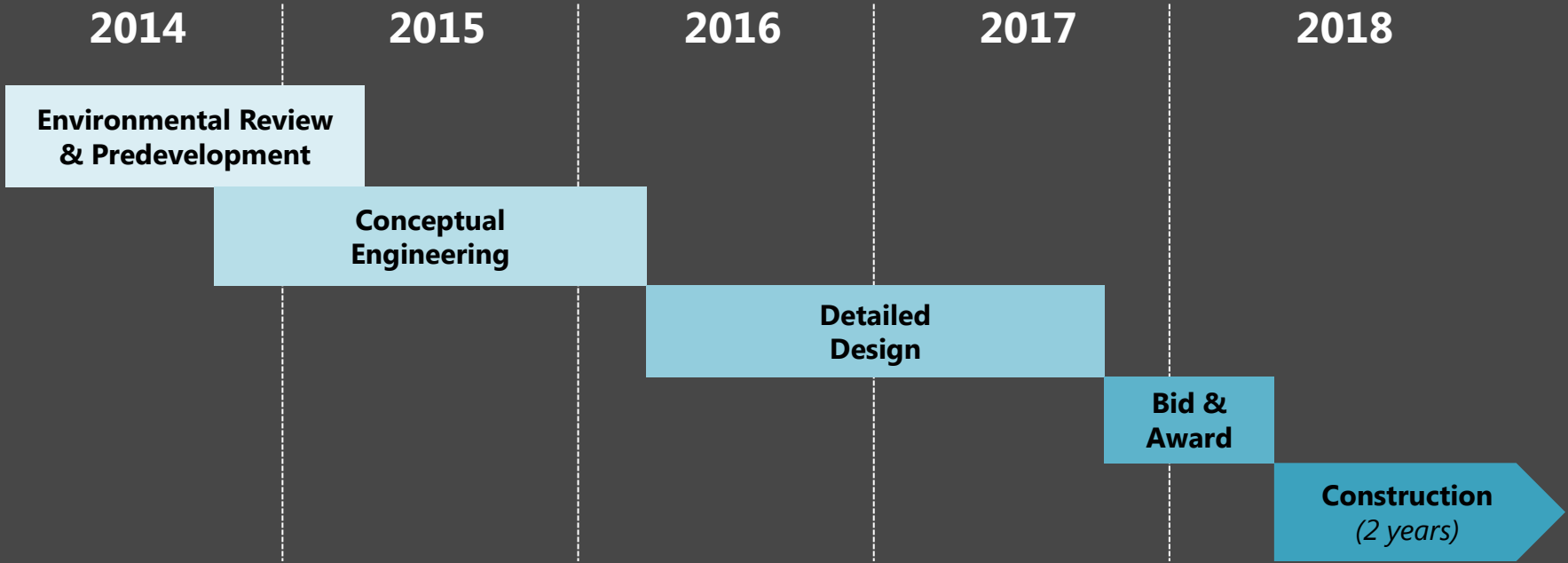
- Construction of new overhead infrastructure
- Engineering of wire crossing at the Caltrain rail

**(3) Multimodal transportation and streetscape enhancements:**

- Improved transit accessibility
- Pedestrian facilities
- Landscaping, lighting and street furniture
- Contiguous bicycle route on 17th St.
- Commercial delivery access and parking opportunities
- Bicycle sharing



# Proposed Schedule



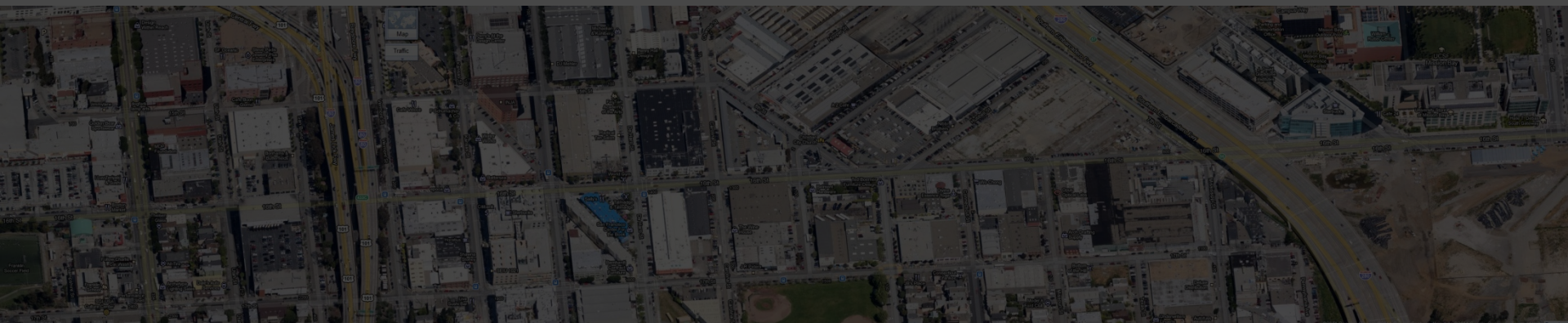
# Estimated Cost & Funding Sources

22 Fillmore TTRP	\$20.0 M
OCS Extension & 16th St. crossing	\$13.0 M
Streetscape enhancements	\$4.5 M
Utilities	\$22.5 M
Drinking water system	\$5.0 M
Sewer	\$8.5 M
Fire hydrants	\$5.0 M
Street lights	\$4.0 M
Others	\$0.5 M
Design & Engineering	\$7.0 M
<b>Estimated Cost</b>	<b>\$67.5 M</b>

## Possible Funding Sources

Development Impact Fees	\$1 – 10m
Proposition K Sales Tax	\$5 – 15m
Proposition AA Veh Reg Fee	\$1 – 5m
TIGER 2014 Grant	\$0 – 10 m
SFMTA Revenue Bonds	\$1 – 10m
FTA Formula Funds	\$1 – 15m
CCSF TTF Rev Sources	\$0 – 38m

*(1) Estimate; subject to change pending final design*



# Thank You Questions? Feedback?

**Next Steps:**  
Finalize Tentative Funding Plan  
Complete Grant Submission

