

2014 Transportation and Road Improvement Bond Request for First Bond Issuance



SFMTA
Municipal
Transportation
Agency

Capital Planning Committee
May 4, 2015



CPC Approval Sought

Items to approve:

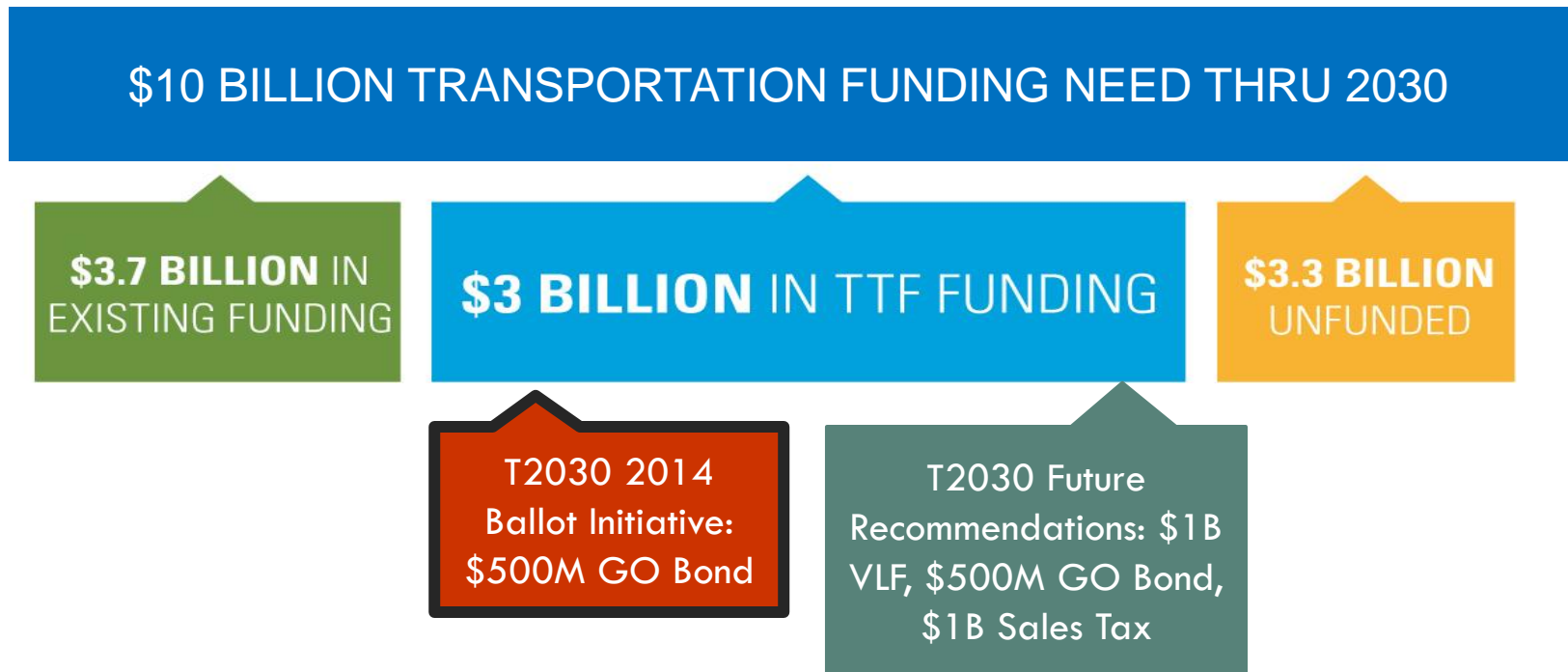
- (a) Authorization to issue up to **\$67,540,000** in 2015 Transportation and Road Improvement General Obligation Bonds; and
- (b) The associated supplemental appropriation.





Transportation 2030 Overview

Findings of Mayor's Transportation Task Force:^{*}



^{*} After the release of the TTF's findings, in November 2014, voters approved Prop B which increased the general fund set-aside to SFMTA to improve Muni and increase safety.





T2030 in Action: 2014 Bond

- **\$500M G.O. bond for transportation** included in 2014-2023 Capital Plan
- Bond passed in November 2014 with almost 72% approval
- Along with the 2014 increase to general fund set-aside, represents a critical investment in meeting \$10B need





Outcomes: Improved Transit



- **Improve travel time by up to 20%** on Muni Rapid Network routes that serve **280,000 each day**
- **40 miles** of transit priority improvements, saving customers up to an hour a week in travel time.
- Contribute to **capital improvements on Caltrain** to increase service frequency, reduce emissions and decrease fuel costs
- **Modernize Muni facilities** to keep more buses and trains in service, improving reliability citywide



Outcomes: Safer Streets



- **Over \$300 million** in infrastructure upgrades to support **Vision Zero**
- Protect people walking with **targeted safety improvements** on our highest-injury corridors
- **Build up to 27 miles of bicycle network** upgrades; creating a safer, more well-defined bicycle network to reduce conflict and improve safety for all users



Appropriation of First Issuance

		Total Budget (in Millions)	Proposed Appropriation
Improved Transit	Faster, More Reliable Transit	\$230	\$51.4
	Accessibility Improvements	\$30	\$0
	Muni Facility Upgrades	\$70	\$0
	Major Transit Corridor Improvements	\$28	\$8.5
Safer Streets	Pedestrian Safety Improvements	\$68	\$6.1
	Traffic Signal Improvements	\$22	\$0
	Complete Streets Improvements	\$52	\$0
	Estimated Cost of Issuance and Fees		\$1.5
	Total	\$500	\$67.5





Transit Project Selection

Project selection factors:

- Project readiness & coordination with other departments
 - 8 projects are ready to go out to bid or into construction with these funds
 - Remaining projects include both design and construction
- Maximizing benefit (time saved per customer)
- Benefitting low income and minority neighborhoods
- Overlap with pedestrian and transit safety issues



Faster, More Reliable Transit

Muni Forward (\$43.6 M)

- 1st issuance is for 14 of 21 projects to be funded by the bond
- Improve transit time and reliability on routes serving more than 100,000 customers daily



Caltrain CBOSS (\$7.8 M)

- Funds construction of Positive Train Control System
- Improves safety, increases capacity and reliability, and helps enable electrification



Transportation and Road Improvement Bond

Transit Project Schedules

Planning and Outreach

Design, Bid & Award

Construction

Project Name	Total Budget	GO Bond- 1st Issuance	FY 15/16				FY 16/17				FY17/18			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
7 Haight-Noriega: Haight Street Rapid Project	\$14,171,000	\$ 10,655,000												
10 Townsend: Sansome Contraflow Signals	\$ 2,059,000	\$ 1,872,000												
9 San Bruno: 11th St and Bayshore Blvd Rapid Project	\$ 4,840,000	\$ 4,400,000												
5 Fulton: East of 6th Ave (Inner) Rapid Project	\$ 5,500,000	\$ 4,800,000												
N Judah: Arguello to 9th Ave Rapid Project	\$ 4,008,000	\$ 2,820,000												
30 Stockton: East of Van Ness Ave Transit Priority Project	\$ 5,039,000	\$ 2,659,200												
30 Stockton: Chestnut St (W of VN) Transit Priority Project	\$ 9,578,000	\$ 5,429,000												
14 Mission: Division to Randall (Inner) Rapid Project	\$ 7,224,000	\$ 514,000												
22 Fillmore: OCS on Church/Duboce (overhead lines)	\$ 2,000,000	\$ 800,000												
22 Fillmore: OCS on 16th St & Kansas (overhead lines)	\$ 748,000	\$ 748,000												
33 Stanyan: OCS on Guerrero (overhead lines)	\$ 4,415,000	\$ 2,943,333												
28 19th Avenue: 19th Ave Rapid Project	\$22,965,000	\$ 4,125,000												
14 Mission: Mission & S Van Ness Transit Priority Project	\$ 2,070,000	\$ 1,390,000												
30 Stockton: Terminal OCS Upgrades (overhead lines)	\$ 4,307,000	\$ 493,000												





— Projects Funded in First Issuance
 — Projects Funded in Future Issuances
 Other Muni Forward Projects

30 Stockton - Chestnut
 30 Stockton - Columbus & Stockton
 28 19th Ave - Lombard
 22 Fillmore
 10 Sansome - Contra Flow Lanes
 1 California
 Laurel Village
 Van Ness BRT
 14 Mission - Downtown
 5 Fulton - Outer
 5 Fulton - Mid
 5 Fulton - E of 6th
 7 Haight
 9 San Bruno - 11th St
 33 Ashbury-18th (OCS)
 22 Fillmore - 16th
 14 Mission Inner
 J Church
 9 San Bruno - Potrero
 9 San Bruno - Bayshore
 8 Bayshore & 9 San Bruno - San Bruno
 8 Bayshore - Vis Valley
 8 Bayshore - Geneva
 14 Mission - Outer
 KT Ingleside
 M Oceanview
 M Oceanview
 28 19th Ave - S of GG Park
 7 Haight
 N Judah
 L Taraval
 22 Fillmore (OCS)
 33 Ashbury-18th (OCS)





Major Corridor Project Selection

Project selection factors:

- ▣ Role in the transportation system
- ▣ Community planning and support
- ▣ Social and geographic equity goals
- ▣ Safety and Vision Zero goals
- ▣ Strategic transportation system goals
- ▣ Environment and quality of life in San Francisco





Major Transit Corridor Improvements

Better Market Street (\$8.5 M)

- Improve speed and reliability along San Francisco's most heavily used transit corridor and improve safety and comfort for people walking and bicycling
- Funds will be used to initiate design





Major Corridor Improvement Project Schedule

Planning and Outreach

Design, Bid & Award

Construction

Project Name	Total Budget	GO Bond- 1st Issuance	FY 15/16				FY 16/17				FY17/18				FY 18/19			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Better Market Street	\$ 405,000,000	\$ 8,500,000																

Note: Preliminary design will commence in FY 15/16, concurrent with completion of planning and environmental review. This design work will aid in the environmental review process and facilitate project delivery on schedule.





Safer Streets: Project Selection

Project selection factors:

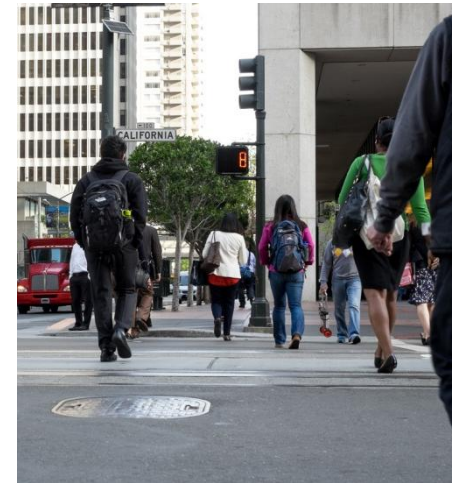
- Number of severe and fatal injuries to people walking over a five-year period
- Number of injuries to older adults (over 65)
- Number of injuries to children (under 17)
- “Communities of Concern,” a social equity metric as defined by Metropolitan Transportation Commission
- Opportunities for coordination with other construction projects



Pedestrian Safety Improvements

- New or improved signals at more than 25 high-injury network intersections (\$1.4M)
- Curb bulbs at 19 high-injury network intersections (\$1.3M)
- Design of Geary pedestrian improvements (\$300k)
- Additional pedestrian safety improvements coordinated with Muni Forward (\$3.3M)

This investment enables design of a new wave of safety improvements. It complements SFMTA's current safety-focused capital projects and upcoming quick and effective improvements planned for implementation in FY 15/16.





Safer Street Project Schedules

Planning and Outreach

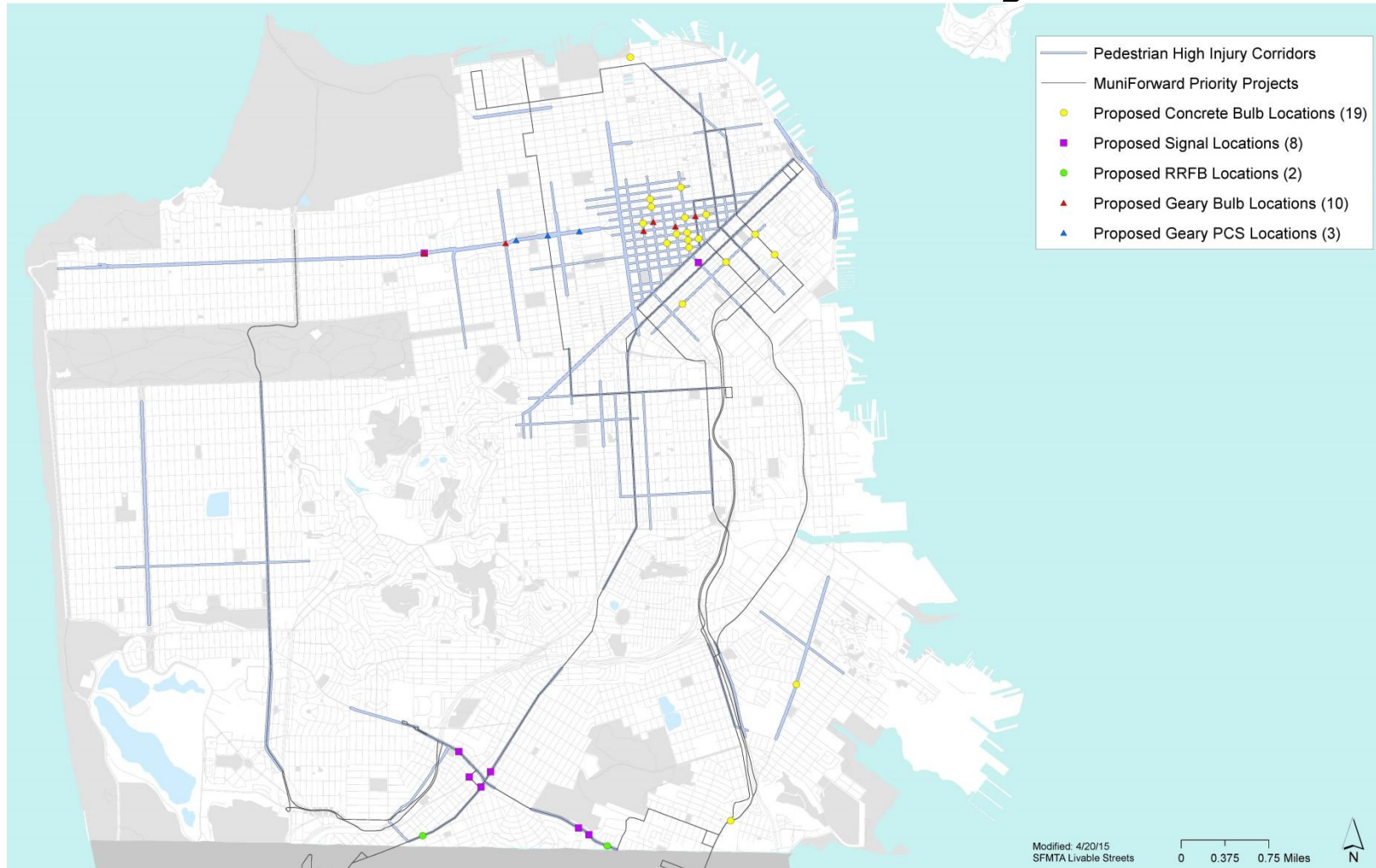
Design, Bid & Award

Construction

Project Name	Total Budget	GO Bond- 1st Issuance	FY 15/16				FY 16/17				FY17/18				FY18/19			
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
New Signals on High Injury Corridors	\$ 3,000,000	\$ 510,000																
Add PCS to High Injury Corridors	\$ 4,200,000	\$ 840,000																
Curb Bulbs on High Injury Corridors	\$ 9,000,000	\$ 1,127,000																
Geary Pedestrian Improvements	\$ 3,349,000	\$ 300,000																
Pedestrian Safety Improvements Related to Muni Forward	\$ 3,316,000	\$ 3,316,000	Schedules will coincide with Muni Forward project schedules															



Safer Streets Project Locations





Tentative Issuance Schedule

Tentative Issuance Schedule					
	May 2016		May 2017		November 2018
Improved Transit	\$	92,980,000	\$	164,020,000	\$ 41,240,000
Safer Streets	\$	21,500,000	\$	55,300,000	\$ 59,100,000
Total	\$	114,480,000	\$	219,320,000	\$ 100,340,000



Risks & Challenges

- ▣ Schedules:
 - Community outreach still needed on some projects funded by later bond sales
- ▣ Coordination:
 - Some projects are delivered in coordination with other agencies and include scopes funded by other departments
 - Some projects led by other agencies, including Public Works, Caltrain & BART
- ▣ Staff resources:
 - SFMTA and Public Works are hiring staff to address this need