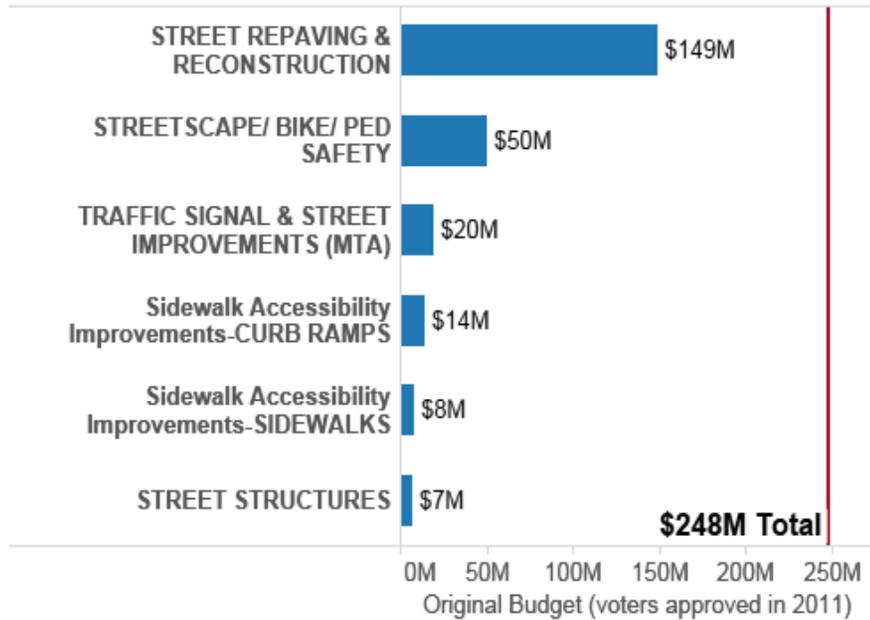


# Road Repaving and Street Safety Bond

Quarterly Status Report presented to the Citizens' General Obligation Bond Oversight Committee  
As of March 2016

## Overview of RRSS Bond Scope and Budget (including accountability and cost of issuance)

## Roadway Structure Projects



Islais Creek Bridge Power Restoration



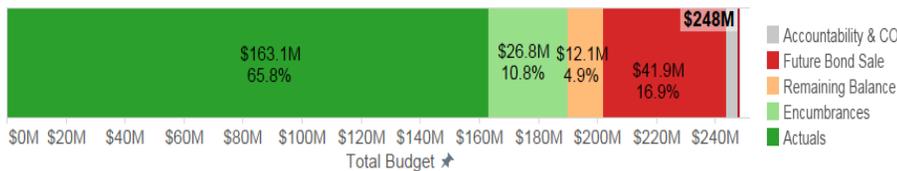
Taraval Streetscape



Broadway Tunnel Relamping



Alemany Blvd Guardrail



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Presented by:	John Thomas   Division Manager, Project Management & Construction Division   SF Public Works   john.thomas@sfdpw.org



## Road Repaving and Street Safety Bond | Executive Summary

### I. Highlights and accomplishments

- Public Works has **35** completed street resurfacing contracts and 13 currently in construction. These contracts have paved **1,044 of 1,275** blocks, or **82%** of the total bond goal.
- Sidewalks and Structures components of the bond are near completion and the Curb Ramp Project is **100% complete**.
- Polk Streetscape bids received February 2016.

### II. Upcoming milestones

- Bartlett streetscape will complete construction in April 2016.
- Laurel Village design to start April of 2016
- Spofford to begin construction May of 2016
- Ocean Streetscape under construction

### III. Bond sales and appropriations

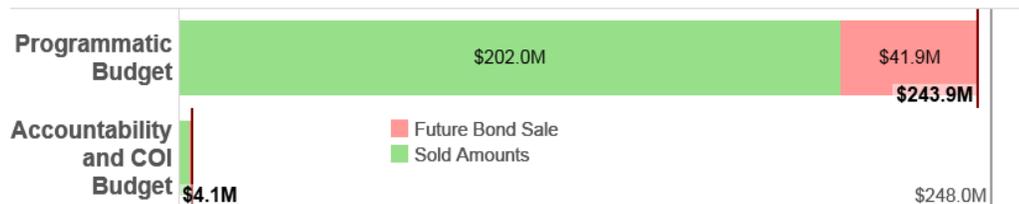
- City has issued two bond sales to date totaling \$205.3 million, leaving \$42.6 million for a future sale.
- 94% of total \$202M appropriated programmatic budget have been expended or encumbered as of Feb. 2016.
- Third and final bond sale of \$44.1 M to be issued in April of 2016.

### IV. Risks, issues or concerns on budget, scope or schedule *-none for this period-*

#### *Finale Bond Sale, including interest (March 2016)\**

Program	Total Issued to Date	3 <sup>rd</sup> Issuance	Interest	Total
Street Resurfacing	\$122,715,227	\$24,701,488	\$0	\$147,416,715
Sidewalk and Curb Ramp Accessibility	\$21,636,872	\$0	\$0	\$21,636,872
Structures	\$6,884,500	\$0	\$0	\$6,884,500
Streetscape, Ped, Bike	\$35,238,361	\$14,473,828	\$2,313,215	\$52,025,404
Signals	\$15,535,900	\$4,251,578	\$0	\$19,787,478
Accountability & Cost of Issuance subtotal	\$1,844,140	\$718,106	\$4,636	\$2,566,882
<b>Total</b>	<b>\$203,855,000</b>	<b>\$44,145,000</b>	<b>\$2,317,851</b>	<b>\$250,317,851</b>

#### *Status of Bond Sales (Nov. 2015)*

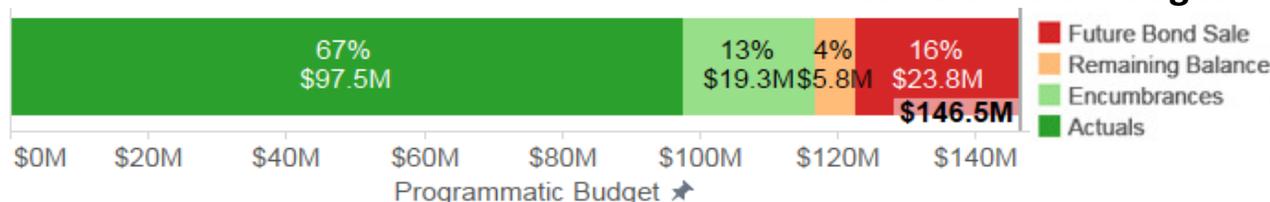


\*Revised 3<sup>rd</sup> issuance and interest amounts are not reflected in future bond sale amounts in the remaining of presentation. These budgets will be updated after the sale.



# Street Repaving and Reconstruction

## Status of Total Budget



## Recent accomplishments:

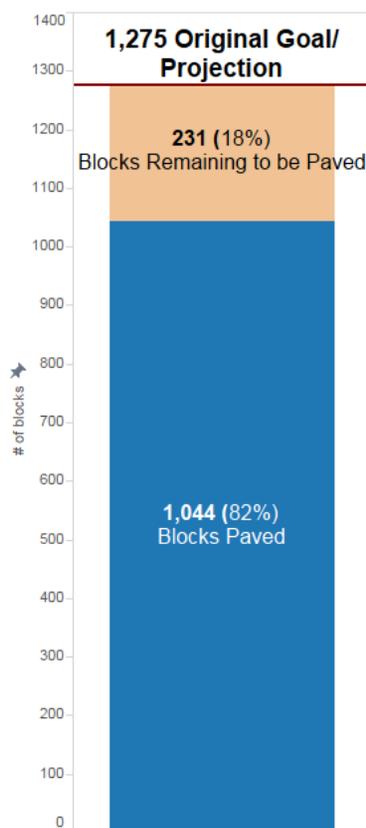
- 35 projects are completed/substantially complete
- 13 projects are under construction
- 1,044 blocks have been resurfaced or 82% of the total GO bond resurfacing goal (1,275)

## Milestones:

- Pavement Renovation—Guerrero, San Jose, and Corbett Ave. began November 2015
- Pavement Renovation—Webster Street began January 2016

## Upcoming Milestones:

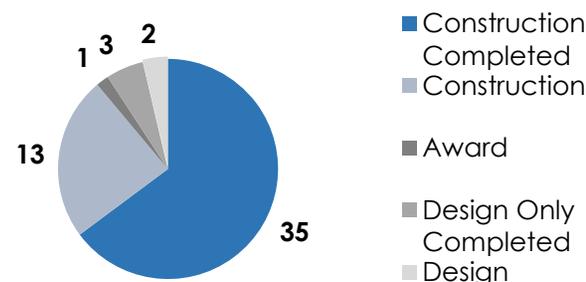
- 1 contract is currently in the process of being awarded



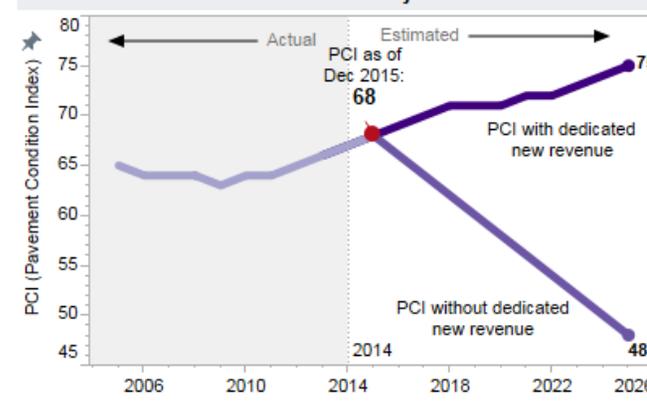
As of Feb '16, the City paved **1,044** blocks, or 82% of the 1,275 blocks planned for the bond, 70 more since September 2015.

## 54 Projects by Phase

### CURRENT PROJECTS



## SF Pavement Conditions: Actual & Projected



In Dec. '15, the Pavement Condition Index was updated to **68**; score increased two points since 2013.



# Streetscape, Pedestrian, and Bicycle Safety Improvements

## Recent accomplishments:

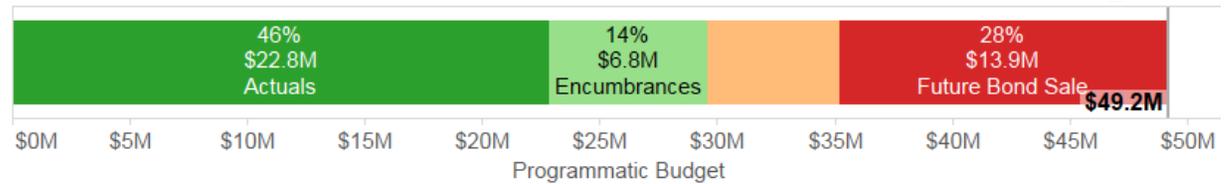
- Under construction: Bartlett, Fulton, 18<sup>th</sup>/Dolores, and Potrero
- Advertised: Irving

## Upcoming milestones or projects to be completed:

- Starting construction on Ocean Avenue, Columbus
- Advertisement of Polk Street, Spofford and Geneva Balboa Park

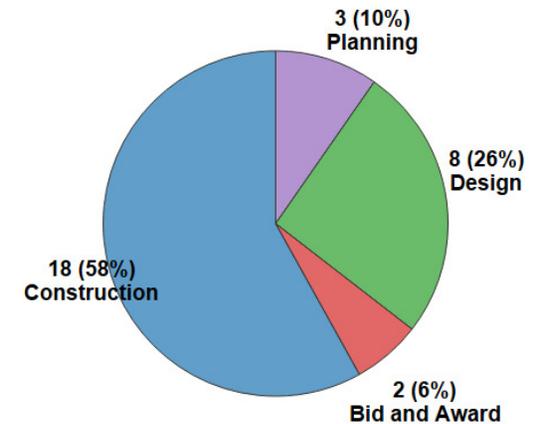
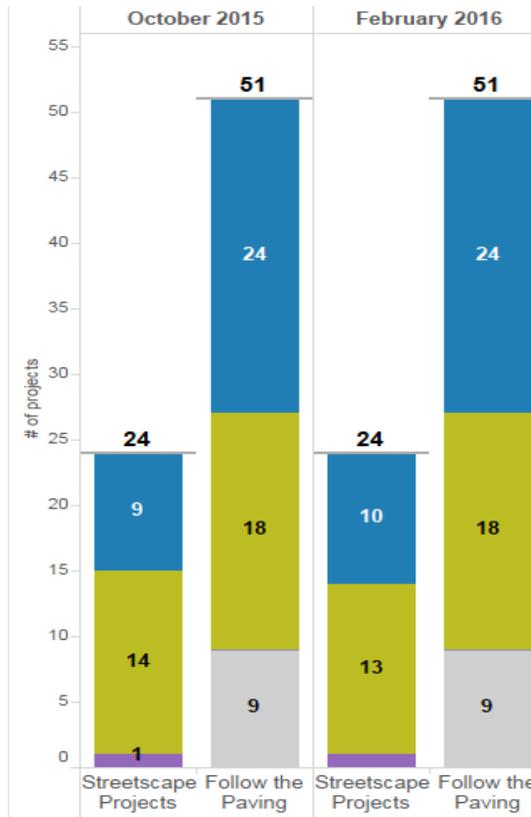


## Status of Total Budget



**44% of the 75 projects are substantially complete, 43% are active, and 13% cancelled or inactive**

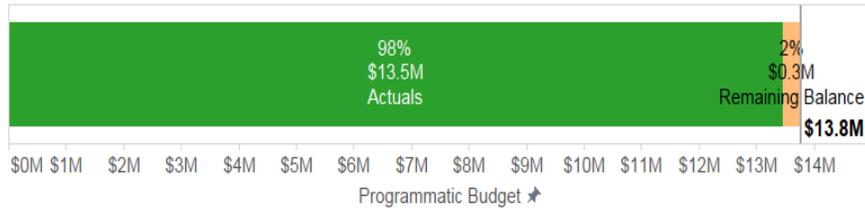
## Status of 31 active projects by phase (In April, 34% in construction)



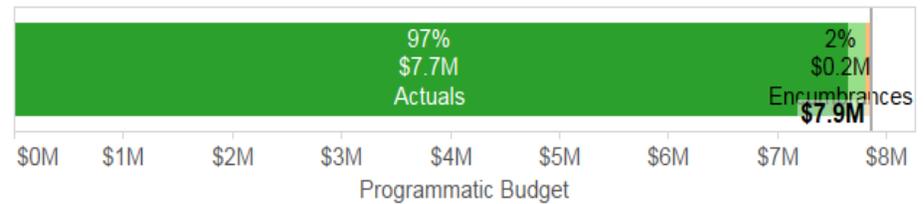
- Substantially Complete
- Active
- Planned
- cancelled
- Inactive/on-hold

\*Cancelled or inactive/on-hold projects are due to feasibility concerns stemming from higher than projected costs, schedule changes due to coordination needs, environmental factors, and/or more extensive public outreach needs.

# Curb Ramp Program

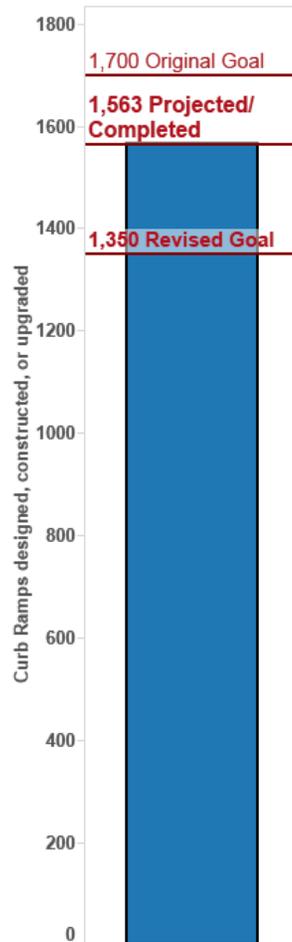


# Sidewalks



## Accomplishments:

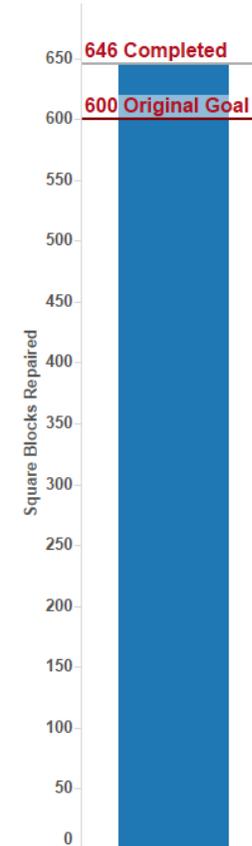
- This bond component is **100% complete**. **1,563 curb ramps**, or 115% of goal, were designed, constructed, or upgraded to comply with ADA standards.
- \$13.5M was spent over 3 years of planning, design and construction of curb ramps. The final construction was completed in October 2015.



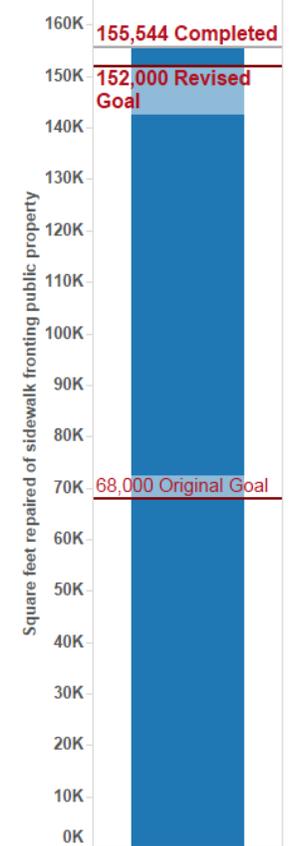
## Accomplishments:

- This bond component is **100% complete**. **Sidewalk Inspection & Repair Program (SIRP)** repaired a total of **646** square blocks (or 108% of goal), and **Accelerated Sidewalk Abatement Program (ASAP)** repaired **155,544** (or 102% of goal) square feet of damaged sidewalk fronting public properties, from FY11-12 thru FY14-15.
- 99%** of appropriated funds expended or encumbered

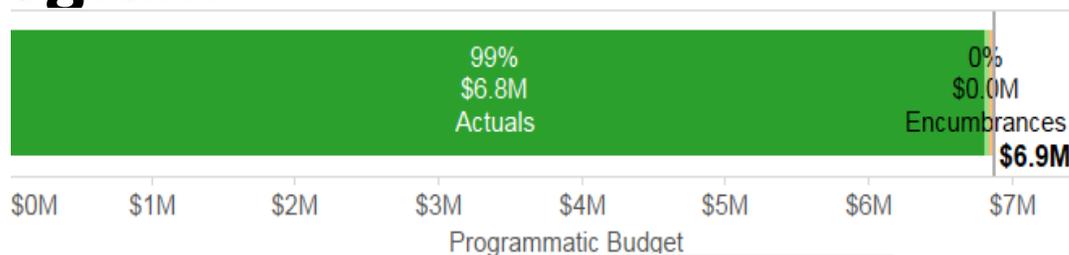
## SIRP



## ASAP



# Roadway Structure Program

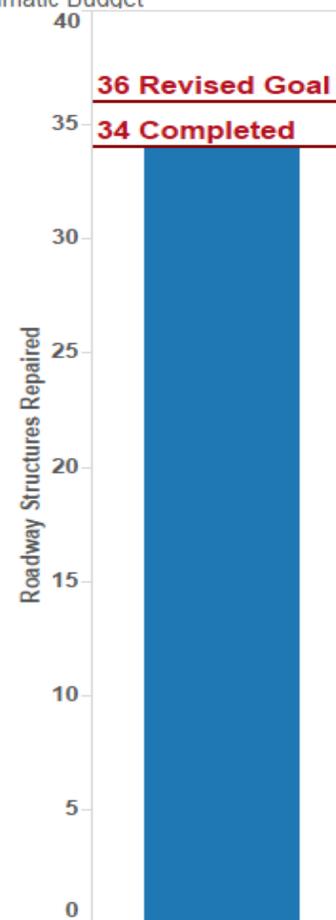


## Accomplishments:

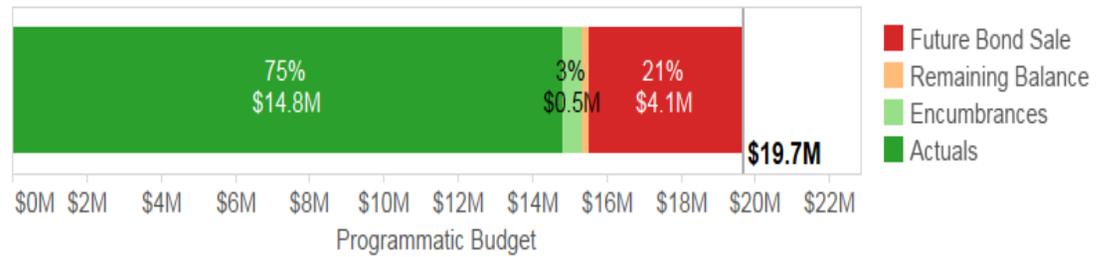
- **99%** of appropriated funds expended or encumbered.
- 2207J-Islais Creek Bridge Electrical Repair  
-Substantially completed 1/15/2016
- **35 of 36 (or 97%)** roadway structures have been repaired

## Upcoming milestones:

- 1831J-Highland Ave. Bridge Guardrail Repair  
-Scheduled substantial completion date 3/30/2016  
-Due to security issue, fencing is being installed with non-bond funds



# Traffic Signals (SFMTA)



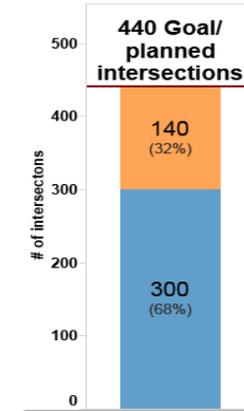
## Accomplishments:

99% of total appropriated funds expended or encumbered.  
 Remaining work to be completed with future bond sale.

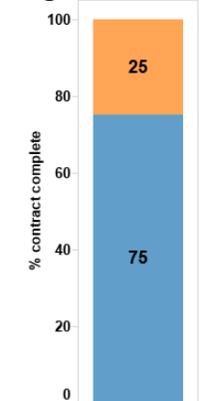
### I. Traffic Signal Priorities (TSP)

- TSP engineering strategy to provide, whenever possible, green signal indications for transit vehicles as they approach signalized intersections, to minimize transit delays and enhance transit on-time performance.
- To date, SFMTA has completed 300 intersections out of 440 planned intersections (**68% complete; 59% in March 2015**).

### Traffic Signal Priorities



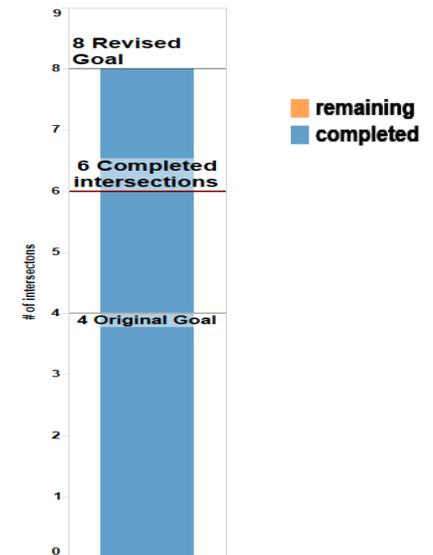
### New Traffic Signals status



### II. New Traffic Signals in 10 intersections

- New traffic signals at various intersections to improve safety for pedestrians, rail transit (cable cars), and vehicle traffic, as well as to enhance transit on-time performance. The signal construction contract is now **75% complete**. This contract was originally planned for completion in February 2016, but may be extended by 2 to 3 months to accommodate upcoming change orders for various minor design revisions to original project intersections, and new work at additional locations (to be funded separately from GO Bond).

### Traffic Signal Infrastructure Upgrades



### III. Traffic Signal infrastructure upgrades

- The SFMTA secured funds to improve safety along transit routes by upgrading traffic signal infrastructure at various intersections. Conduits and pull boxes were added at 6 locations in coordination with DPW, as part of various repaving projects.



# Outline of Quarterly Report Template

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Cover page

Executive Summary – overall bond program

Progress/status of bond subprograms or components

## **Attachments**

### **I. Status of budget and financial plan (bond sales)**

Includes table of detailed budget status, bond program financial plan, and other detailed financial information as needed

### **II. Change Orders**

Displays total and percentage of change orders and total contract amount for each subcomponent of the bond or significant stand alone projects/buildings. Also shows details on change order type and possibly discuss the link with criteria considered to set contingencies and actual use of contingencies, and complexity of projects and/or contracts.

### **III. Schedule of bond program components and list of relevant projects** *(next update June 2016)*

### **IV. Background information** *(next update June 2016)*

Includes background information, overall scope and program description, criteria for project selection or prioritization of each bond subprogram, important notes and disclaimers relevant to overall bond. Attachment may include comments on factors that may influence budget and schedule of bond program and projects; like revisions of estimates or changes in regulations, etc.

Road Repaving and Street Safety Bond

# Attachment I – Status of budget and financial plan

Report as of 02/19/16		11A = Year 1, 11B = Year 2									
Program Title	Values		SUBFUND		Total Revised Budget	Total Actuals	Total Encumbrances	Total Balance	Total % Expended	Total % of Expended and Encumbered	
	Revised Budget	Actuals	11A	11B							
	11A	11B	11A	11B							
CURB RAMPS	\$8,835,199	\$4,933,673	\$8,803,968	\$4,657,361	\$13,768,872	\$13,461,329	\$0	\$307,543	98%	98%	
SIDEWALKS	\$5,036,404	\$2,831,596	\$4,960,294	\$2,636,608	\$7,868,000	\$7,656,902	\$151,334	\$59,764	97%	99%	
STREET RESURFACING	\$44,153,496	78,561,731	\$44,019,230	\$53,508,544	\$122,715,227	\$97,527,773	\$19,346,942	\$5,840,511	79%	95%	
STREET RESURFACING-HOPE	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0%	0%	
STREET STRUCTURES	\$5,200,000	\$1,684,500	\$5,180,530	\$1,628,304	\$6,884,500	\$6,808,835	\$32,620	\$43,045	99%	99%	
STREETSCAPE/BIKE/PED	\$5,555,328	\$29,683,033	\$5,451,348	\$17,385,601	\$35,238,361	\$22,836,949	\$6,750,791	\$5,650,621	65%	84%	
TRAFFIC SIGNAL & STREET IMPROVEMENTS	\$4,720,000	\$10,815,900	\$4,667,896	\$10,137,012	\$15,535,900	\$14,804,908	\$526,095	\$204,897	95%	99%	
<b>Grand Total</b>	<b>\$73,500,427</b>	<b>128,510,433</b>	<b>\$73,083,265</b>	<b>\$90,013,431</b>	<b>\$202,010,860</b>	<b>\$163,096,695</b>	<b>\$26,807,783</b>	<b>\$12,106,382</b>	<b>81%</b>	<b>94%</b>	

## Breakdown of the Second Bond Sale

Program Title	Budget	Year One	Year Two	Total	Future Bond Sale	Totals
Sidewalk Accessibility Improvements (Curb Ramps and Sidewalks)	\$8,000,000	\$7,868,000	\$ 5,036,404	\$2,831,596	\$ 7,868,000	\$ 7,868,000
Street Resurfacing	\$149,000,000	\$146,541,500	\$ 44,153,496	\$73,645,231	\$ 117,798,727	\$ 136,708,500
Hope SF (10,000,000)				\$4,916,500	\$ 4,916,500	\$ 9,833,000
Street Structures	\$7,000,000	\$6,884,500	\$ 5,200,000	\$1,684,500	\$ 6,884,500	\$ 6,884,500
Streetscape, Bike, Ped	\$50,000,000	\$49,175,000	\$ 5,555,328	\$29,683,033	\$ 35,238,361	\$ 49,175,000
<b>DPW Subtotal</b>	<b>\$178,000,000</b>	<b>\$178,000,000</b>	<b>\$ 68,780,556</b>	<b>\$10,815,900</b>	<b>\$ 15,535,900</b>	<b>\$ 19,670,000</b>
Traffic Signal & Street Improvements	\$20,000,000	\$19,670,000	\$ 4,720,000	\$ 4,720,000	\$ 4,134,100	\$ 19,670,000
<b>MTA Subtotal</b>	<b>\$20,000,000</b>	<b>\$19,670,000</b>	<b>\$ 4,720,000</b>	<b>\$ 4,720,000</b>	<b>\$ 4,134,100</b>	<b>\$ 19,670,000</b>
<b>Project Fund Subtotal</b>	<b>\$248,000,000</b>	<b>\$243,908,000</b>	<b>\$ 73,500,556</b>	<b>\$128,510,432</b>	<b>\$ 202,010,988</b>	<b>\$41,897,012</b>
GOBOC (one tenth of 1%)		\$248,000	\$73,501	\$128,510	\$202,011	\$41,897
Controllers Audit Fund (two tenths of 1%)		\$496,000	\$147,001	\$257,021	\$404,022	\$83,794
Cost of Issuance (Estimated)		\$3,348,000	\$1,006,958	\$1,760,593	\$2,767,551	\$573,989
<b>Accountability and COI Subtotal</b>		<b>\$4,092,000</b>	<b>\$1,222,459</b>	<b>\$2,146,124</b>	<b>\$3,373,584</b>	<b>\$699,680</b>
<b>Total RRSS Bond Total</b>		<b>\$248,000,000</b>	<b>\$74,728,015</b>	<b>\$130,656,557</b>	<b>\$205,384,572</b>	<b>\$42,596,692</b>



# Road Repaving and Street Safety Bond

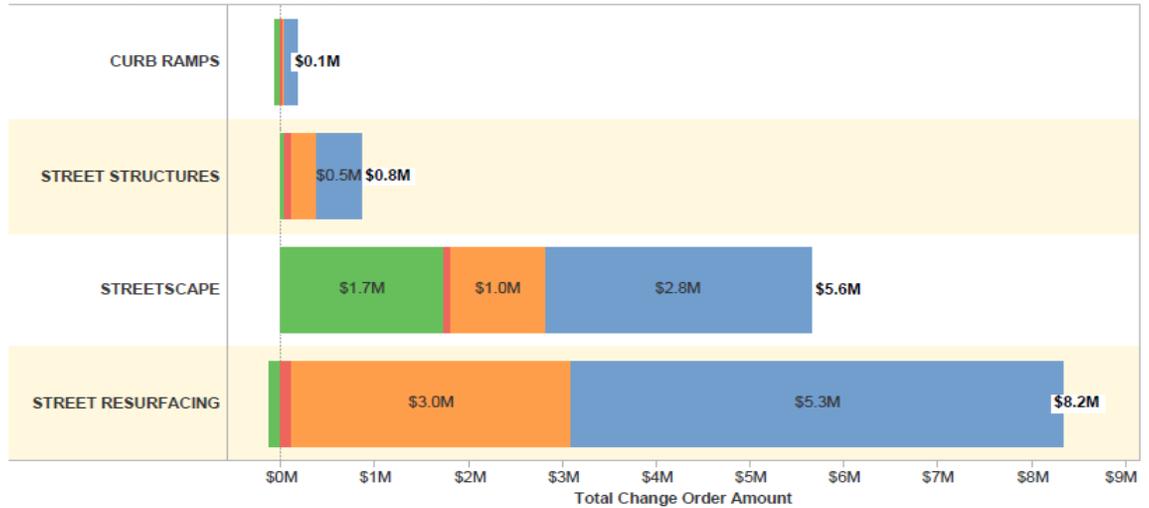
## Attachment II – Change Orders

### Reasons for Change Orders

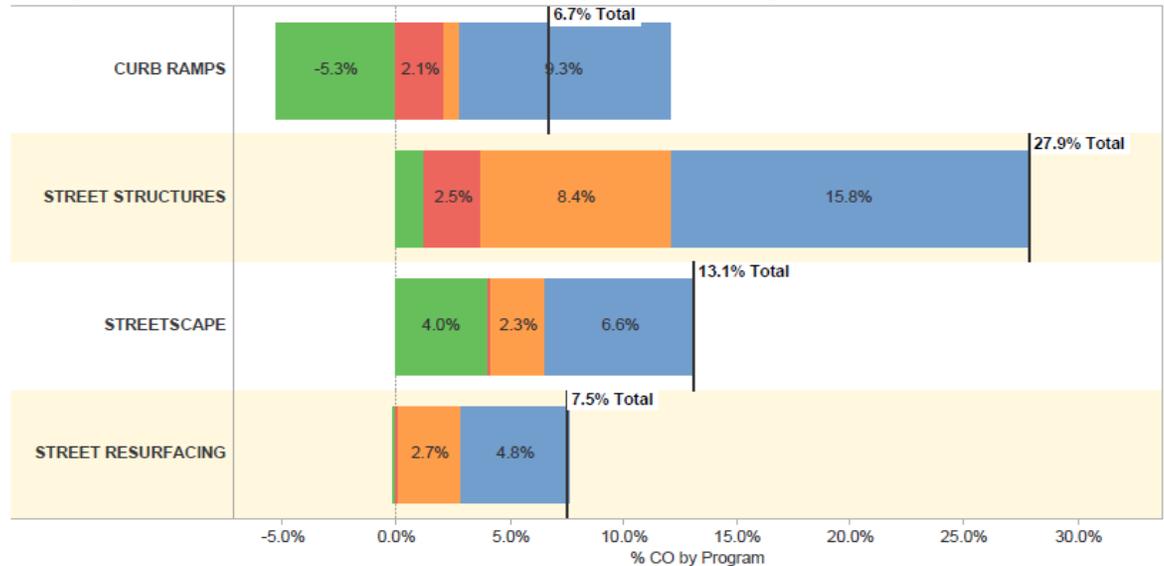
Quantity adjustments are frequently negative.

- Alts, Qty, Code, LDs, Other
- Unforeseen Conditions
- Errors & Omissions
- Client Requests

Total Change Order Value by Type within Program



Change Order Value as % of Total Amount Awarded, by Type within Program



\*Public Works is currently reviewing the accuracy and completeness of the change order reports to address the complexity of our projects and contracts and use of contingencies by program.

(Report period: 3/4/16)



**Attachment III – Schedule of bond program components and list of relevant projects**

**\*Schedules will be revised for June 2016 GOBOC report update to reflect final bond sale.**

\*Public Works will include here a schedule summary at the program level, as requested per Controller and CGOBOC representative, and plans to report at the project level only for big stand alone projects, like Public Safety Building, using Gantt charts as shown below.

Component	Dept. Lead	Original Completion Date	Actual/Projected Completion Date	Variance (days)	% Complete
Sidewalk and Accessibility Improvements	Public Works	12/31/2014	10/31/2015	304	ASAP: 100% SIRP: 94% Curb Ramps: 97%
Street Resurfacing	Public Works	1/31/2016	6/30/2017	516	54%
Streetscape, Pedestrian and Bicycle Safety Improvements	Public Works	12/31/2017	12/31/2018	365	35%
Street Structures	Public Works	6/30/2015	7/31/2015	31	86%
Traffic Signal Infrastructure Improvements	SFMTA	5/31/2016	5/31/2016	0	61%

Sample-high level summary (source: Controller’s Office Bonds Report (June 2015))

Select streetscape projects

