



Road Repaving & Street Safety, 2011

Presentation to the Capital Planning Committee

02.22.2016

2011 Streets Bond Overview

Scope: *street repaving and reconstruction; sidewalk and curb ramp accessibility improvements; street structure rehabilitation; streetscape, pedestrian, and bicycle safety; and transit and traffic signal infrastructure improvements*

Authorization Total : \$248,000,000

Amount Issued To Date: \$203,855,000

Proposed Issuance: \$44,145,000

Proposed Date of Issuance: *April 2016*

Documentation:

- ☐ Memo from the Office of Public Finance
- ☐ Copy of Authorization/Sale Resolution
- ☐ Copy of Draft Ordinance/Supplemental

Bond Overview

Program	Description	Key Deliverables/Milestones	Project Selection Process
Street Resurfacing	Repave, repair, and reconstruct street segments	Pave 1,275 blocks	<ul style="list-style-type: none"> •PCI Score •Multi-modal Routes •Functional Classification •Project Readiness •Equitable Distribution Across the City •Complaints
Sidewalks & Curb Ramps	Provide accessible paths of travel for all public sidewalks through the construction of curb ramps and repair of sidewalks	Design, construct, or upgrade 1,350 ramps Repair 600 square blocks through SIRP (proactive) Repair 68,000 square feet through ASAP (reactive)	<ul style="list-style-type: none"> •Requests from people with disabilities •Complaints for damaged sidewalks •Access to public facilities, Muni stations, transit hubs •Neighborhoods with low numbers of usable ramps
Street Structures	Repair or replace stairways, retaining walls, pedestrian bridges, vehicular bridges, viaducts, and tunnels	Repair 38 structures	<ul style="list-style-type: none"> •Structural deficiencies •Deteriorated and damaged railings •Need for lighting improvements •Mechanical and electrical equipment repair
Streetscape, Pedestrian, & Bicycle Safety	Traffic calming, separated bicycle lanes and bike safety features, pedestrian lighting and countdown signals, curb bulb-outs, tree planting, landscaping, and storm water management	<ul style="list-style-type: none"> • 24 streetscape projects • Over 50 Follow the Paving Projects 	<ul style="list-style-type: none"> •Existence in community supported plans •Submitted by department representatives from DPW, MTA, Planning •Reviewed by WalkSF, Bike Coalition, SF Beautiful and District Supervisors •Approved by CPC Jul 2012
Transit & Traffic Signal Infrastructure	Green signal indicators for transit vehicles; new signals for pedestrian safety; infrastructure such as new conduit, pull boxes, mast arms, signal heads, and poles	Adding green signal indicators to 440 intersections New traffic signals at 6 intersections	<ul style="list-style-type: none"> •Program ongoing for 1,100 signalized intersections •Program initiated in 1973

Status Update

Program	Accomplishments/Milestones
Street Resurfacing	1,036 of 1,275 blocks paved (81% of goal). 35 projects are complete; 13 projects under construction; 1 project is in the award phase (<i>as of Feb 2016</i>)
Sidewalk and Curb Ramp Accessibility	1,563 ramps designed, constructed, or upgraded (116% of revised goal); 646 square blocks repaired through SIRP (108% of goal); 155,544 square feet repaired through ASAP (102% of revised goal) (<i>as of Nov 2015</i>)
Structures	34 of 38 structures repaired (89% of goal) (<i>as of Nov 2015</i>)
Streetscape, Ped, Bike	<ul style="list-style-type: none"> • 9 Streetscape projects have been completed • 24 Follow the Paving are completed
Signals	Green signal indicators added at 300 of 440 targeted intersections (68% of goal); signal activations completed at 3 of 6 intersections (50% of goal); infrastructure modifications completed at 6 of 8 intersections (75% of goal) (<i>as of Nov 2015</i>).



24th Street Urban Village, 2015



Taraval Streetscape, 2015



Castro Streetscape, 2014



Polk Street Contra-Flow Bike Lane, 2014



19th Avenue Planted Median, Ph. II, 2015



Randolph & Broad Streetscape, 2015



Fell & Oak Pedestrian Improvements, 2015



Balboa Street Follow-the-Paving, 2014

Issuance Summary

	<i>Past Bond Sale(s)</i>			<i>Current Sale</i>	
Program	1 st Issuance	2 nd Issuance	Total Issued to Date	3 rd Issuance (final)	Total
Street Resurfacing	\$44,153,496	\$78,561,731	\$122,715,227	\$23,826,273	\$146,541,500
Sidewalk and Curb Ramp Accessibility	\$13,871,603	\$7,765,269	\$21,636,872	\$0	\$21,636,872
Structures	\$5,200,000	\$1,684,500	\$6,884,500	\$0	\$6,884,500
Streetscape, Ped, Bike	\$5,555,328	\$29,683,033	\$35,238,361	\$15,223,028	\$50,461,389
Signals	\$4,720,000	\$10,815,900	\$15,535,900	\$4,134,100	\$19,670,000
Accountability & Cost of Issuance subtotal	\$794,573	\$1,049,567	\$1,844,140	\$961,599	\$2,805,739
Total	\$74,295,000	\$129,560,000	\$203,855,000	\$44,145,000	\$248,000,000

Encumbrances & Expenditures

by Program for 1st & 2nd Sales

Program	Project Funds	Actuals	Encumbrances	Balance	% Expended	% Expended & Encumbered
Street Resurfacing	\$122,715,227	\$88,696,516	\$23,597,891	\$10,420,820	72%	92%
Curb Ramps	\$13,768,872	\$13,113,297	\$328,167	\$327,408	95%	98%
Sidewalks	\$7,868,000	\$7,173,279	\$609,436	\$85,285	91%	99%
Structures	\$6,884,500	\$6,066,246	\$735,438	\$82,817	88%	99%
Streetscape	\$35,238,361	\$21,074,802	\$3,488,448	\$10,675,112	60%	70%
Signals	\$15,535,900	\$14,063,591	\$1,306,051	\$166,258	91%	99%
Total	\$202,010,860	\$150,187,731	\$30,065,430	\$21,757,699	74%	89%

Program Schedule Overview

Program	Original Completion Date	Projected Completion Date
Street Resurfacing	6/30/15	12/21/18
Sidewalks	12/31/14	9/29/16
Curb Ramps	12/31/14	10/31/15
Structures	6/30/15	1/31/16
Streetscape	12/31/17	12/31/18
Signals	5/31/16	12/31/16

Link to the Capital Plan

- Infrastructure & Streets chapter of the Capital Plan includes many of the programs funded by the 2011 Streets Bond:
 - Street Resurfacing
 - Street Structures
 - Sidewalk Improvements and Repairs
 - Public Right-of-Way ADA Transition Plan (Curb Ramps and Sidewalks)
 - Streetscape Improvement Program

Upcoming Challenges & Risks

- Street Resurfacing Program Challenges
 - In order to minimize disruption to the City, utility coordination and clearances can occur during any phase of the project.
 - May cause the scope of work to change
 - Extend the time/schedule of the project
 - Change the schedule of the project