

DRAFT 2014 PROPOSITION K  
5-YEAR PRIORITIZATION PROGRAM



**SIGNALS AND SIGNS  
MAINTENANCE AND RENOVATION**

Approved: [DATE]

Prepared for the San Francisco County Transportation Authority

By San Francisco Municipal Transportation Agency

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SAN FRANCISCO COUNTY TRANSPORTATION AUTHORITY

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## Eligibility

Eligibility as identified in the voter approved Prop K Expenditure Plan is as follows:

“Signals and Signs Maintenance and Renovation: Programmatic improvements including maintenance and upgrade of traffic signs and signals. Signal maintenance includes new mast arms, LED signals, conduits, wiring, pedestrian signals, left turn signals. Includes transit pre-empts and bicycle route signs and signals. Maintenance and upgrades of traffic striping and channelization to improve safety. Includes maintenance and replacement of red light enforcement cameras. Includes project development and capital costs. Sponsoring Agency: DPT. The first \$87.9M is Priority 1 and the remainder is Priority 2. Total Funding: \$170.5M; Prop K: \$99.8M.”

DPT stands for Department of Parking and Traffic. DPT was merged with Muni (San Francisco Municipal Railway and is now under the San Francisco Municipal Transportation Agency (SFMTA).

## Prioritization Criteria

One of the key required elements of the 5YPPs is a transparent process for how projects get selected. Prop K requires at a minimum that each category include prioritization criteria that address project readiness, community support, and relative level of need or urgency. For this 5YPP update, the Citizens Advisory Committee requested that the Transportation Authority and project sponsors develop a user-friendly, transparent scoring table that could apply to all 5YPPs, and that the scoring prioritize safety and community input highly.

Table 3 shows the new Prioritization Criteria and Scoring Table. Each project can receive a maximum of 20 points, with 10 points allocated programwide criteria and 10 points allocated for category specific criteria.

The Expenditure Plan also requires consideration of geographic equity in terms of project distribution that takes into account the various needs of San Francisco's neighborhoods. The primary prioritization factors for this category include safety and coordination opportunities, especially with street paving projects, which can incorporate underground signal hardware like conduits with the least disturbance in the most cost efficient manner. Signal upgrade projects are normally implemented at a corridor level, which tends to be more diversely distributed in the long run.

### Stretching Your Prop K Sales Tax Dollars Farther

Leveraging Prop K funds against non-Prop K fund sources (e.g., federal, state, other local funds) is necessary to fully fund the Expenditure Plan projects and programs. For the Signals and Signs Maintenance and Renovation category, the Prop K Expenditure Plan assumes that for every \$1 of every dollar of sales tax revenue spent, it would be leveraged by about \$0.71 in non-Prop K funds. The table below compares Prop K Expenditure Plan assumptions with proposed leveraging in the 2014 5-year project lists.

**Table 1. Prop K Leveraging<sup>1</sup>**

Category	Expected Leveraging (Non-Prop K Funds)	Proposed Leveraging (Non-Prop K Funds)
Signals and Signs Maintenance and Renovation	41%	61%

<sup>1</sup> This table compares the expected leveraging assumed in the Expenditure Plan with the proposed leveraging assumed in the 5-Year Project List.

**Table 2. Project Delivery Snapshot  
Signals and Signs**

**Table 2a. Prop K Funds Allocated**

5-Year Prioritization Program (5YPP) Period	Programmed (Available for Allocation)	Total Allocated as of 3/31/2014	% Allocated
2005 5YPP (FY 2004/05-2008/09)	\$19,938,595	\$16,079,798	81%
2009 5YPP (FY 2009/10 -2013/14) *	\$13,185,972	\$5,888,423	45%
<b>Total *</b>		\$21,968,221	

\* Funds programmed in the 2009 5YPP may include programmed but unallocated funds from the 2005 5YPP, as well as de-obligated funds.

**Table 2b. Percent Complete**

Tables show allocations and percent complete through March 31, 2014, based on project sponsors' progress reports.

**Completed Projects/Project Phases** (sorted by allocation year, then sponsor, then project name)

Sponsor	Fiscal Year of Allocation	5YPP Period	Project Name	Phase(s) Funded	Total Allocated as of 3/31/2014	% Complete as of 3/31/2014
SFMTA	2004/05	2005	2005 5-Year Prioritization Program Development	Planning	\$ 26,300	100%
SFMTA	2004/05	2005	Signal Upgrades (FY04/05)	Construction	\$ 2,317,376	100%
SFMTA	2005/06	2005	Market Street Wayfinding Signage Program	Planning	\$ 36,185	100%
SFMTA	2005/06	2005	Raised Pavement Markers	Construction	\$ 58,874	100%
SFMTA	2005/06	2005	Signal Upgrades - Mission Street	Construction	\$ 2,235,615	100%
SFMTA	2005/06	2005	Traffic Sign Graffiti Program	Construction	\$ 368,000	100%
SFMTA	2005/06	2005	Traffic Signal Upgrades	Construction	\$ 5,937,894	100%
SFMTA	2006/07	2005	19th Ave Signal Upgrades - Phase 1	Construction	\$ 199,956	100%
SFMTA	2006/07	2005	Raised Pavement Markings	Construction	\$ 75,000	100%
SFMTA	2007/08	2005	Traffic Sign Graffiti	Procurement, Construction	\$ 159,771	100%
SFMTA	2007/08	2005	Park Presidio/19th Avenue Signal Upgrades, Phase II	Design, Procurement, Construction	\$ 1,751,158	100%

**Table 2. Project Delivery Snapshot  
Signals and Signs**

**Completed Projects/Project Phases** (sorted by allocation year, then sponsor, then project name)

Sponsor	Fiscal Year of Allocation	5YPP Period	Project Name	Phase(s) Funded	Total Allocated as of 3/31/2014	% Complete as of 3/31/2014
SFMTA	2007/08	2005	Signal Modification Contract 32	Construction	\$ 1,981,197	100%
SFMTA	2007/08	2005	Traffic Sign Graffiti Program	Planning, Procurement, Construction	\$ 153,450	100%
SFMTA	2007/08	2005	Traffic Signal Upgrades - Mission Street - Additional Construction Funds	Construction	\$ 195,715	100%
SFMTA	2008/09	2005	Traffic Sign Graffiti Program 2009	Procurement, Construction	\$ 108,557	100%
SFMTA	2008/09	2005	Traffic Signal Hardware Upgrades	Procurement	\$ 474,750	100%
SFMTA	2009/10	2009	Traffic Sign Graffiti and Upgrade Program 2009	Procurement, Construction	\$ 239,921	100%
SFMTA	2010/11	2009	Signal Modification Contract 33	Design	\$ 292,650	100%
SFMTA	2011/12	2009	15 MPH Zones Near Schools - Group 1	Construction	\$ 135,221	100%
SFMTA	2011/12	2009	15 MPH Zones Near Schools - Group 2	Construction	\$ 134,897	100%
SFMTA	2011/12	2009	15 MPH Zones Near Schools - Group 2	Planning	\$ 42,600	100%
SFMTA	2011/12	2009	19th Avenue Accessible Pedestrian Signals	Design	\$ 40,000	100%
SFMTA	2011/12	2009	19th Avenue Accessible Pedestrian Signals	Procurement	\$ 120,000	100%
SFMTA	2011/12	2009	19th Avenue Accessible Pedestrian Signals	Construction	\$ 140,000	100%
SFMTA	2011/12	2009	Mission-Geneva Transit and Pedestrian Improvements	Construction	\$ 51,997	100%
SFMTA	2011/12	2009	Traffic Sign Graffiti and Upgrade Program	Procurement	\$ 120,000	100%
SFMTA	2012/13	2009	Gough Street Signal Upgrades - Conduit	Design	\$ 42,905	100%

**Table 2. Project Delivery Snapshot  
Signals and Signs**

**Projects/Project Phases Underway** (sorted by allocation year, then sponsor, then project name)

Sponsor	Fiscal Year of Allocation	5YPP Period	Project Name	Phase(s) Funded	Total Allocated as of 3/31/2014	% Complete as of 3/31/2014
SFMTA	2010/11	2009	Light Rail Corridor Signal and Pavement Marking Improvements	Procurement, Construction	\$ 98,755	50%
SFMTA	2011/12	2009	Masonic and Turk Signal Upgrade	Design	\$ 8,000	95%
SFMTA	2011/12	2009	Masonic Ave Traffic Signal Upgrade	Design	\$ 36,000	95%
SFMTA	2011/12	2009	Traffic Sign Graffiti and Upgrade Program	Construction	\$ 200,000	70%
SFMTA	2012/13	2009	Bayshore Blvd and Paul Ave - Traffic Signal Upgrade	Construction	\$ 58,340	65%
SFMTA	2012/13	2009	Contract 33 Traffic Signal Modifications	Construction	\$ 2,048,000	40%
SFMTA	2012/13	2009	Franklin Street Signal Upgrades - Conduit	Construction	\$ 715,447	70%
SFMTA	2012/13	2009	New Pedestrian Signals	Construction	\$ 432,139	30%
SFMTA	2012/13	2009	Sunset Boulevard Pedestrian Countdown Signals	Construction	\$ 633,000	99%
DPT	2013/14	2009	Masonic Avenue Signal Upgrades	Construction	\$ 259,000	1%
DPT	2013/14	2009	Eddy and Ellis Traffic Calming Improvements	Environmental	\$ 27,550	0%

For more information on Prop K and other Transportation Authority funded projects, visit <http://www.sfcta.org/mystreetsf-projects-map> to access an interactive map showing projects in your neighborhood and citywide.

Table 3 - Prioritization Criteria and Scoring Table  
Signals and Signs (EP 33)

	PROP K PROGRAM-WIDE CRITERIA			CATEGORY SPECIFIC CRITERIA			Total
	Project Readiness	Community Support	Time Sensitive Urgency	Safety	Replace Asset at End of Useful Life	Provides Benefits to Multiple Users	
<b>Total Possible Score</b>	4	3	3	4	3	3	20
<b>Follow-the-Paving</b>							
Follow-the-Paving (Spot Traffic Signal Improvements)							
<b>Traffic Signal Upgrades</b>							
Locations will be scored at the time of allocation. See text and Project Information Form for more details.							
Locations will be scored at the time of allocation. See text and Project Information Form for more details.							
Traffic Signal Upgrades (15 Locations) FY 16-PS&E	4	1	1	3	3	3	15
Traffic Signal Upgrades (15 Locations) FY 16-CON	4	3	2	3	3	3	18
Traffic Signal Upgrades (15 Locations) FY 18-PS&E	3	3	2	3	3	3	17
Franklin/Divisadero Corridor Signal Upgrade	2	3	2	3	3	3	16
Eddy and Ellis Traffic Calming Improvement	2	1	0	2	3	3	11
19th Avenue Signals Phase 3 (9)-PSE	3	1	0	4	3	3	14
19th Avenue Signals Phase 3 (9)-CON	4	1	3	4	3	3	18
Replace Video Detection on 3rd Street	4	1	3	4	3	3	18
Traffic Signal Visibility Upgrades (12)	4	1	3	4	3	3	18
South Van Ness Conduit Installation	4	1	3	4	3	3	18
South Van Ness Signal Upgrade (12)-PS&E	4	1	3	4	3	3	18
South Van Ness Signal Upgrade (12)-CON	3	1	3	4	3	3	17
Polk Corridor Signal Upgrade-PS&E	4	1	3	4	3	3	18
Polk Corridor Signal Upgrade-CON	2	1	3	4	3	3	16
Gough Corridor Signal Upgrade (14)-PS&E	4	1	2	4	3	3	17
Gough Corridor Signal Upgrade (14)-CON	2	1	2	4	3	3	15
Great Highway Traffic Signal Upgrade	2	1	0	3	3	3	12
Van Ness BRT SFgo Signal Improvements	4	1	2	3	3	3	16

**Table 3 - Prioritization Criteria and Scoring Table  
Signals and Signs (EP 33)**

**Prioritization Criteria Definitions:**

**Project Readiness:** Project likely to need funding in fiscal year proposed. Factors to be considered include adequacy of scope, schedule, budget and funding plan relative to current project status (e.g. expect more detail and certainty for a project about to enter construction than design); whether prior project phases are completed or expected to be completed before beginning the next phase; and whether litigation, community opposition or other factors may significantly delay project.

**Community Support:** Project has clear and diverse community support and/or was it identified through a community-based planning process. An example of a community-based plan is a neighborhood transportation plan, but not a countywide plan or agency capital improvement program.

Three points for a project in an adopted community based plan with evidence of diverse community support.

Two points for a project with evidence of support from both neighborhood stakeholders and groups and citywide groups.

One point for a project with evidence of support from either neighborhood stakeholders and groups or citywide groups.

**Time Sensitive Urgency:** Project needs to proceed in proposed timeframe to enable construction coordination with another project (e.g., minimize costs and construction impacts); to support another funded or proposed project (e.g. new signal controllers need to be installed to support TEP implementation); or to meet timely use of funds deadlines associated with matching funds.

**Safety:** (One point for each): Addresses demonstrated safety issue; reduces potential conflicts between modes; benefits users of multiple modes; and increases security.

**Replaces asset at end of useful life:** Replaces equipment that has reached the end of useful life per industry-accepted levels.

**Provides Benefits to Multiple Users:** Project receives one point each for addressing the needs of pedestrians, bicyclists, and/or transit users.



**Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - 2018/19)**  
**Signals and Signs (EP 33)**  
**Programming**

Agency	Project Name	Phase(s)	Status	Fiscal Year					Total
				2014/15	2015/16	2016/17	2017/18	2018/19	
<b>Follow-the-Paving</b>									
SFMTA	Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	Planned	\$200,000					\$200,000
SFMTA	Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	Planned		\$200,000				\$200,000
SFMTA	Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	Planned			\$200,000			\$200,000
SFMTA	Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	Planned				\$200,000		\$200,000
SFMTA	Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	Planned					\$150,000	\$150,000
<b>Traffic Signal Upgrades</b>									
SFMTA	Traffic Signal Upgrades (15 Locations)	PS&E	Planned	\$660,000					\$660,000
SFMTA	Traffic Signal Upgrades (15 Locations)	CON	Planned		\$2,640,000				\$2,640,000
SFMTA	Traffic Signal Upgrades (15 Locations)	PS&E	Planned		\$660,000				\$660,000
SFMTA	Franklin/Divisadero Corridor Signal Upgrade	CON	Planned		\$3,435,000				\$3,435,000
SFMTA	Eddy and Ellis Traffic Calming Improvement (NTIP)	CON	Planned	\$142,271					\$142,271
SFMTA	19th Avenue Signals Phase 3 (9)	PS&E	Planned	\$630,000					\$630,000
SFMTA	19th Avenue Signals Phase 3 (9)	CON	Planned			\$2,520,000			\$2,520,000
SFMTA	Replace Video Detection on 3rd Street Phase 1	CON, PROC	Planned	\$300,000					\$300,000
SFMTA	Replace Video Detection on 3rd Street Phase 2	CON, PROC	Planned			\$300,000			\$300,000
SFMTA	Replace Video Detection on 3rd Street Phase 3	CON, PROC	Planned				\$457,950		\$457,950
SFMTA	Traffic Signal Visibility Upgrades (12)	PS&E, CON	Planned		\$300,000				\$300,000
SFMTA	South Van Ness Conduit Installation	PS&E, CON	Planned	\$200,000					\$200,000
SFMTA	South Van Ness Signal Upgrade (12)	PS&E	Planned	\$398,100					\$398,100
SFMTA	South Van Ness Signal Upgrade (12)	CON	Planned			\$1,434,900			\$1,434,900
SFMTA	Polk Corridor Signal Upgrade	PS&E	Planned	\$660,000					\$660,000

**Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - 2018/19)**  
**Signals and Signs (EP 33)**  
**Programming**

Agency	Project Name	Phase(s)	Status	Fiscal Year					Total
				2014/15	2015/16	2016/17	2017/18	2018/19	
SFMTA	Polk Corridor Signal Upgrade	CON	Planned		\$1,222,500				\$1,222,500
SFMTA	Gough Corridor Signal Upgrade (14)	PS&E	Planned	\$463,000					\$463,000
SFMTA	Gough Corridor Signal Upgrade (14)	CON	Planned		\$2,450,000				\$2,450,000
SFMTA	Great Highway Traffic Signal Upgrade (8)	CON	Planned			\$607,729			\$607,729
SFMTA	Van Ness BRT S/figo Signal Improvements	CON	Planned		\$2,275,000				\$2,275,000
SFMTA	Neighborhood Transportation Improvement Program (NTIP)	PS&E, CON	Planned		\$357,729				\$357,729
<b>Total Programmed in 5YPP</b>				\$3,653,371	\$13,540,229	\$5,062,629	\$657,950	\$150,000	\$23,064,179
<b>Total Programmed in 2013 Strategic Plan Baseline</b>				\$2,000,000	\$2,500,000	\$2,845,127	\$2,993,637	\$3,149,014	\$13,487,778
<b>Cumulative Remaining Programming Capacity</b>				<b>(\$1,653,371)</b>	<b>(\$12,693,600)</b>	<b>(\$14,911,102)</b>	<b>(\$12,575,415)</b>	<b>(\$9,576,401)</b>	<b>(\$9,576,401)</b>

**Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - 2018/19)**  
**Signals and Signs (EP 33)**  
**Cash Flow**

Project Name	Phase	Fiscal Year					Total
		2014/15	2015/16	2016/17	2017/18	2018/19	
<b>Follow-the-Paving</b>							
Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON	\$200,000					\$200,000
Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON		\$200,000				\$200,000
Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON			\$200,000			\$200,000
Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON				\$200,000		\$200,000
Follow-the-Paving (Spot Traffic Signal Improvements)	PS&E, CON					\$150,000	\$150,000
<b>Traffic Signal Upgrades</b>							
Traffic Signal Upgrades (15 Locations)	PS&E	\$330,000	\$330,000				\$660,000
Traffic Signal Upgrades (15 Locations)	CON		\$440,000	\$1,320,000	\$880,000		\$2,640,000
Traffic Signal Upgrades (15 Locations)	PS&E		\$330,000	\$330,000			\$660,000
Franklin/Divisadero Corridor Signal Upgrade	CON		\$1,717,500	\$1,717,500			\$3,435,000
Eddy and Ellis Traffic Calming Improvement (NTIP)	CON		\$71,136	\$71,135			\$142,271
19th Avenue Signals Phase 3 (9)	PS&E	\$315,000	\$315,000				\$630,000
19th Avenue Signals Phase 3 (9)	CON			\$2,000,000	\$520,000		\$2,520,000
Replace Video Detection on 3rd Street Phase 1	CON, PROC	\$200,000	\$100,000				\$300,000
Replace Video Detection on 3rd Street Phase 2	CON, PROC			\$200,000	\$100,000		\$300,000
Replace Video Detection on 3rd Street Phase 3	CON, PROC				\$305,300	\$152,650	\$457,950
Traffic Signal Visibility Upgrades (12)	PS&E, CON		\$200,000	\$100,000			\$300,000
South Van Ness Conduit Installation	PS&E, CON	\$200,000					\$200,000
South Van Ness Signal Upgrade (12)	PS&E	\$199,050	\$199,050				\$398,100
South Van Ness Signal Upgrade (12)	CON			\$478,300	\$478,300	\$478,300	\$1,434,900
Polk Corridor Signal Upgrade	PS&E	\$500,000	\$160,000				\$660,000

Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - 2018/19)  
 Signals and Signs (EP 33)  
 Cash Flow

Project Name	Phase	Fiscal Year					Total
		2014/15	2015/16	2016/17	2017/18	2018/19	
Polk Corridor Signal Upgrade	CON		\$407,500	\$815,000			\$1,222,500
Gough Corridor Signal Upgrade (14)	PS&E	\$231,500	\$231,500				\$463,000
Gough Corridor Signal Upgrade (14)	CON		\$0	\$800,000	\$1,650,000		\$2,450,000
Great Highway Traffic Signal Upgrade (8)	CON			\$0	\$303,865	\$303,864	\$607,729
Van Ness BRT Sfigo Signal Improvements	CON		\$1,706,250	\$568,750			\$2,275,000
Neighborhood Transportation Improvement Program (NTIP)	PS&E, CON		\$178,865	\$178,864			\$357,729
<b>Total Cash Flow in 5YPP</b>		\$2,175,550	\$6,586,801	\$8,779,549	\$4,437,465	\$1,084,814	\$23,064,179
<b>Total Cash Flow in 2013 Strategic Plan Baseline</b>		\$1,000,000	\$2,250,000	\$2,672,564	\$2,919,382	\$3,071,326	\$13,487,778
<b>Cumulative Remaining Cash Flow Capacity</b>		<b>(\$1,175,550)</b>	<b>(\$5,512,351)</b>	<b>(\$11,619,337)</b>	<b>(\$13,137,420)</b>	<b>(\$11,150,908)</b>	<b>(\$9,576,401)</b>



**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2014/15
Project Information	
<b>Project Name:</b>	Follow-the-Paving (Spot Traffic Signal Improvements)
<b>Project Location:</b>	See below for FY 2014/15 paving locations
<b>Project Supervisorial District(s):</b>	TBD
<b>Project Description:</b>	<p>In coordination with other projects, particularly street paving projects, this project will install both underground conduit to enable the future installation of pedestrian countdown signals, as well as above ground improvements, such as new mast-arms, signal heads, accessible pedestrian signals, and pedestrian signals to coincide with paving projects. Generally, follow-the-paving elements are intended to be relatively small additions to paving projects (versus a high-end complete streets enhancement) and do not delay the overall paving project. FY 2014/15 paving locations with potential coordination opportunities are listed below.</p> <ul style="list-style-type: none"> <li>- Ortega, 47th to Great Highway</li> <li>- Kirkham, 5th Ave to 6th Ave</li> <li>- Cabrillo St, 19th Ave to 25th Ave</li> <li>- Cherry St, Clay St to Sacramento St</li> <li>- Hawes St, Quesada Ave Intersection</li> <li>- Scott St, Turk St to Eddy St</li> <li>- Yerba Buena Ave, Santa Clara Ave to Santa Paula Ave</li> <li>- 15th Ave, Ulloa to Vicente</li> <li>- Claremont, Ulloa to Dorchester</li> <li>- Meda Ave, Otsego to Delano</li> </ul>
<b>Purpose and Need:</b>	Improve state of good repair of traffic signals and safety of the transportation network.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Phase	% Complete	In-house - Contracted - Both	Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)						
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)						
End Construction (i.e. Open for Use)						
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**  
Detailed schedule is to be determined through interagency coordination. Sufficient detail and a scored proposed project(s) will be required when the allocation request is submitted.



**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**



Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2014/15
Project Information	
<b>Project Name:</b>	Traffic Signal Upgrades (15 Locations) FY 2014/15
<b>Project Location:</b>	Candidate locations include: - 1st St and Market - 6th St and Market/Golden Gate - 7th Ave and Lincoln - 9th Ave and Irving, Judah - 9th St and Harrison - 14th Ave and Portola/San Anselmo/Santa Ana - 14th St and South Van Ness - 16th St and South Van Ness, Folsom - 17th Ave and Geary - 17th St and Castro/Market - 20th Ave and Lincoln - 23rd St and Dolores - Alemany and Sickles
<b>Project Supervisorial District(s):</b>	1, 3, 4, 5, 6, 7, 8, 9, 11
<b>Project Description:</b>	Signal upgrade projects replace all signal hardware at a given intersection, above and below ground, with new equipment. This includes the controller and its foundation, vehicle and pedestrian signals, poles, conduit, wiring, detection and sometimes signal interconnect (communication infrastructure between traffic signals). The signal upgrade may also include the addition of mast arm mounted signals for improved visibility and usually the installation of pedestrian signals if they are not already present at the intersection. Signal operations may also be changed to improve safety and efficiency.
<b>Purpose and Need:</b>	To maintain safe and interconnected traffic signal network.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones  Phase	Status	Work	Start Date		End Date	
	% Complete	In-house - Contracted - Both	Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2014/2015	3	2015/2016
R/W Activities/Acquisition						
Advertise Construction			3	2015/2016	4	2015/2016
Start Construction (i.e. Award Contract)			1	2016/2017		
End Construction (i.e. Open for Use)					2	2017/2018
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**  
Sufficient detail and a scored list of proposed locations will be required when the allocation request is submitted.





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**



Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2015/16
Project Information	
<b>Project Name:</b>	Traffic Signal Upgrades (15 Locations) FY 15/16
<b>Project Location:</b>	Candidate locations include: - Anza and Stanyan - Argent and Market - Arguello and Clement/Euclid - California and Laguna - Cargo and Mendell - Chestnut and Van Ness - Clay and Montgomery - Clayton and Market - Corbett and Market - Divisadero and Geary - Duboce and Guerrero - Ellis and Polk - Evans and Mendell - Frederick and Stanyan - Front and Pine
<b>Project Supervisorial District(s):</b>	1, 2, 3, 5, 6, 8, 10
<b>Project Description:</b>	Signal upgrade projects replace all signal hardware at a given intersection, above and below ground, with new equipment. This includes the controller and its foundation, vehicle and pedestrian signals, poles, conduit, wiring, detection and sometimes signal interconnect (communication infrastructure between traffic signals). The signal upgrade may also include the addition of mast arm mounted signals for improved visibility and usually the installation of pedestrian signals if they are not already present at the intersection. Signal operations may also be changed to improve safety and efficiency.
<b>Purpose and Need:</b>	To maintain a safe and interconnected traffic signal network.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones Phase	Status % Complete	Work In-house - Contracted - Both	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2015/2016	3	2016/2017
R/W Activities/Acquisition						
Advertise Construction			3	2016/2017	4	2016/2017
Start Construction (i.e. Award Contract)			1	2017/2018		
End Construction (i.e. Open for Use)					2	2018/2019
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

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**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2015/16

Project Information	
<b>Project Name:</b>	Franklin/Divisadero Corridor Signal Upgrade
<b>Project Location:</b>	31 intersections on Franklin and Divisadero Streets: - Franklin at Bay, Broadway, Bush, California, Chestnut, Clay, Eddy, Ellis, Fell, Filbert, Fulton, Golden Gate, Green, Greenwich, Grove, Hayes, Jackson, McAllister, Oak, O'Farrell, Pacific, Pine, Post, Sacramento, Sutter, Turk, Vallejo and Washington Streets. - Divisadero at Post, Sutter, and Sacramento Streets.
<b>Project Supervisorial District(s):</b>	2, 5
<b>Project Description:</b>	This project will implement full signal upgrades at a total of 31 intersections on the Franklin Street and Divisadero Street corridors, including new PCSs at 22 intersections, as well as larger, more visible vehicular signal indications and overhead mast-arms at 9 intersections with existing PCSs.
<b>Purpose and Need:</b>	Signals and signal infrastructure along portions of the Franklin/Divisadero are outdated, incompatible with new signal technology, and cost unnecessary resources to maintain. Upgraded signals improve safety for all modes and support transit priority in transit corridors. The project complements the Van Ness Bus Rapid Transit (BRT) project.
<b>Community Engagement/Support:</b>	As part of the Van Ness BRT project, outreach was conducted along the corridors, and there was community support for the proposed improvements to help offset any increase in traffic in these corridors that may result from the BRT project.
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>

Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones  Phase	Status  % Complete	Work  In-house - Contracted - Both	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			4	2013/14	1	2015/16
R/W Activities/Acquisition						
Advertise Construction			1	2015/16		
Start Construction (i.e. Award Contract)			2	2015/16		
End Construction (i.e. Open for Use)					3	2016/17
Start Procurement (e.g. rolling stock)						
Project Close-out					1	2017/18

**Comments/Concerns**



**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**



Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2014/15

Project Information	
<b>Project Name:</b>	Eddy and Ellis Traffic Calming Improvement [NTIP]
<b>Project Location:</b>	Eddy and Ellis Streets between Leavenworth and Cyril Magnin Streets
<b>Project Supervisorial District(s):</b>	6
<b>Project Description:</b>	<p>SFMTA will implement the following improvements:</p> <ol style="list-style-type: none"> <li>Upgrade the traffic signals at the intersections of Ellis and Taylor Streets and Eddy and Taylor Streets, including the addition of Pedestrian Countdown Signals (PCS).</li> <li>Installation of signal hardware modifications at three intersections to convert both Ellis and Eddy Streets to two-way streets from Jones Street to Mason Street, and Leavenworth Street to Mason Street, respectively: <ul style="list-style-type: none"> <li>Ellis and Mason Streets</li> <li>Eddy and Leavenworth Streets</li> <li>Eddy and Jones Streets</li> </ul> </li> <li>Install corner bulbouts at Eddy and Leavenworth Streets and Ellis and Taylor Streets</li> </ol> <p>The feasibility of the bulbs is contingent on the constructability of the curb return area relative to presence of subsidewalk basements at the proposed corners. In the event that bulbs are not feasible, SFMTA will work with the stakeholders and Department of Public Works to develop alternative designs or substitute bulbs at other corners within the project area.</p>
<b>Purpose and Need:</b>	This project will provide safety upgrades to the corridor in an area of the city with a high number of collisions.
<b>Community Engagement/Support:</b>	Traffic calming improvements on Eddy and Ellis Streets were originally identified through a community based planning process for the Tenderloin-Little Saigon Neighborhood Transportation Plan (NTP), which was adopted by the SFCTA Board in 2007.
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>

Environmental Clearance						
<b>Type:</b>						
<b>Status:</b>						
<b>Completion Date (Actual or Anticipated):</b>						
Project Delivery Milestones	Status	Work	Start Date		End Date	
Phase	% Complete	In-house - Contracted - Both	Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2013/2014	2	2014/2015
R/W Activities/Acquisition						
Advertise Construction			3	2014/2015		
Start Construction (i.e. Award Contract)			1	2015/2016		
End Construction (i.e. Open for Use)					1	2016/2017
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

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**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2014/15
Project Information	
<b>Project Name:</b>	19th Avenue Signals Phase 3
<b>Project Location:</b>	Park Presidio/Lake, Crossover/Park Presidio, Crossover/MLK, 19th/Moraga, 19th/Wawona, 19th/Sloat, 19th/Winston, 19th/Crespi, 19th/Roomoor
<b>Project Supervisorial District(s):</b>	1, 4, 7
<b>Project Description:</b>	This project will upgrade Phase III of the Hwy 1 signal upgrade project. There are 9 remaining intersections that were not upgraded as part of the two previous series of projects, including: Park Presidio/Lake, Crossover/Park Presidio, Crossover/MLK, 19th/Moraga, 19th/Wawona, 19th/Sloat, 19th/Winston, 19th/Crespi, and 19th/Roomoor. SFMTA will split the project costs with Caltrans on a 50/50 basis per the Maintenance Agreement. Caltrans would like to start design in July 2015; Caltrans will include its 50% cost share in the 2016 State Highway Operation and Protection Program (SHOPP).
<b>Purpose and Need:</b>	Signals and signal infrastructure along portions of 19th Street are outdated, incompatible with new signal technology, and cost the SFMTA unnecessary resources to maintain.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2014/15	3	2016/17
R/W Activities/Acquisition						
Advertise Construction			3	2016/17	4	2016/17
Start Construction (i.e. Award Contract)			1	2016/17		
End Construction (i.e. Open for Use)					4	2017/18
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

Caltrans and the City would like to install signals at four locations (19th/Moraga, Wawona, Sloat, and Winston) as part of the City's bulb-out project. In order to include a portion of the Signals Phase 3 work with the bulb-out project, funds need to be available in advance of Caltrans' street paving project, which is programmed in the 2014 SHOPP for FY 17/18, with advertisement in Q4, FY 17/18. Caltrans would construct any underground conduit work for the remainder of the Signal Phase 3 work with the paving project, though it may not have funding to complete the above-ground work until a later date. The schedule above reflects the City's portion of the work, which will be advanced to meet the bulb-out project schedule.





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**



Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2014/15
Project Information	
<b>Project Name:</b>	Replace Video Detection on 3rd Street
<b>Project Location:</b>	3rd Street between Mission Rock and Sunnydale
<b>Project Supervisorial District(s):</b>	6, 10
<b>Project Description:</b>	This project will systematically replace the video detection that was installed at 67 intersections along the 3rd Street light rail corridor. This project will upgrade an outdated method of detecting vehicles that costs the SFMTA unnecessary resources to maintain compared to new wireless Sensys technology. This project has no design phase. Installation will be done in four phases.
<b>Purpose and Need:</b>	At the time video detection was the preferred means of detecting vehicles. Since that time however, we have found that video is not as reliable as wireless (Sensys) detection and have had problems maintaining the video cameras. It is not uncommon for the cameras to gather dirt and debris causing false detections to the controllers, which negatively affects the T-line and general traffic.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)						
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)			2	2015/2016		
End Construction (i.e. Open for Use)					2	2019/2020
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
Category:	C. Street & Traffic Safety
Subcategory:	iii. System Maintenance and Renovations (streets)
Prop K EP Project/Program:	a. Signals and Signs
EP Line (Primary):	33
Other EP Line Number/s:	
Fiscal Year of Allocation:	2015/16
Project Information	
Project Name:	Traffic Signal Visibility Upgrades
Project Location:	Alemany Blvd, outer Mission St, 25th Ave., Brotherhood Way, Sunset Blvd (limits TBD)
Project Supervisorial District(s):	TBD
Project Description:	This project will enable the Signal Shop to upgrade selected corridors from 8-inch signal heads to 12-inch heads. 12-inch signal heads are now the standard according to the Manual on Uniform Traffic Control Devices (MUTCD). This project will prioritize multi-lane, 30 MPH or higher arterials where visibility could be improved using existing signal poles. Corridors to be funded with Prop K for FY 2015/16 include Alemany Blvd, Outer Mission Street, 25th Avenue, Brotherhood Way, Sunset Blvd. This project is for construction only and has no need for the design phase. About 12 signals will be upgraded annually.
Purpose and Need:	Larger signal heads will improve visibility and safety on high-speed multi-lane arterials, thus reducing the risk of collisions.
Community Engagement/Support:	
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Manito Velasco
Phone Number:	415-701-4447
Email:	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
Type:	
Status:	
Completion Date (Actual or Anticipated):	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Phase	% Complete	In-house - Contracted - Both	Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)						
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)						
End Construction (i.e. Open for Use)						
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**  
 Detailed schedule to be provided at the time of allocation request.





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
Category:	C. Street & Traffic Safety
Subcategory:	iii. System Maintenance and Renovations (streets)
Prop K EP Project/Program:	a. Signals and Signs
EP Line (Primary):	33
Other EP Line Number/s:	
Fiscal Year of Allocation:	2014/15
Project Information	
Project Name:	South Van Ness Conduit Installation
Project Location:	South Van Ness between 14th and 17th Streets
Project Supervisorial District(s):	9
Project Description:	Project will add signal conduits as part of the South Van Ness paving project between 14th and 17th Streets. The paving project will also install curb ramps so that the future signal upgrade avoids having to excavate the street and disturbing the curb ramps. This project will install conduits and pullboxes, and a future Highway Safety Improvement Program (HSIP) signal upgrade will follow with the above-ground hardware, including Pedestrian Countdown Signals (PCSS).
Purpose and Need:	Coordination with paving projects presents an opportunity to install needed conduits and curb ramps with efficient use of resources.
Community Engagement/Support:	
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Manito Velasco
Phone Number:	415-701-4447
Email:	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
Type:	
Status:	
Completion Date (Actual or Anticipated):	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			1	2014/15	2	2014/15
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)			3	2014/15		
End Construction (i.e. Open for Use)					1	2015/16
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**  
 Construction for the HSIP/Prop K-funded signal upgrade project (see separate Project Information Form) will start in FY 2016/17.





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
Category:	C. Street & Traffic Safety
Subcategory:	iii. System Maintenance and Renovations (streets)
Prop K EP Project/Program:	a. Signals and Signs
EP Line (Primary):	33
Other EP Line Number/s:	
Fiscal Year of Allocation:	2014/15

Project Information	
Project Name:	South Van Ness Signal Upgrade
Project Location:	South Van Ness Avenue from 14th to 26th Streets
Project Supervisorial District(s):	9

**Project Description:**

This project will design replacement of all traffic signal hardware at 12 intersections on South Van Ness Avenue, above and below ground, with new equipment. Project includes new controller, foundation, vehicle and pedestrian countdown signals (PCSs), poles, conduits, wiring, detection, signal interconnect and mast-arm signals as needed. Signal operations would also be evaluated for improved safety and visibility. Currently there are 11 intersections that are missing pedestrian signals or do not have them at all, which include 14th, 15th, 16th, 17th, 18th, 19th, 20th, 22nd, 23rd, 25th and 26th. 24th and South Van Ness Avenue has PCS, but the signal infrastructure is very old and will also be upgraded as part of this project. 21st/South Van Ness will be upgraded by PCS 1 under construction in 2014.

Coordination issues: DPW plans to pave South Van Ness north of 17th Street in 2016, which means conduits for the traffic signal upgrade at 14th, 15th, 16th and 17th Streets must be installed before or as part of that paving project. DPW paved South Van Ness south of 17th Street in Feb 2012 which means the 5 year paving moratorium will be in effect until Feb 2017. Depending on the construction start date, the project will need a waiver from DPW to override the moratorium.

Highway Safety Improvement Program (HSIP): SFMTA was recently awarded an HSIP Grant to upgrade 7 intersections - 14th, 15th, 16th, 17th, 18th, 19th, and 20th. See the funding plan for the amount by phase.

<b>Purpose and Need:</b>	Improve safety for all modes.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>

Environmental Clearance	
Type:	
Status:	
Completion Date (Actual or Anticipated):	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2014/2015	3	2015/2016
R/W Activities/Acquisition						
Advertise Construction			3	2015/2016	4	2015/2016
Start Construction (i.e. Award Contract)			1	2016/2017		
End Construction (i.e. Open for Use)					4	2017/2018
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**







**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
Category:	C. Street & Traffic Safety
Subcategory:	iii. System Maintenance and Renovations (streets)
Prop K EP Project/Program:	a. Signals and Signs
EP Line (Primary):	33
Other EP Line Number/s:	
Fiscal Year of Allocation:	2014/15
Project Information	
Project Name:	Polk Corridor Signal Upgrade
Project Location:	Polk Street from Union to Post
Project Supervisorial District(s):	3
Project Description:	This project will design and construct replacement of all traffic signal hardware at 9 intersections on Polk Street, above and below ground, with new equipment. Project includes new controller, foundation, vehicle and pedestrian countdown signals (PCSs), poles, conduits, wiring, detection, signal interconnect and mast-arm signals as needed. Signal operations would also be evaluated for improved safety and visibility. Currently there are 9 intersections that are missing pedestrian signals or do not have them at all, which include Union, Broadway, Pacific, Jackson, Washington, Clay, Sacramento, California, and Post. There are 5 other intersections (Sutter, Geary, Eddy, Ellis and Turk) that already have PCS but need to be upgraded along with the other 9. Prop K funds are being used to supplement an Highway Safety Improvement Program (HSIP) grant. High percentage of Prop K is necessary to complete the project given the available HSIP funds.
Purpose and Need:	Signals and signal infrastructure along portions of the Polk Corridor are outdated, incompatible with new signal technology, and cost unnecessary resources to maintain. Project will improve safety for all users and will complement the Van Ness Bus Rapid Transit project.
Community Engagement/Support:	
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Manito Velasco
Phone Number:	415-701-4447
Email:	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
Type:	Categorically Exempt
Status:	underway
Completion Date (Actual or Anticipated):	10/30/14

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)			4	2013/2014	2	2014/2015
Design Engineering (PS&E)			1	2014/2015	1	2015/2016
R/W Activities/Acquisition			2	2015/2016	3	2015/2016
Advertise Construction						
Start Construction (i.e. Award Contract)		Contracted	3	2015/2016		
End Construction (i.e. Open for Use)					3	2016/2017
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2015/16
Project Information	
<b>Project Name:</b>	Gough Corridor Signal Upgrade
<b>Project Location:</b>	Gough Street corridor at Broadway, California, Eddy, Fulton, Geary, Golden Gate, Grove, Jackson, McAllister, Pacific, Page, Post, Turk, and Washington Streets
<b>Project Supervisorial District(s):</b>	2, 5
<b>Project Description:</b>	Project will design and construct full signal upgrades at 14 locations along the Gough Street corridor, including mast-arms and new poles: Broadway, California, Eddy, Fulton, Geary, Golden Gate, Grove, Jackson, McAllister, Pacific, Page, Post, Turk, and Washington Streets. Conduits are to be installed at 11 of the locations as part of the Gough St pavement project in 2014 so that no on-street excavation is required in this project. All locations will have Pedestrian Countdown Signals (PCSS) added except at Golden Gate, Turk, and McAllister.
<b>Purpose and Need:</b>	Signals and signal infrastructure along portions of Gough Street are outdated, incompatible with new signal technology, and cost unnecessary resources to maintain. Project will improve safety for all modes and will complement the Van Ness Bus Rapid Transit project.
<b>Community Engagement/Support:</b>	
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Manito Velasco
<b>Phone Number:</b>	415-701-4447
<b>Email:</b>	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)			3	2014/15	3	2015/16
R/W Activities/Acquisition						
Advertise Construction			4	2015/16	1	2016/17
Start Construction (i.e. Award Contract)			1	2016/17		
End Construction (i.e. Open for Use)					2	2017/18
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

Gough Street Resurfacing (which includes conduit elements) is scheduled to begin construction in November 2013 and finish it in November 2014.





**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
Category:	C. Street & Traffic Safety
Subcategory:	iii. System Maintenance and Renovations (streets)
Prop K EP Project/Program:	a. Signals and Signs
EP Line (Primary):	33
Other EP Line Number/s:	
Fiscal Year of Allocation:	2017/18
Project Information	
Project Name:	Great Highway Traffic Signal Upgrade
Project Location:	Great Highway between Lincoln and Vicente
Project Supervisorial District(s):	4
Project Description:	This project will upgrade 8 signals along the Great Highway between Lincoln and Vicente. These signals are very prone to corrosion and failure due to the wind, water and sun exposure. This project will replace all signal infrastructure including pedestrian countdown signals (PCSs), signal heads, mast-arms, conduits, poles, controllers, and Accessible Pedestrian Signals (APS) pushbuttons. There is no need for the design phase for this replacement project.
Purpose and Need:	Signals and signal infrastructure along portions of the Great Highway are outdated and prone to corrosion and failure due to wind, water and sun exposure. Project will improve safety for all modes.
Community Engagement/Support:	
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Manito Velasco
Phone Number:	415-701-4447
Email:	<a href="mailto:manito.velasco@sfmta.com">manito.velasco@sfmta.com</a>
Environmental Clearance	
Type:	
Status:	
Completion Date (Actual or Anticipated):	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)		In-house - Contracted - Both				
Environmental Studies (PA&ED)						
Design Engineering (PS&E)						
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)			4	2016/2017		
End Construction (i.e. Open for Use)					3	2018/2019
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

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**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2015/16
Project Information	
<b>Project Name:</b>	Van Ness BRT SFgo Signal Improvements
<b>Project Location:</b>	Van Ness Avenue between Mission and Lombard Street
<b>Project Supervisorial District(s):</b>	2, 3, 5, 6
<b>Project Description:</b>	Design and construction of traffic signal infrastructure along Van Ness Avenue Bus Rapid Transit (BRT) route between Mission and Lombard Street, including traffic signals, transit signal priority equipment, mast arms, pedestrian countdown signals, audible pedestrian signals, traffic cameras, and a fiber optic communications network connecting all field equipment with SFMTA's Transportation Management Center.
<b>Purpose and Need:</b>	Van Ness Avenue is a key north-south spine, linking important east-west transit routes as well as regional services. Buses traveling on or across Van Ness cannot operate as quickly or as reliably as necessary to provide rapid travel and effective connections. The introduction of Van Ness BRT will require SFgo signal improvements to enhance BRT service. Van Ness Avenue also has significant pedestrian safety concerns due to long crossing distances, and is a WalkFirst corridor.
<b>Community Engagement/Support:</b>	As part of the Van Ness BRT project, outreach was conducted along the corridors and there was community support for the proposed improvements to help offset any increase in traffic in these corridors that may result from the BRT project.
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	Cheryl Liu
<b>Phone Number:</b>	(415) 701-4696
<b>Email:</b>	<a href="mailto:cheryl.liu@sfmta.com">cheryl.liu@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	EIR
<b>Status:</b>	Complete
<b>Completion Date (Actual or Anticipated):</b>	09/01/13

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)	100%		4	2012/13	4	2013/14
Environmental Studies (PA&ED)	100%		4	2012/13	1	2013/14
Design Engineering (PS&E)	0%		4	2013/14	1	2015/16
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)		Contracted	3	2015/16		
End Construction (i.e. Open for Use)					4	2017/18
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**







**San Francisco County Transportation Authority  
Proposition K Sales Tax Program Project Information Form**

Prop K Expenditure Plan Information	
<b>Category:</b>	C. Street & Traffic Safety
<b>Subcategory:</b>	iii. System Maintenance and Renovations (streets)
<b>Prop K EP Project/Program:</b>	a. Signals and Signs
<b>EP Line (Primary):</b>	33
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2015/16
Project Information	
<b>Project Name:</b>	Neighborhood Transportation Improvement Program Placeholder
<b>Project Location:</b>	TBD
<b>Project Supervisorial District(s):</b>	TBD
<b>Project Description:</b>	The NTIP program came out of the San Francisco Transportation Plan's needs assessment that identified significant unmet demand for pedestrian and bicycle circulation projects and transit reliability initiatives. (See Purpose and Need below.) The NTIP has two components: a planning component to fund community-based planning efforts in each Supervisorial district; and a capital component to provide local matching funds for two neighborhood-scale projects in each district in the next five years. Examples of project types include pedestrian signals, bulbouts, and other measures to improve pedestrian and bicyclist safety. Capital placeholders like this project are included in various 5YPPs.
<b>Purpose and Need:</b>	The San Francisco Transportation Plan's needs assessment identified significant unmet demand for pedestrian and bicycle circulation projects and transit reliability initiatives, and concluded that meeting these transportation needs is an important way to improve mobility in neighborhoods and to address socioeconomic and geographic disparities in San Francisco. As a result of this finding and in response to public and Board input, the Transportation Authority developed the NTIP.
<b>Community Engagement/Support:</b>	NTIP projects are intended to fund projects that have been identified through community-based transportation planning efforts.
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	TBD
<b>Phone Number:</b>	
<b>Email:</b>	
Environmental Clearance	
<b>Type:</b>	
<b>Status:</b>	
<b>Completion Date (Actual or Anticipated):</b>	

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Phase	% Complete	In-house - Contracted - Both	Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)						
R/W Activities/Acquisition						
Advertise Construction						
Start Construction (i.e. Award Contract)						
End Construction (i.e. Open for Use)						
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

This is a placeholder. Schedule will be determined when projects are identified.



## 2009 Prop K 5YPP - Program of Projects Signals and Signs (EP 33)

### Programming and Allocations To-date

Last Update: September 22, 2009

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2009/10	2010/11	2011/12	2012/13	2013/14	
<b>Pavement Markings</b>									
MTA	Raised Pavement Markers	PROC, CON	Programmed			\$50,000			\$50,000
<b>Sign Upgrades</b>									
MTA	Traffic Sign Graffiti and Upgrade Program 2009	PROC, CON	Allocated	\$250,000					\$250,000
MTA	Traffic Sign Graffiti Program	CON	Programmed		\$320,000				\$320,000
MTA	Traffic Sign Graffiti Program	CON	Programmed			\$320,000			\$320,000
MTA	Traffic Sign Graffiti Program	CON	Programmed				\$320,000		\$320,000
MTA	Traffic Sign Graffiti Program	CON	Programmed					\$320,000	\$320,000
<b>Traffic Signal Upgrades</b>									
MTA	Golden Gate Signal Upgrade (Divisadero to Franklin)	PS&E	Programmed			\$375,000			\$375,000
MTA	Golden Gate Signal Upgrade (Divisadero to Franklin)	CON	Programmed					\$1,800,000	\$1,800,000
MTA	Highway 1 Signal Upgrades (Lake St. to Junipero Serra) Phase 3	PS&E, CON	Programmed					\$2,750,000	\$2,750,000
MTA	Joint Opportunity Fund (Conduits for future signals)	TBD	Programmed	\$50,000					\$50,000
MTA	Joint Opportunity Fund (Conduits for future signals)	TBD	Programmed		\$50,000				\$50,000
MTA	Joint Opportunity Fund (Conduits for future signals)	TBD	Programmed			\$50,000			\$50,000
MTA	Joint Opportunity Fund (Conduits for future signals)	TBD	Programmed				\$50,000		\$50,000
MTA	Joint Opportunity Fund (Conduits for future signals)	TBD	Programmed					\$50,000	\$50,000
MTA	Signal Modification Contract 33	PS&E	Programmed	\$450,000					\$450,000
MTA	Signal Modification Contract 33	CON	Programmed			\$2,000,000			\$2,000,000
MTA	Traffic Signal Controller Hardware Upgrades	CON	Programmed			\$475,000			\$475,000

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2009/10	2010/11	2011/12	2012/13	2013/14	
	<b>Total Programmed in 5YPP</b>			\$750,000	\$370,000	\$3,270,000	\$370,000	\$4,920,000	\$9,680,000
			<b>Total Allocated</b>	\$250,000	\$0	\$0	\$0	\$0	\$250,000
			<b>Total Unallocated</b>	\$500,000	\$370,000	\$3,270,000	\$370,000	\$4,920,000	\$9,430,000
	<b>Total Programmed in 2009 Strategic Plan</b>			\$750,000	\$370,000	\$3,270,000	\$370,000	\$4,920,000	\$9,680,000
	<b>Cumulative Remaining Programming Capacity</b>			\$0	\$0	\$0	\$0	\$0	\$0

\* The 2009 Strategic Plan was adopted on July 28, 2009 through Res. 10-07.

**2009 Prop K 5YPP - Program of Projects  
Signals and Signs (EP 33)  
Programming and Allocations To-date**

Last Update: May 20, 2014

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2009/10	2010/11	2011/12	2012/13	2013/14	
<b>Pavement Markings</b>									
SFMTA	Raised Pavement Markers <sup>15</sup>	PROC, CON	Programmed			\$22,450			\$22,450
SFMTA	Eddy and Ellis Traffic Calming Improvement <sup>15</sup>	ENV	Allocated					\$27,550	\$27,550
<b>Sign Upgrades</b>									
SFMTA	Traffic Sign Graffiti and Upgrade Program	PROC, CON	Allocated	\$250,000					\$250,000
SFMTA	Traffic Sign Graffiti Program	CON	Allocated		\$320,000				\$320,000
SFMTA	15 MPH Zone Near Schools <sup>2</sup>	PLAN, PS&E, CON	Allocated			\$321,700			\$321,700
SFMTA	15 MPH Zone Near Schools <sup>2</sup>	PLAN, PS&E, CON	Deobligated			(\$8,982)			(\$8,982)
SFMTA	Traffic Sign Graffiti Program <sup>7</sup>	CON	Programmed			\$0			\$0
SFMTA	Traffic Sign Graffiti Program <sup>7,16</sup>	CON	Programmed				\$28,000		\$28,000
SFMTA	Traffic Sign Graffiti Program	CON	Programmed					\$320,000	\$320,000
<b>Traffic Signal Upgrades</b>									
SFMTA	Golden Gate Signal Upgrade (Divisadero to Franklin)	PS&E	Programmed						\$0
SFMTA	Golden Gate Signal Upgrade (Divisadero to Franklin)	CON	Programmed					\$1,800,000	\$1,800,000
SFMTA	Highway 1 Signal Upgrades (Lake St. to Junipero Serra) Phase 3	PS&E, CON	Programmed					\$2,750,000	\$2,750,000
SFMTA	Light Rail Corridor Signal and Pavement Marking Improvements <sup>1</sup>	PS&E, CON, PROC	Allocated		\$98,755				\$98,755
SFMTA	Bayshore Blvd and Paul Ave - Traffic Signal Upgrade <sup>6</sup>	CON	Allocated				\$58,340		\$58,340

**Signals and Signs (EP 33)  
Programming and Allocations To-date**

Last Update: May 20, 2014

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2009/10	2010/11	2011/12	2012/13	2013/14	
SFMTA	Joint Opportunity Fund (Conduits for future signals) <sup>1</sup>	TBD	Programmed	\$0					\$0
SFMTA	Joint Opportunity Fund (Conduits for future signals) <sup>1,6</sup>	TBD	Programmed		\$0				\$0
SFMTA	Joint Opportunity Fund (Conduits for future signals) <sup>6</sup>	TBD	Programmed			\$0			\$0
SFMTA	Joint Opportunity Fund (Conduits for future signals) <sup>6,8</sup>	TBD	Programmed				\$0		\$0
SFMTA	Franklin Street Signal Upgrades - Conduit <sup>8,9</sup>	PS&E	Allocated				\$42,905		\$42,905
SFMTA	Franklin Street Signal Upgrades - Conduit <sup>10</sup>	PS&E	Deobligated				(\$42,905)		(\$42,905)
SFMTA	Gough Street Signal Upgrades - Conduit <sup>10</sup>	PS&E	Allocated				\$42,905		\$42,905
SFMTA	Gough Street Signal Upgrades - Conduit <sup>10</sup>	PS&E	Deobligated				(\$23,301)		(\$23,301)
SFMTA	Joint Opportunity Fund (Conduits for future signals) <sup>16</sup>	TBD	Programmed					\$0	\$0
SFMTA	Franklin and Divisadero Signal Upgrades <sup>16</sup>	PS&E	Allocated					\$158,000	\$158,000
SFMTA	Signal Modification Contract 33 <sup>11</sup>	PS&E	Programmed	\$0					\$0
SFMTA	Signal Modification Contract 33	PS&E	Allocated		\$317,000				\$317,000
SFMTA	Signal Modification Contract 33	PS&E	Allocated		(\$24,350)				(\$24,350)
SFMTA	Signal Modification Contract 33 <sup>4, 11, 14</sup>	CON	Programmed			\$0			\$0
SFMTA	Contract 33 Signal Modifications <sup>4, 11</sup>	CON	Allocated				\$2,048,000		\$2,048,000
SFMTA	Traffic Signal Controller Hardware Upgrades <sup>12, 13, 14</sup>	CON	Programmed			\$225			\$225
SFMTA	2013 5YPP Development <sup>12</sup>	Plan	Allocated				\$12,000		\$12,000
SFMTA	Mission-Geneva Transit and Pedestrian Improvements <sup>3</sup>	CON	Allocated			\$60,470			\$60,470
SFMTA	Mission-Geneva Transit and Pedestrian Improvements <sup>3</sup>	CON	Deobligated			(\$8,472)			(\$8,472)

**Signals and Signs (EP 33)  
Programming and Allocations To-date**

Last Update: May 20, 2014

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2009/10	2010/11	2011/12	2012/13	2013/14	
SFMTA	Van Ness BRT Sfigo signal improvements <sup>4</sup>	PS&E	Programmed					\$2,275,000	\$2,275,000
SFMTA	19th Avenue Accessible Pedestrian Signals <sup>4</sup>	PS&E, CON, PROC	Allocated			\$300,000			\$300,000
SFMTA	Sunset Boulevard Pedestrian Countdown Signals <sup>4,7</sup>	PS&E, CON	Allocated			\$633,000			\$633,000
SFMTA	Masonic Avenue Signal Upgrade <sup>4,5,14</sup>	PS&E, CON	Allocated					\$259,000	\$259,000
SFMTA	Masonic Avenue Traffic Signal Upgrade <sup>5</sup>	PS&E	Allocated			\$44,000			\$44,000
SFMTA	Franklin Street Signal Upgrades - Conduit <sup>9</sup>	PS&E	Allocated				\$715,447		\$715,447
SFMTA	New Pedestrian Signals <sup>13</sup>	CON	Allocated				\$432,139		\$432,139
<b>Total Programmed in 5YPP</b>				\$250,000	\$711,405	\$1,364,392	\$3,313,530	\$7,589,550	\$13,228,877
<b>Total Allocated and Pending in 5YPP</b>				\$250,000	\$711,405	\$1,359,170	\$3,351,736	\$444,550	\$6,116,861
<b>Total Deobligated in 5YPP</b>				\$0	\$0	(\$17,453)	(\$66,206)	\$0	(\$83,659)
<b>Total Unallocated in 5YPP</b>				\$0	\$0	\$22,675	\$28,000	\$7,145,000	\$7,195,675
<b>Total Programmed in Amended 2009 Strategic Plan *</b>				\$750,000	\$370,000	\$3,270,000	\$370,000	\$4,920,000	\$9,680,000
<b>Deobligated from Prior 5YPP Cycles **</b>				\$3,628,358					\$3,628,358
<b>Cumulative Remaining Programming Capacity</b>				\$4,128,358	\$3,786,953	\$5,692,561	\$2,749,031	\$79,481	\$79,481

\* The 2009 Strategic Plan was adopted on July 28, 2009 through Res. 10-07.

\*\* "Deobligated from prior 5YPP cycles" includes deobligations from allocations approved prior to the current 5YPP period, excluding deobligations incorporated in the first 2009 Strategic Plan amendment, as of December 31, 2012.

Programmed
Pending Allocation/ Appropriation
Board Approved Allocation/ Appropriation

**Signals and Signs (EP 33)  
Programming and Allocations To-date**

Last Update: May 20, 2014

Agency	Project Name	Phase	Status	Fiscal Year				Total
				2009/10	2010/11	2011/12	2012/13	

**FOOTNOTES:**

- <sup>1</sup> \$50,000 in FY 2009/10 Joint Opportunity funds and \$48,755 in FY 2010/11 Joint Opportunity funds were redirected to FY 2010/11 for the Light Rail Corridor Signal and Pavement Marking Improvements project.
- <sup>2</sup> 5YPP amendment to add the 15 MPH Zones Near Schools project and reprogram \$321,700 Fiscal Year 2007/08 Prop K funds deobligated from Park Presidio 19th Ave Signal Upgrades, Phase II (Res. 08-60, Project 133.907013) (Res. 11-63, 06.28.11). The deobligation is included in the "Deobligated from prior 5YPP cycles."
- <sup>3</sup> 5YPP amendment to add the Mission-Geneva Transit and Pedestrian Improvements project and reprogram \$60,470 Fiscal Year 2007/08 Prop K funds deobligated from Park Presidio 19th Ave Signal Upgrades, Phase II (Res. 08-60, Project 133.907013) (Res. 11-63, 06.28.11). The deobligation is included in the "Deobligated from prior 5YPP cycles."
- <sup>4</sup> 5YPP amendment (Res. 12-08, 07.19.11) to reprogram \$3,273,534 in cost savings deobligated from Park Presidio/19th Ave Signal Upgrades, Phase II (Res. 08-60, Project 133.907013) to the following projects, in addition to the two aforementioned projects approved by the Authority Board in June 2011:  
  - \$2,275,000 in Fiscal Year 2013/14 for the design phase of Van Ness BRT SFgo signal improvements.
  - \$300,000 in Fiscal Year 2011/12 for 19th Avenue Accessible Pedestrian Signals.
  - \$129,000 in Fiscal Year 2011/12 for the Sunset Boulevard Pedestrian Improvement project.
  - \$187,364 in Fiscal Year 2011/12 for the Masonic Avenue Signal Upgrades project. An additional \$52,636 was shifted from the construction phase of Contract 33 for a total programmed amount of \$240,000.
- <sup>5</sup> This allocation of \$44,000 for Masonic Avenue Traffic Signal Upgrades utilized \$44,000 of the \$240,000 programmed to "Masonic Avenue Signal Upgrades" in FY 2011/12 (Resolution 12-52, 03.27.12).
- <sup>6</sup> This allocation of \$58,340 for the Bayshore Blvd and Paul Ave - Traffic Signal Upgrade project utilized Joint Opportunity Funds programmed in FY 2010/11 (\$1,245), FY 2011/12 (\$50,000) and FY 2012/13 (\$7,095) (Resolution 13-08, 07.24.12).
- <sup>7</sup> 5YPP Amendment to add \$504,000 to the Sunset Boulevard Pedestrian Countdown Signals (Resolution 13-03, 07.24.12)  
  - Fiscal Year 2011/12 Traffic Sign Graffiti: Reduced from \$320,000 to \$0.
  - Fiscal Year 2012/13 Traffic Sign Graffiti: Reduced from \$320,000 to \$136,000.
- <sup>8</sup> FY 2012/13 Joint Opportunity funds decreased from \$42,905 to \$0, and \$42,905 was redirected to the Franklin Street Signal Upgrades - Conduit project.
- <sup>9</sup> 5YPP Amendment to add the Franklin Street Signal Upgrades - Conduit project. (Resolution 13-30, 01.29.13)  
  - Cumulative remaining programming capacity: Reduced by \$715,447 in Fiscal Year 2012/13.
  - Franklin Street Signal Upgrades - Conduit: Added project with \$715,447 in Fiscal Year 2012/13 funds for construction.
- <sup>10</sup> 5YPP Amendment to add the Gough Street Signal Upgrades - Conduit project (Resolution 13-36, 02.26.13):  
  - Franklin Street Signal Upgrades - Conduit (PS&E): Reprogram \$42,905 in de-obligated funds to Gough Street Signal Upgrades.
  - Gough Street Signal Upgrades: Added project with \$42,905 in Fiscal Year 2012/13 funds for design.
- <sup>11</sup> This allocation of \$2,048,000 for Contract 33 Signal Modifications utilized funds programmed for Signal Modification Contract 33 in FY 2009/10 (\$133,000) and FY 2011/12 (\$1,915,000) (Resolution 13-36, 02.26.13).
- <sup>12</sup> 5YPP amendment to add 2013 5YPP Development (Resolution 13-49, 04.23.2013).  
  - Traffic Signal Controller Hardware Upgrades: Reduced programming by \$12,000 in Fiscal Year 2011/12.
  - 2013 5YPP Development: Added project with \$12,000 in Fiscal Year 2012/13 planning funds.



## Signals and Signs (EP 33) Programming and Allocations To-date

Last Update: May 20, 2014

Agency	Project Name	Phase	Status	Fiscal Year				Total
				2009/10	2010/11	2011/12	2012/13	

- <sup>13</sup> 5YPP amendment to add the New Pedestrian Signals project (Resolution 13-55, 05/21/2013):  
 Traffic Signal Controller Hardware Upgrade project: Reduce programming by \$432,139 in Fiscal Year 2011/12 to \$30,861.  
 New Pedestrian Signals: Added project with \$432,139 in Fiscal Year 2012/13 funds for construction.
- <sup>14</sup> 5YPP amendment to reprogram a total of \$63,000 to Masonic Avenue Signal Upgrade in Fiscal Year 2013/14 (Resolution 14-57, 2/25/2014):  
 Signal Modification Contract 33: Reduce in Fiscal Year 2011/12 from \$32,364 to \$0 (project is fully funded).  
 Traffic Signal Controller Hardware Upgrades: Reduce from \$30,861 to \$225 in Fiscal Year 2011/12.  
 Masonic Signal Upgrade: Add \$63,000 in Fiscal year 2013/14 for construction.
- <sup>15</sup> 5YPP amendment to add Eddy and Ellis Traffic Calming Improvement (Resolution 14-57, 2/25/2014):  
 Raised Pavement Markers: Reduced programming from \$50,000 to \$22,450 in Fiscal Year 2011/12.  
 Eddy and Ellis Traffic Calming Improvement: Added project with \$27,550 in Fiscal Year 2013/14 funds for the environmental phase.
- <sup>16</sup> 5YPP amendment to add Franklin and Divisadero Signal Upgrades (Resolution 14-79, 05/20/2014):  
 Joint Opportunity Fund (Conduits for future signals): Reduced programming from \$50,000 to \$0 in Fiscal Year 2013/14.  
 Traffic Sign Graffiti Program: Reduced programming by \$108,000 from \$136,000 to \$28,000 in Fiscal Year 2012/13.  
 Franklin and Divisadero Street Full Signal Upgrade: Added project with \$158,000 in Fiscal Year 2013/14 funds for the design phase.

## Prioritized List of Traffic Signal Modifications/Upgrades

	LOCATION	DISTRICT	DESCRIPTION
0	CITYWIDE	citywide	Add PCS where missing
1	1ST ST and MARKET	3, 6	Add right turn arrow
2	6TH ST and MARKET/GOLDEN GATE	6	Need to add separate signal for eastbound Golden Gate to northbound Taylor
3	7TH AVE and LINCOLN	5	Add bike phase
4	9TH AVE and IRVING	5	Install 4-Section head for split phasing
5	9TH AVE and JUDAH	5, 7	Install 4-Section head for split phasing
6	9TH ST and HARRISON	6	Add mast arm, right turn phase; open north crosswalk
7	14TH AVE and PORTOLA/SAN ANSELMO/SANTA ANA	7	Add mast arm signal for 14th Ave traffic; add PCS
8	14TH ST and SOUTH VAN NESS	9	Add ped signals, upgrade
9	16TH ST and SOUTH VAN NESS	9	Full upgrade
10	16TH ST and FOLSOM	9	Split poles, add mastarms
11	17TH AVE and GEARY	1	Add mast arm
12	17TH ST and CASTRO/MARKET	8	Conduit/wiring replacement
13	20TH AVE and LINCOLN	1, 4	Add EB mast arm signal
14	23RD ST and DOLORES	8	Median Push Button
15	ALEMANY and SICKLES	11	Ped Signals/remove islands
16	ANZA and STANYAN	1	New conduit, also needs PCS
17	ARGENT and MARKET	8	Add ped signals; actuate side street
18	ARGUELLO and CLEMENT / EUCLID	1, 2	Improve signal visibility (move poles, 12" heads)
19	CALIFORNIA and LAGUNA	2, 5	Improve signal visibility (split poles, 12" heads)
20	CARGO and MENDEL	10	Actuate signal
21	CHESTNUT and VAN NESS	2	Add mast arms and ped signals
22	CLAY and MONTGOMERY	3	Signal Visibility, add eastbound mast arm
23	CLAYTON and MARKET	8	Actuate NBLT from Market onto Clayton
24	CORBETT and MARKET	8	Add lagging left turn arrow
25	DIVISADERO and GEARY	5	Add ped signals, WB mast arm
26	DUBOCE and GUERRERO	8	Actuate SBLT
27	ELLIS and POLK	6	Add mast arms
28	EVANS and MENDEL	10	Add ped signals, actuate
29	FREDERICK and STANYAN	5	Add left turn phase for EB Frederick; 12" heads and ped signals
30	FRONT and PINE	3	Add lagging left turn arrow, currently missing
31	GEARY and BAKER	2	Add ped signals, one crossing
32	GEARY and POWELL	3	Add lagging right arrow for SB Powell
33	HAYES and STANYAN	5	Add lagging left turn arrow
34	HIGUERA and LAKE MERCED	7	Add street lighting for crosswalk
35	HOLLOWAY and J. SERRA	7, 11	New conduits to split phases 1/5 and phases 2/6
36	HOWARD and MAIN	6	Add head for left turn arrow, split without signals
37	LAGUNA HONDA and PORTOLA	7	Relocate controller
38	LEAVENWORTH and POST	3, 6	Add ped signals; raise signals; 12" heads
39	LOWELL/NAGLEE and MISSION	11	3-phase/ped signals
40	MARKET and NEW MONTGOMERY	3, 6	Right Turn Arrow
41	MASON and WASHINGTON	3	New signal to replace flashing red beacon, cable cars
42	PORTOLA and TWIN PEAKS	7, 8	Add mast arm and through st detection
43	STANYAN and TURK	1	New conduit, also needs PCS
44	STEINER and TURK	5	Signal Visibility; PCS