



RESOLUTION AMENDING THE PROP K STRATEGIC PLAN AND THE GUIDEWAYS –  
MUNI 5-YEAR PRIORITIZATION PROGRAM

WHEREAS, The Prop K Expenditure Plan requires development of a Strategic Plan to guide the financial implementation of the program, and development of a 5-Year Prioritization Program (5YPP) for each of the 21 programmatic categories as a prerequisite for allocation of funds, and

WHEREAS, In 2014, the Transportation Authority Board approved the Guideways–Muni 5YPP for Fiscal Years (FYs) 2014/15 to 2018/19, which included about \$12 million in Prop K funds programmed for two projects and \$17 million programmed to several placeholders for yet-to-be-identified projects; and

WHEREAS, At the request of the San Francisco Municipal Transportation Agency (SFMTA), the Guideways–Muni 5YPP has been amended subsequently several times as projects were ready to advance, with the current amended version of the 5YPP shown in Attachment 1; and

WHEREAS, The SFMTA has requested a comprehensive amendment to the Guideways–Muni 5YPP to accommodate five guideways projects that are ready to advance during FYs 2014/15 to 2018/19, as summarized in Attachment 2 and detailed in Attachment 3, which contains Project Information forms with scope, schedule, funding and cash flow information for the proposed additional projects; and

WHEREAS, The SFMTA also requests that the Guideways–Muni 5YPP be amended to reprogram \$6.1 million in FY 2018/19 funds from the New Backup Vehicle Control Center project, which will not advance by that time, to placeholders for projects to be specified at a later date; and

WHEREAS, To make sufficient Prop K funds available for the program of projects in the



re-prioritized Guideways–Muni 5YPP, the SFMTA has requested a Prop K Strategic Plan amendment to advance \$5,898,500 in Guideways–Muni funds from FY 2033/34 to FY 2016/17; and

WHEREAS, The requested Strategic Plan amendment would result in a minor 1.84% increase in the amount of available Guideways–Muni funds projected to be spent on financing over the 30-year life of the Prop K Expenditure Plan, as shown in Attachment 4; and

WHEREAS, After reviewing the request, staff recommended amending the Prop K Strategic Plan as shown in Attachment 4 and the Guideways–Muni 5YPP as summarized in Attachment 2; and

WHEREAS, At its September 7, 2016 meeting, the Citizens Advisory Committee was briefed on the subject request and unanimously adopted a motion of support for the staff recommendation; and

WHEREAS, On September 20, 2016, the Plans and Programs Committee reviewed the subject request and unanimously recommended approval of the staff recommendation; now, therefore, be it

RESOLVED, That the Transportation Authority hereby amends the Prop K Strategic Plan to advance \$5,898,500 in Guideways–Muni funds from FY 2033/34 to FY 2016/17 as summarized in Attachment 4; and be it further

RESOLVED, That the Transportation Authority hereby amends the Guideways–Muni 5YPP to add five projects and to reprogram \$6.1 million in FY 2018/19 Guideways–Muni funds from the New Backup Vehicle Control Center project to other line items, as summarized in Attachment 2.



Attachments (4):

1. Prop K 5-Year Project List, Guideways – Muni as amended July 26, 2016
2. Prop K 5-Year Project List, Guideways – Muni as proposed (current request)
3. Project Information Forms
4. Summary of Proposed Prop K Strategic Plan Amendment



The foregoing Resolution was approved and adopted by the San Francisco County Transportation Authority at a regularly scheduled meeting thereof, this 27th day of September, 2016, by the following votes:

**Ayes:** Commissioners Avalos, Breed, Campos, Cohen, Farrell, Kim, Mar, Peskin, Tang, Wiener and Yee (11)

**Nays:** (0)

**Absent:** (0)

*Scott Wiener 10/3/16*

Scott Wiener  
Chair

Date

ATTEST:

*Tilly Chang 10/11/16*

Tilly Chang  
Executive Director

Date

**Attachment 1. Prop K 5-Year Project List**  
**Guideways - Muni**  
**Programming and Allocations to Date**  
Approved 7/26/2016

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2014/15	2015/16	2016/17	2017/18	2018/19	
SFMTA	Overhead System Rehab/Replacement	CON	Programmed			\$353,930			\$353,930
SFMTA	Overhead System Rehab/Replacement	CON	Programmed					\$1,481,100	\$1,481,100
SFMTA	Twin Peaks Tunnel Trackway Improvements <sup>2</sup>	PS&E/ CON	Allocated			\$4,149,113			\$4,149,113
SFMTA	Rail Grinding <sup>1</sup>	CON	Allocated			\$1,036,400			\$1,036,400
SFMTA	Twin Peaks Tunnel Trackway Improvements <sup>2</sup>	PS&E/ CON	Programmed				\$3,550,887		\$3,550,887
SFMTA	Muni Metro Rail Replacement Program <sup>2</sup>	PS&E/ CON	Programmed				\$176,493	\$6,524,019	\$6,700,512
SFMTA	New Backup Vehicle Control Center	PS&E	Programmed			\$704,000			\$704,000
SFMTA	New Backup Vehicle Control Center	CON	Programmed					\$5,387,537	\$5,387,537
SFMTA	Cable Car Infrastructure	PS&E/ CON	Programmed				\$504,000		\$504,000
SFMTA	Van Ness Improvement <sup>2,3</sup>	CON	Allocated			\$5,716,000			\$5,716,000
<b>Programmed in 5YPP</b>				\$0	\$0	\$11,959,443	\$4,231,380	\$13,392,656	\$29,583,479
<b>Total Allocated and Pending in 5YPP</b>				\$0	\$0	\$10,901,513	\$0	\$0	\$10,901,513
<b>Total Deobligated in 5YPP</b>				\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Unallocated in 5YPP</b>				\$0	\$0	\$1,057,930	\$4,231,380	\$13,392,656	\$18,681,966
<b>Total Programmed in 2014 Strategic Plan</b>				\$0	\$5,716,000	\$5,680,012	\$4,231,380	\$13,392,656	\$29,020,048
<b>Deobligated from Prior 5YPP Cycles **</b>				\$563,431					\$563,431
<b>Cumulative Remaining Programming Capacity</b>				\$563,431	\$6,279,431	\$0	\$0	\$0	(\$0)

Programmed
Pending Allocation/Appropriation
Board Approved Allocation/Appropriation

## Footnotes

<sup>1</sup> 5YPP Amendment to fund Rail Grinding (Res. 16-060, 06.28.2016):

Muni Metro Rail Replacement Program: Reduced by \$1,036,400 in Fiscal Year 2016/17.

Rail Grinding: Added project with \$1,036,400 in Fiscal Year 2016/17 funds for construction.

<sup>2</sup> 5YPP Amendment to fund Twin Peaks Tunnel Trackway Improvements (Res. 17-002, 07.26.2016):

Muni Metro Rail Replacement Program: Reduced placeholders by \$3,585,682 in Fiscal Year 2016/17 and \$3,550,887 in Fiscal Year 2017/18.

Cumulative remaining programming capacity from funds deobligated from prior cycles: Reduced by \$563,431.

Twin Peaks Tunnel Trackway Improvements: Added project with \$4,149,113 in FY 2016/17 and \$3,550,887 in FY 2017/18 for construction with 100% cash flow.

Van Ness Bus Rapid Transit Overhead Component: Reduced cash flow by \$3,081,388 in Fiscal Year 2016/17 and \$767,733 in Fiscal Year 2017/18 and increased cash flow by same amount in Fiscal Year 2018/19. Project will not complete construction until Fiscal Year 2018/19. Shift in cash flow to accommodate the Twin Peaks Tunnel Trackway Improvements.

<sup>3</sup> Van Ness Improvement (renamed from Van Ness BRT Overhead Component): \$5,716,000 programmed in FY 15/16 was allocated in FY 16/17 (pending Res. 17-002, 07.26.2016).

## Attachment 2. Prop K 5-Year Project List

### Guideways - Muni

#### Programming and Allocations to Date

Pending Board approval on 09.27.16

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2014/15	2015/16	2016/17	2017/18	2018/19	
SFMTA	Overhead System Rehab/Replacement	CON	Programmed			\$353,930			\$353,930
SFMTA	Overhead System Rehab/Replacement	CON	Planned				\$704,000		\$704,000
SFMTA	Overhead System Rehab/Replacement	CON	Programmed					\$1,481,100	\$1,481,100
SFMTA	Twin Peaks Tunnel Trackway Improvements <sup>2</sup>	PS&E/ CON	Allocated			\$4,149,113			\$4,149,113
SFMTA	Twin Peaks Tunnel Trackway Improvements <sup>2</sup>	PS&E/ CON	Programmed				\$3,550,887		\$3,550,887
SFMTA	Rail Grinding <sup>1</sup>	CON	Allocated			\$1,036,400			\$1,036,400
SFMTA	Muni Metro Rail Replacement Program <sup>2</sup>	PS&E/ CON	Planned				\$176,493		\$176,493
SFMTA	Muni Metro Rail Replacement Program	PS&E/ CON	Planned					\$11,011,556	\$11,011,556
<del>SFMTA</del>	<del>New Backup Vehicle Control Center</del>	<del>CON</del>	<del>Programmed</del>					<del>\$0</del>	<del>\$0</del>
SFMTA	Cable Car Infrastructure	PS&E/ CON	Planned				\$1,404,000		\$1,404,000
SFMTA	Van Ness Improvement <sup>2,3</sup>	CON	Allocated			\$5,716,000			\$5,716,000
SFMTA	33 Stanyan Overhead Phase II	CON	Pending			\$1,365,500			\$1,365,500
SFMTA	Cable Car Propulsion Gearboxes	CON	Planned			\$1,280,000			\$1,280,000
SFMTA	Subway Replacement Wiring - Van Ness	CON	Planned			\$930,000			\$930,000
SFMTA	19th Avenue M-Line Curved Track Replacement	CON	Planned			\$1,323,000			\$1,323,000
SFMTA	Muni Metro System Replacements and Upgrades	CON	Planned			\$1,000,000			\$1,000,000

**Attachment 2. Prop K 5-Year Project List**  
**Guideways - Muni**  
**Programming and Allocations to Date**

Pending Board approval on 09.27.16

Agency	Project Name	Phase	Status	Fiscal Year					Total
				2014/15	2015/16	2016/17	2017/18	2018/19	
<b>Programmed in 5YPP</b>				\$0	\$0	\$17,153,943	\$5,835,380	\$12,492,656	\$35,481,979
<b>Total Allocated and Pending in 5YPP</b>				\$0	\$0	\$12,267,013	\$0	\$0	\$12,267,013
<b>Total Deobligated in 5YPP</b>				\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Unallocated in 5YPP</b>				\$0	\$0	\$4,886,930	\$5,835,380	\$12,492,656	\$23,214,966
<b>Total Programmed in 2014 Strategic Plan</b>				\$0	\$5,716,000	\$10,874,512	\$5,835,380	\$12,492,656	\$34,918,548
<b>Deobligated from Prior 5YPP Cycles **</b>				\$563,431					\$563,431
<b>Cumulative Remaining Programming Capacity</b>				\$563,431	\$6,279,431	(\$0)	(\$0)	(\$0)	(\$0)

Programmed
Pending Allocation/Appropriation
Board Approved Allocation/Appropriation

**Footnotes**

<sup>1</sup> 5YPP Amendment to fund Rail Grinding (Res. 16-060, 06.28.2016):

Muni Metro Rail Replacement Program: Reduced by \$1,036,400 in Fiscal Year 2016/17.

Rail Grinding: Added project with \$1,036,400 in Fiscal Year 2016/17 funds for construction.

<sup>2</sup> 5YPP Amendment to fund Twin Peaks Tunnel Trackway Improvements (Res. 17-002, 07.26.2016):

Muni Metro Rail Replacement Program: Reduced placeholders by \$3,585,682 in Fiscal Year 2016/17 and \$3,550,887 in Fiscal Year 2017/18.

Cumulative remaining programming capacity from funds deobligated from prior cycles: Reduced by \$563,431.

Twin Peaks Tunnel Trackway Improvements: Added project with \$4,149,113 in FY 2016/17 and \$3,550,887 in FY 2017/18 for construction with 100% cash flow.

Van Ness Bus Rapid Transit Overhead Component: Reduced cash flow by \$3,081,388 in Fiscal Year 2016/17 and \$767,733 in Fiscal Year 2017/18 and increased cash flow by same amount in Fiscal Year 2018/19. Project will not complete construction until Fiscal Year 2018/19. Shift in cash flow to accommodate the Twin Peaks Tunnel Trackway Improvements.

<sup>3</sup> Van Ness Improvement (renamed from Van Ness BRT Overhead Component): \$5,716,000 programmed in FY 15/16 was allocated in FY 16/17 (Res. 17-002, 07.26.2016).



**Attachment 3  
Proposed Programming  
Guideways - Muni 5YPP  
Project Information Forms**



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



Prop K Expenditure Plan Information	
Category:	A. Transit
Subcategory:	iii. System Maintenance and Renovation (transit)
Prop K EP Project/Program:	c.1 Guideways
EP Line (Primary):	22
Other EP Line Number/s:	
Fiscal Year of Allocation:	2016/17
Project Information	
Project Name:	Overhead System Rehab/Replacement
Project Location:	TBD
Project Supervisorial District(s):	TBD
Project Description:	Phased replacement of the overhead wires and related poles and traction power systems serving the light rail and trolley coach lines. Complements any overhead catenary system (OCS) work related to Van Ness Bus Rapid Transit project (see separate Van Ness OCS project).
Purpose and Need:	The projects included in this program are designed to reduce operational problems, reduce maintenance and increase system reliability.
Community Engagement/Support:	N/A
Implementing Agency:	SFMTA - San Francisco Municipal Railway (MUNI)
Project Manager:	John Haley
Phone Number:	415-701-4588
Email:	<a href="mailto:John.Haley@sfmta.com">John.Haley@sfmta.com</a>
Environmental Clearance	
Type:	N/A
Status:	N/A
Completion Date (Actual or Anticipated):	N/A

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Year	Quarter	Year
Phase	% Complete	In-house - Contracted - Both	Quarter	Year	Quarter	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 for construction. Sufficient project detail and scoring of proposed project will be required when the allocation request is submitted.



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

<b>Project Name:</b>	Overhead System Rehab/Replacement
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Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ -	\$ -	\$ -
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ 1,160,000		\$ 1,160,000
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 12,913,150	\$ 2,539,030	\$ 10,374,120
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	<b>\$ 14,073,150</b>	<b>\$ 2,539,030</b>	<b>\$ 11,534,120</b>
	<b>Percent of Total</b>		<b>18%</b>	<b>82%</b>

Project Expenditures (Cash Flow) By Fiscal Year				Enter Cash Flow Here							
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	14/15	15/16	16/17	17/18	18/19	19/20	20/21	Total
Design	FTA 5337	Planned	16/17			\$ 230,400	\$872,000				\$ 1,102,400
Construction	FTA 5337	Planned	17/18			\$ 1,415,720		\$ 5,924,400			\$ 7,340,120
Design	AB 664	Planned	16/17			\$ 57,600					\$ 57,600
Construction	AB 664	Planned	17/18				\$ 218,000				\$ 218,000
Construction	Prop K	Planned	16/17			\$ 117,977	\$ 117,977	\$ 117,977			\$ 353,930
Construction	Prop K	Planned	17/18				\$ 50,000	\$ 100,000	\$ 250,000	\$ 304,000	\$ 704,000
Construction	Prop K	Planned	18/19					\$ 493,700	\$ 493,700	\$ 493,700	\$ 1,481,100
Construction	FTA Formula Funds	Planned	17/18				\$ 200,000	\$ 400,000	\$ 1,000,000	\$ 1,216,000	\$ 2,816,000
<b>Total By Fiscal Year</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,821,697</b>	<b>\$ 1,457,977</b>	<b>\$ 7,036,077</b>	<b>\$ 1,743,700</b>	<b>\$ 2,013,700</b>	<b>\$ 14,073,150</b>

**Comments/Concerns**

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



Prop K Expenditure Plan Information	
Category:	A. Transit
Subcategory:	iii. System Maintenance and Renovation (transit)
Prop K EP Project/Program:	c.1 Guideways
EP Line (Primary):	22
Other EP Line Number/s:	
Fiscal Year of Allocation:	2016/17
Project Information	
Project Name:	Muni Metro Rail Replacement Program
Project Location:	TBD
Project Supervisorial District(s):	TBD
Project Description:	Phased design and replacement of the trackway and related systems serving the light rail and streetcar lines as part of a regular replacement program and to mitigate excessive noise and/or vibration.
Purpose and Need:	The program seeks to enhance system reliability while reducing the need for excess maintenance. It also keeps the system in a state of good repair in line with agency strategic and operational goals.
Community Engagement/Support:	N/A
Implementing Agency:	SFMTA - San Francisco Municipal Railway (MUNI)
Project Manager:	John Haley
Phone Number:	415-701-4588
Email:	<a href="mailto:John.Haley@sfmta.com">John.Haley@sfmta.com</a>
Environmental Clearance	
Type:	N/A
Status:	N/A
Completion Date (Actual or Anticipated):	N/A

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Year	Quarter	Year
Phase	% Complete	In-house - Contracted - Both	Quarter	Year	Quarter	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 for design/construction in FY 16/17-18/19. Sufficient detail and a scoring of 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**



**Project Name:** Muni Metro Rail Replacement Program

Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ -	\$ -	\$ -
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ -	\$ -	\$ -
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 93,927,763	\$ 18,888,049	\$ 75,039,714
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	<b>\$ 93,927,763</b>	<b>\$ 18,888,049</b>	<b>\$ 75,039,714</b>
	<b>Percent of Total</b>		<b>20%</b>	<b>80%</b>

Project Expenditures (Cash Flow) By Fiscal Year				Enter Cash Flow Here							
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	14/15	15/16	16/17	17/18	18/19	19/20	20/21	Total
Design/Construction	FTA-5337	Planned	14/15	\$ 800,000	\$ 2,228,000	\$ 15,692,526	\$ 15,510,944	\$ 20,801,532			\$ 55,033,002
Design/Construction	AB 664	Planned	14/15	\$ 552,000	\$ 557,000	\$ 431,200	\$ 340,000	\$ 176,364			\$ 2,056,564
Design/Construction	Prop K	Allocated	16/17			\$ 4,149,113					\$ 4,149,113
Design/Construction	Prop K	Programmed	17/18				\$ 3,550,887				\$ 3,550,887
Design/Construction	Prop K	Planned	17/18				\$ 176,493				\$ 176,493
Design/Construction	Prop K	Planned	18/19					\$ 2,674,673	\$ 3,174,673	\$ 5,162,210	\$ 11,011,556
Design/Construction	FTA formula funds	Planned	18/19					\$ 2,000,000	\$ 4,000,000	\$ 11,950,148	\$ 17,950,148
<b>Total By Fiscal Year</b>				<b>\$ 1,352,000</b>	<b>\$ 2,785,000</b>	<b>\$ 20,272,839</b>	<b>\$ 19,578,324</b>	<b>\$ 25,652,569</b>	<b>\$ 7,174,673</b>	<b>\$ 17,112,358</b>	<b>\$ 93,927,763</b>

**Comments/Concerns**

Includes programming for Twin Peaks Tunnel Trackway Improvements

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



Prop K Expenditure Plan Information	
Category:	A. Transit
Subcategory:	iii. System Maintenance and Renovation (transit)
Prop K EP Project/Program:	c.1 Guideways
EP Line (Primary):	22
Other EP Line Number/s:	
Fiscal Year of Allocation:	2017/18
Project Information	
Project Name:	Cable Car Infrastructure
Project Location:	Various
Project Supervisorial District(s):	2, 3
Project Description:	Replace and upgrade cable car infrastructure. Projects in this line item may include switch, electrical and track upgrades.
Purpose and Need:	Benefits range from remote operability, quicker response to outages (currently takes up to 1 hour to restore power), reliability, and improved safety with modern equipment (existing is antiquated).
Community Engagement/Support:	N/A
Implementing Agency:	SFMTA - San Francisco Municipal Railway (MUNI)
Project Manager:	Kenny Ngan
Phone Number:	415-701-5489
Email:	<a href="mailto:kenny.ng@sfmta.com">kenny.ng@sfmta.com</a>
Environmental Clearance	
Type:	N/A
Status:	N/A
Completion Date (Actual or Anticipated):	N/A

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Year	Quarter	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)						
End Construction (i.e. Open for Use)						
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

This is a placeholder for design/construction in FY 17/18. Sufficient detail and a scoring of 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**



<b>Project Name:</b>	Cable Car Infrastructure
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Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ -	\$ -	\$ -
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ -	\$ -	\$ -
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 7,500,000	\$ 1,404,000	\$ 6,096,000
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	\$ 7,500,000	\$ 1,404,000	\$ 6,096,000
	<b>Percent of Total</b>		<b>19%</b>	<b>81%</b>

**Project Expenditures (Cash Flow) By Fiscal Year**

Enter Cash Flow Here

Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	Enter Cash Flow Here						Total	
				14/15	15/16	16/17	17/18	18/19	19/20		
Design/Construction	FTA-5337	Planned	16/17			\$ 384,000	\$ 2,016,000			\$ 2,400,000	
Design/Construction	AB664	Planned	16/17			\$ 96,000				\$ 96,000	
Design/Construction	Prop K	Planned	17/18				\$ 468,000	\$ 768,000	\$ 168,000	\$ 1,404,000	
Construction	FTA Formula Funds	Planned	17/18				\$ 1,200,000	\$ 2,400,000		\$ 3,600,000	
<b>Total By Fiscal Year</b>					\$ -	\$ -	\$ 480,000	\$ 3,684,000	\$ 3,168,000	\$ 168,000	\$ 7,500,000

**Comments/Concerns**

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



Prop K Expenditure Plan Information	
<b>Category:</b>	A. Transit
<b>Subcategory:</b>	iii. System Maintenance and Renovation (transit)
<b>Prop K EP Project/Program:</b>	c.1 Guideways
<b>EP Line (Primary):</b>	22
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2016/17

Project Information	
<b>Project Name:</b>	Cable Car Propulsion Gearboxes
<b>Project Location:</b>	California, Hyde, Mason, Powell cable car lines
<b>Project Supervisorial District(s):</b>	2, 3, 6
<b>Project Description:</b>	<p>Rehabilitate five cable car gearboxes for California, Hyde, Mason, Powell lines and one spare. The rehabilitation will consist of replacing wear and tear parts, inspecting and adjusting moving parts, and performing repairs as necessary, including: replacing bearings, gaskets, and seals; inspecting and replacing gears, housing, and shafts; and testing the gearboxes.</p> <p>The spare gearbox is stored at the Burke Storage Facility at 1580 Burke St, SF. The other four gearboxes that are in operation are located in the Cable Car Barn at 1201 Mason St, SF. Please see the included drawing for the location of the four units within the Cable Car Barn.</p>
<b>Purpose and Need:</b>	The project is designed to reduce operational problems, reduce maintenance, and increase system reliability with modern equipment.
<b>Community Engagement/Support:</b>	n/a
<b>Implementing Agency:</b>	SFMTA - Department of Parking and Traffic (DPT)
<b>Project Manager:</b>	Robert Mau
<b>Phone Number:</b>	701-4509
<b>Email:</b>	<a href="mailto:robert.mau@sfmta.com">robert.mau@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	Categorically Exempt
<b>Status:</b>	Pending
<b>Completion Date (Actual or Anticipated):</b>	09/30/16

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)	100%	In-house	3	2014	3	2016
Environmental Studies (PA&ED)						
Design Engineering (PS&E)	85%	In-house	3	2016	2	2017
R/W Activities/Acquisition						
Advertise Construction	0%		2	2017		
Start Construction (i.e. Award Contract)	0%	Contracted	3	2017		
End Construction (i.e. Open for Use)	0%	Contracted			3	2019
Start Procurement (e.g. rolling stock)						
Project Close-out					3	2020

**Comments/Concerns**

Currently planning to advertise contract in November 2016.





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

**Project Name:** Cable Car Propulsion Gearboxes

Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ 132,755	\$ -	\$ 132,775
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ 436,936	\$ -	\$ 436,936
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 6,400,000	\$ 1,280,000	\$ 5,120,000
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	<b>\$ 6,969,711</b>	<b>\$ 1,280,000</b>	<b>\$ 5,689,711</b>
	<b>Percent of Total</b>		<b>18%</b>	<b>82%</b>

**Project Expenditures (Cash Flow) By Fiscal Year**

Enter Cash Flow Here

Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	Enter Cash Flow Here						Total	
				Previous	14/15	15/16	16/17	17/18	18/19		
Construction	Prop K	Planned	16/17				\$ 300,000	\$ 630,000	\$ 350,000	\$ 1,280,000	
Construction	FTA formula funds	Planned	16/17				\$ 1,200,000			\$ 1,200,000	
Construction	FTA formula funds	Planned	17/18					\$ 2,520,000		\$ 2,520,000	
Construction	FTA formula funds	Planned	18/19						\$ 1,400,000	\$ 1,400,000	
<b>Total By Fiscal Year</b>					\$ -	\$ -	\$ -	\$ 1,500,000	\$ 3,150,000	\$ 1,750,000	\$ 6,400,000

**Comments/Concerns**

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



Prop K Expenditure Plan Information	
Category:	A. Transit
Subcategory:	iii. System Maintenance and Renovation (transit)
Prop K EP Project/Program:	c.1 Guideways
EP Line (Primary):	22
Other EP Line Number/s:	
Fiscal Year of Allocation:	2016/17
Project Information	
Project Name:	Subway Replacement Wiring - Van Ness
Project Location:	Van Ness Muni Metro Station
Project Supervisorial District(s):	5, 6
Project Description:	Replace wireway, conduits, and cables at Van Ness platform signal equipment room to west of the wayside. The project will also add conduits and cables for four axle counters, seven signal lamps, and termination panels. Current wiring in this area has been compromised by water infiltration and rodent damage. This project will ensure greater reliability of power and signaling systems in the Van Ness crossover and stub track, improving subway service consistency.
Purpose and Need:	The program seeks to enhance system reliability while reducing the need for excess maintenance. It also keeps the system in a state of good repair in line with agency strategic and operational goals.
Community Engagement/Support:	n/a
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Kenny Ngan
Phone Number:	701-5489
Email:	<a href="mailto:kenny.ngan@sfmta.com">kenny.ngan@sfmta.com</a>
Environmental Clearance	
Type:	Categorically exempt
Status:	Approved
Completion Date (Actual or Anticipated):	04/01/16

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)						
Environmental Studies (PA&ED)						
Design Engineering (PS&E)	90%	In-house	4	2015	2	2017
R/W Activities/Acquisition						
Advertise Construction	0%		2	2017	3	2017
Start Construction (i.e. Award Contract)	0%	Contracted	4	2017		
End Construction (i.e. Open for Use)	0%	Contracted			3	2018
Start Procurement (e.g. rolling stock)						
Project Close-out					3	2019

**Comments/Concerns**



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

<b>Project Name:</b>	Subway Replacement Wiring - Van Ness
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Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ -	\$ -	\$ -
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ 277,000	\$ -	\$ 277,000
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 4,650,000	\$ 930,000	\$ 3,720,000
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	\$ 4,927,000	\$ 930,000	\$ 3,997,000
	<b>Percent of Total</b>		<b>19%</b>	<b>81%</b>

Project Expenditures (Cash Flow) By Fiscal Year				Enter Cash Flow Here						
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	Previous	14/15	15/16	16/17	17/18	18/19	Total
Construction	Prop K	Planned	16/17				\$ 150,000	\$ 780,000		\$ 930,000
Construction	FTA formula	Planned	16/17				\$ 600,000			\$ 600,000
Construction	FTA formula	Planned	17/18					\$ 3,120,000		\$ 3,120,000
<b>Total By Fiscal Year</b>				\$ -	\$ -	\$ -	\$ 750,000	\$ 3,900,000	\$ -	\$ 4,650,000

**Comments/Concerns**

The construction cost estimates and detailed scope elements are still being finalized. Total construction cost could vary upon allocation request submittal.

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



Prop K Expenditure Plan Information	
Category:	A. Transit
Subcategory:	iii. System Maintenance and Renovation (transit)
Prop K EP Project/Program:	c.1 Guideways
EP Line (Primary):	22
Other EP Line Number/s:	
Fiscal Year of Allocation:	2016/17
Project Information	
Project Name:	19th Avenue M-Line Curved Track Replacement
Project Location:	19th Avenue at Rossmoor Drive and Junipero Serra Blvd.
Project Supervisorial District(s):	7
Project Description:	Replace curved tracks crossing 19th Avenue at Rossmoor Drive, including tangent track up to the north end of Stonestown Platform. This project will also replace two concrete Overhead Catenary System poles; construct accessibility upgrades at Rossmoor Drive; and implement additional safety, accessibility and transit improvements at 19th Avenue and Junipero Serra Boulevard. See attached for more project details.
Purpose and Need:	The program seeks to enhance system reliability while reducing the need for excess maintenance. It also keeps the system in a state of good repair in line with agency strategic and operational goals, as well as enhances safety and accessibility for those who use transit.
Community Engagement/Support:	n/a
Implementing Agency:	San Francisco Municipal Transportation Agency (SFMTA)
Project Manager:	Daniel Padilla
Phone Number:	701-5213
Email:	<a href="mailto:daniel.padilla@sfmta.com">daniel.padilla@sfmta.com</a>
Environmental Clearance	
Type:	Categorically exempt
Status:	Pending
Completion Date (Actual or Anticipated):	11/1/2016 (Signals CatEx approval completed. Track work CatEx expected in November 2016.)

Project Delivery Milestones	Status	Work	Start Date		End Date	
			Quarter	Fiscal Year	Quarter	Fiscal Year
Planning/Conceptual Engineering (30%)	100%	In-House	3	2015	2	2016
Environmental Studies (PA&ED)						
Design Engineering (PS&E)	65%	In-House	2	2016	2	2017
R/W Activities/Acquisition						
Advertise Construction	0%		3	2017	3	2017
Start Construction (i.e. Award Contract)	0%	Contracted	3	2017		
End Construction (i.e. Open for Use)	0%	Contracted			3	2018
Start Procurement (e.g. rolling stock)						
Project Close-out	0%				3	2019

**Comments/Concerns**

# 19th Avenue / Junipero Serra Improvements M Ocean View Track Replacment

Capital Programs & Construction



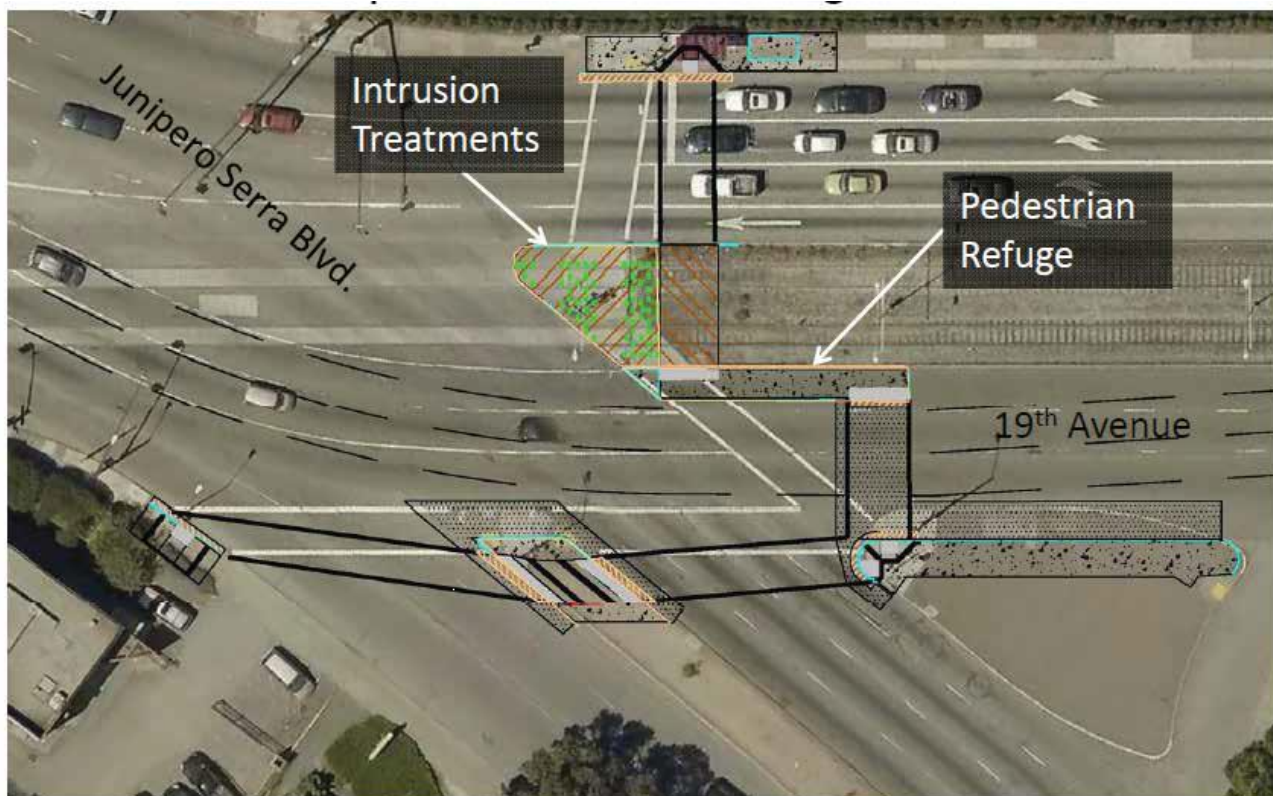
**SFMTA**  
Municipal  
Transportation  
Agency

SFMTA.COM

## 19th Avenue / Junipero Serra Improvements

The 19th Avenue/Junipero Serra Improvements Project is a much-needed upgrade to the current Muni and pedestrian conditions at a high-traffic intersection. A new pedestrian refuge will be built along the inbound M Ocean View tracks to provide people crossing the street a safe place to stand while traffic is moving. As a result of this modification, new curb ramps will be constructed, traffic signals will be relocated, and the northbound 19th Avenue lane lines will be restriped in the intersection.

Also included in the project are Intrusion treatments, to deter people from driving into the Muni private right-of-way on 19th Avenue at Junipero Serra Blvd. The intrusion treatments include speed bumps and a red painted area that will serve as a warning to drivers. This will minimize major transit delays and improve the reliability of the system. The Project will also provide Transit Signal Priority, which will improve on-time performance and prevent lengthy delays due to vehicle traffic.



# M Ocean View Track Replacement

The M Ocean View Track Replacement Project will improve safety, and Muni on-time performance, and keep the Muni system in a state of good repair. The track infrastructure will be replaced between the M-Ocean View's Stonestown platform stop and to just pass Rossmoor Drive, inside the M-line's private right-of-way.

New traffic signals will also be installed for the Rossmoor Drive approach onto 19th Avenue in order to provide a Transit Signal Priority System, to improve safety, and reliability, and further prevent drivers from blocking the trackway. Sensors will be installed for M Ocean View trains approaching and exiting the private right-of-way to improve travel time and reliability. When trains are approaching the sensors as part of the Transit Priority System, they will communicate with the traffic signal system accordingly to keep the train moving.

Intrusion treatments, to deter people from driving into specific areas (i.e. speed bumps, red painted areas) will also be implemented around the M line crossing at 19th Avenue, to alert people driving to keep the trackway clear.

Fencing along the median will be removed and replaced with a new curb and median. New ADA-accessible ramps will be installed at the crosswalk on Rossmoor at 19th Avenue to enable better access to the sidewalks.



Contact Public Relations Officer Kelley McCoy ([kelley.mccoy@sfmta.com](mailto:kelley.mccoy@sfmta.com) or 415.701.5428) for questions or to provide an update at your next neighborhood gathering. For more information about these projects, visit [www.sfmta.com](http://www.sfmta.com)

SFMTA.COM

San Francisco Municipal Transportation Agency  
1 South Van Ness Avenue, 3rd Floor  
415.701.5428  
Winter 2016



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

**Project Name:** 19th Avenue M-Line Curved Track Replacement

Project Cost Estimate	Cost	Funding Source	
		Prop K	Other
Planning/Conceptual Engineering	\$ 349,064	\$ -	\$ 349,064
Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
Design Engineering (PS&E)	\$ 1,000,936	\$ -	\$ 1,000,936
R/W	\$ -	\$ -	\$ -
Construction	\$ 6,615,000	\$ 1,323,000	\$ 5,292,000
Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
<b>Total Project Cost</b>	<b>\$ 7,965,000</b>	<b>\$ 1,323,000</b>	<b>\$ 6,642,000</b>
<b>Percent of Total</b>		<b>17%</b>	<b>83%</b>

Project Expenditures (Cash Flow) By Fiscal Year				Enter Cash Flow Here						
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	Previous	14/15	15/16	16/17	17/18	18/19	Total
Construction	Prop K	Planned	16/17				\$ 300,000	\$ 1,023,000		\$ 1,323,000
Construction	FTA formula funds	Planned	16/17				\$ 1,200,000			\$ 1,200,000
Construction	FTA formula funds	Planned	17/18					\$ 4,092,000		\$ 4,092,000
<b>Total By Fiscal Year</b>				<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,500,000</b>	<b>\$ 5,115,000</b>	<b>\$ -</b>	<b>\$ 6,615,000</b>

**Comments/Concerns**

Construction cost estimate developed at 65% design. This is likely to change at the time of allocation request, but should be no higher than what is included above.

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



Prop K Expenditure Plan Information	
<b>Category:</b>	A. Transit
<b>Subcategory:</b>	iii. System Maintenance and Renovation (transit)
<b>Prop K EP Project/Program:</b>	c.1 Guideways
<b>EP Line (Primary):</b>	22
<b>Other EP Line Number/s:</b>	
<b>Fiscal Year of Allocation:</b>	2016/17
Project Information	
<b>Project Name:</b>	Muni Metro System Replacements and Upgrades
<b>Project Location:</b>	Various
<b>Project Supervisorial District(s):</b>	Various
<b>Project Description:</b>	Phased replacement of the trackway and related systems (such as signals, track fasteners, circuit upgrades at substations, and other electrical and mechanical system improvements) serving the light rail and streetcar lines; replacement of the overhead wires and related poles and traction power systems serving the light rail and trolley coach lines; and modifications to the Automatic Train Control System software to integrate new crossovers that have been completed.
<b>Purpose and Need:</b>	The program seeks to enhance system reliability while reducing the need for excess maintenance. It also keeps the system in a state of good repair in line with agency strategic and operational goals.
<b>Community Engagement/Support:</b>	n/a
<b>Implementing Agency:</b>	San Francisco Municipal Transportation Agency (SFMTA)
<b>Project Manager:</b>	John Haley
<b>Phone Number:</b>	701-4588
<b>Email:</b>	<a href="mailto:john.haley@sfmta.com">john.haley@sfmta.com</a>
Environmental Clearance	
<b>Type:</b>	n/a
<b>Status:</b>	n/a
<b>Completion Date (Actual or Anticipated):</b>	n/a

Project Delivery Milestones	Status	Work	Start Date		End Date	
			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)	0%	Both				
End Construction (i.e. Open for Use)	0%	Both				
Start Procurement (e.g. rolling stock)						
Project Close-out						

**Comments/Concerns**

This is a placeholder for construction in FY17. Project details and scoring of proposed projects will be included when allocation request is submitted.





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

<b>Project Name:</b>	Muni Metro System Replacements and Upgrades
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Project Cost Estimate	Phase	Cost	Funding Source	
			Prop K	Other
	Planning/Conceptual Engineering	\$ -	\$ -	\$ -
	Environmental Studies (PA&ED)	\$ -	\$ -	\$ -
	Design Engineering (PS&E)	\$ -	\$ -	\$ -
	R/W	\$ -	\$ -	\$ -
	Construction	\$ 5,000,000	\$ 1,000,000	\$ 4,000,000
	Procurement (e.g. rolling stock)	\$ -	\$ -	\$ -
	<b>Total Project Cost</b>	\$ 5,000,000	\$ 1,000,000	\$ 4,000,000
	<b>Percent of Total</b>		<b>20%</b>	<b>80%</b>

Project Expenditures (Cash Flow) By Fiscal Year				Enter Cash Flow Here						
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	Previous	14/15	15/16	16/17	17/18	18/19	Total
Construction	Prop K	Planned	16/17				\$ 250,000	\$ 750,000		\$ 1,000,000
Construction	FTA formula funds	Planned	16/17				\$ 1,000,000			\$ 1,000,000
Construction	FTA formula funds	Planned	17/18					\$ 3,000,000		\$ 3,000,000
<b>Total By Fiscal Year</b>				\$ -	\$ -	\$ -	\$ 1,250,000	\$ 3,750,000	\$ -	\$ 5,000,000

**Comments/Concerns**

**Attachment 4. Proposed Amended Strategic Plan**

Pending September 2016 Board Action

EP No.	EP Line Item	Total Available Funds	Percent of Available Funds Spent on Financing	Total 30-year Programming & Finance Costs	FY2016/17	FY2017/18	FY2018/19	FY2019/20	FY2020/21	FY2021/22	FY2022/23	FY2023/24	
<b>Adopted 2014 Prop K Strategic Plan - Amendment 5 (Approved)</b>													
5	Downtown Extension to a Rebuilt Transbay Terminal	\$ 298,754,309	8.68%	Programming	\$ 223,176,073	\$ 1,343,948	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
				Finance Costs	\$ 25,943,429	\$ 704,341	\$ 2,657,479	\$ 1,935,427	\$ 1,598,262	\$ 3,192,915	\$ 2,760,727	\$ 2,471,822	\$ 1,986,154
				<b>Total</b>	<b>\$ 249,119,502</b>	<b>\$ 2,048,288</b>	<b>\$ 2,657,479</b>	<b>\$ 1,935,427</b>	<b>\$ 1,598,262</b>	<b>\$ 3,192,915</b>	<b>\$ 2,760,727</b>	<b>\$ 2,471,822</b>	<b>\$ 1,986,154</b>
6	Electrification	\$ 25,765,517	15.25%	Programming	\$ 20,260,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
				Finance Costs	\$ 3,929,285	\$ 83,354	\$ 319,983	\$ 239,837	\$ 205,122	\$ 427,140	\$ 388,659	\$ 370,936	\$ 324,054
				<b>Total</b>	<b>\$ 24,189,285</b>	<b>\$ 83,354</b>	<b>\$ 319,983</b>	<b>\$ 239,837</b>	<b>\$ 205,122</b>	<b>\$ 427,140</b>	<b>\$ 388,659</b>	<b>\$ 370,936</b>	<b>\$ 324,054</b>
17P	New and Renovated Vehicles - PCJPB	\$ 25,465,305	7.66%	Programming	\$ 19,024,458	\$ 1,139,558	\$ 1,173,745	\$ 1,208,957	\$ 1,295,226	\$ 1,332,583	\$ 1,371,060	\$ 1,410,692	\$ -
				Finance Costs	\$ 1,950,335	\$ 18,002	\$ 85,505	\$ 77,631	\$ 80,236	\$ 202,936	\$ 222,495	\$ 255,072	\$ 239,528
				<b>Total</b>	<b>\$ 20,974,793</b>	<b>\$ 1,157,560</b>	<b>\$ 1,259,250</b>	<b>\$ 1,286,588</b>	<b>\$ 1,375,462</b>	<b>\$ 1,535,519</b>	<b>\$ 1,593,555</b>	<b>\$ 1,665,764</b>	<b>\$ 239,528</b>
22M	Guideways - MUNI	\$ 308,337,545	3.94%	Programming	\$ 291,660,626	\$ 5,680,012	\$ 4,231,380	\$ 13,392,656	\$ 7,800,000	\$ 8,034,000	\$ 8,275,020	\$ 8,523,271	\$ 8,778,969
				Finance Costs	\$ 12,138,267	\$ 178,235	\$ 631,643	\$ 471,173	\$ 507,339	\$ 1,258,775	\$ 1,170,788	\$ 1,146,727	\$ 1,029,226
				<b>Total</b>	<b>\$ 303,798,893</b>	<b>\$ 5,858,247</b>	<b>\$ 4,863,023</b>	<b>\$ 13,863,829</b>	<b>\$ 8,307,339</b>	<b>\$ 9,292,775</b>	<b>\$ 9,445,808</b>	<b>\$ 9,669,998</b>	<b>\$ 9,808,195</b>
<b>TOTAL</b>				<b>Programming</b>	<b>\$ 554,121,157</b>	<b>\$ 8,163,518</b>	<b>\$ 5,405,125</b>	<b>\$ 14,601,613</b>	<b>\$ 9,095,226</b>	<b>\$ 9,366,583</b>	<b>\$ 9,646,080</b>	<b>\$ 9,933,963</b>	<b>\$ 8,778,969</b>
				<b>Finance Costs</b>	<b>\$ 43,961,315</b>	<b>\$ 983,932</b>	<b>\$ 3,694,611</b>	<b>\$ 2,724,067</b>	<b>\$ 2,390,959</b>	<b>\$ 5,081,766</b>	<b>\$ 4,542,669</b>	<b>\$ 4,244,558</b>	<b>\$ 3,578,962</b>
				<b>Total</b>	<b>\$ 598,082,473</b>	<b>\$ 9,147,449</b>	<b>\$ 9,099,736</b>	<b>\$ 17,325,680</b>	<b>\$ 11,486,185</b>	<b>\$ 14,448,349</b>	<b>\$ 14,188,749</b>	<b>\$ 14,178,520</b>	<b>\$ 12,357,931</b>
<b>Proposed 2014 Prop K Strategic Plan - Amendment 6 (Current request)</b>													
<del>5</del>	<del>Downtown Extension to a Rebuilt Transbay Terminal</del>	<del>\$ 298,751,839</del>	<del>9.35%</del>	Programming	<del>\$ 223,176,073</del>	<del>\$ 6,774,400</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	
				Finance Costs	<del>\$ 27,923,238</del>	<del>\$ 761,497</del>	<del>\$ 2,742,038</del>	<del>\$ 1,993,980</del>	<del>\$ 1,651,178</del>	<del>\$ 3,379,887</del>	<del>\$ 2,942,509</del>	<del>\$ 2,660,857</del>	<del>\$ 2,179,050</del>
				<b>Total</b>	<b><del>\$ 251,099,311</del></b>	<b><del>\$ 7,535,897</del></b>	<b><del>\$ 2,742,038</del></b>	<b><del>\$ 1,993,980</del></b>	<b><del>\$ 1,651,178</del></b>	<b><del>\$ 3,379,887</del></b>	<b><del>\$ 2,942,509</del></b>	<b><del>\$ 2,660,857</del></b>	<b><del>\$ 2,179,050</del></b>
<del>6</del>	<del>Electrification</del>	<del>\$ 25,765,304</del>	<del>17.45%</del>	Programming	<del>\$ 20,900,000</del>	<del>\$ 4,040,000</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	
				Finance Costs	<del>\$ 4,494,943</del>	<del>\$ 90,584</del>	<del>\$ 333,847</del>	<del>\$ 249,716</del>	<del>\$ 213,963</del>	<del>\$ 455,811</del>	<del>\$ 416,598</del>	<del>\$ 399,913</del>	<del>\$ 353,599</del>
				<b>Total</b>	<b><del>\$ 25,394,943</del></b>	<b><del>\$ 4,130,584</del></b>	<b><del>\$ 333,847</del></b>	<b><del>\$ 249,716</del></b>	<b><del>\$ 213,963</del></b>	<b><del>\$ 455,811</del></b>	<b><del>\$ 416,598</del></b>	<b><del>\$ 399,913</del></b>	<b><del>\$ 353,599</del></b>
<del>17P</del>	<del>New and Renovated Vehicles - PCJPB</del>	<del>\$ 25,465,094</del>	<del>8.63%</del>	Programming	<del>\$ 19,024,458</del>	<del>\$ 2,109,105</del>	<del>\$ 1,173,745</del>	<del>\$ 1,208,957</del>	<del>\$ 1,295,226</del>	<del>\$ 1,332,583</del>	<del>\$ 1,371,060</del>	<del>\$ 441,145</del>	<del>\$ -</del>
				Finance Costs	<del>\$ 2,198,194</del>	<del>\$ 22,031</del>	<del>\$ 111,293</del>	<del>\$ 97,669</del>	<del>\$ 98,329</del>	<del>\$ 247,733</del>	<del>\$ 266,544</del>	<del>\$ 289,961</del>	<del>\$ 247,128</del>
				<b>Total</b>	<b><del>\$ 21,222,652</del></b>	<b><del>\$ 2,131,136</del></b>	<b><del>\$ 1,285,038</del></b>	<b><del>\$ 1,306,626</del></b>	<b><del>\$ 1,393,555</del></b>	<b><del>\$ 1,580,316</del></b>	<b><del>\$ 1,637,604</del></b>	<b><del>\$ 731,106</del></b>	<b><del>\$ 247,128</del></b>
<del>22M</del>	<del>Guideways - MUNI</del>	<del>\$ 308,334,996</del>	<del>5.78%</del>	Programming	<del>\$ 291,660,626</del>	<del>\$ 10,874,512</del>	<del>\$ 5,835,380</del>	<del>\$ 12,492,656</del>	<del>\$ 7,800,000</del>	<del>\$ 8,034,000</del>	<del>\$ 8,275,020</del>	<del>\$ 8,523,271</del>	<del>\$ 8,778,969</del>
				Finance Costs	<del>\$ 17,808,188</del>	<del>\$ 195,772</del>	<del>\$ 767,633</del>	<del>\$ 566,736</del>	<del>\$ 584,634</del>	<del>\$ 1,527,372</del>	<del>\$ 1,434,892</del>	<del>\$ 1,422,583</del>	<del>\$ 1,301,864</del>
				<b>Total</b>	<b><del>\$ 309,468,814</del></b>	<b><del>\$ 11,070,284</del></b>	<b><del>\$ 6,603,013</del></b>	<b><del>\$ 13,059,392</del></b>	<b><del>\$ 8,384,634</del></b>	<b><del>\$ 9,561,372</del></b>	<b><del>\$ 9,709,912</del></b>	<b><del>\$ 10,080,833</del></b>	
<b>TOTAL</b>				<b>Programming</b>	<b><del>\$ 554,761,157</del></b>	<b><del>\$ 23,798,017</del></b>	<b><del>\$ 7,009,125</del></b>	<b><del>\$ 13,701,613</del></b>	<b><del>\$ 9,095,226</del></b>	<b><del>\$ 9,366,583</del></b>	<b><del>\$ 9,646,080</del></b>	<b><del>\$ 8,964,416</del></b>	<b><del>\$ 8,778,969</del></b>
				<b>Finance Costs</b>	<b><del>\$ 52,424,563</del></b>	<b><del>\$ 1,069,884</del></b>	<b><del>\$ 3,954,812</del></b>	<b><del>\$ 2,908,101</del></b>	<b><del>\$ 2,548,103</del></b>	<b><del>\$ 5,610,803</del></b>	<b><del>\$ 5,060,543</del></b>	<b><del>\$ 4,773,313</del></b>	<b><del>\$ 4,081,641</del></b>
				<b>Total</b>	<b><del>\$ 607,185,720</del></b>	<b><del>\$ 24,867,901</del></b>	<b><del>\$ 10,963,937</del></b>	<b><del>\$ 16,609,714</del></b>	<b><del>\$ 11,643,329</del></b>	<b><del>\$ 14,977,386</del></b>	<b><del>\$ 14,706,623</del></b>	<b><del>\$ 13,737,729</del></b>	<b><del>\$ 12,860,610</del></b>
<b>Change</b>													
<del>5</del>	<del>Downtown Extension to a Rebuilt Transbay Terminal</del>	<del>\$ (2,470)</del>	<del>0.66%</del>	Programming	<del>\$ (1)</del>	<del>\$ 5,430,453</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	
				Finance Costs	<del>\$ 1,979,809</del>	<del>\$ 57,156</del>	<del>\$ 84,559</del>	<del>\$ 58,553</del>	<del>\$ 52,916</del>	<del>\$ 186,972</del>	<del>\$ 181,781</del>	<del>\$ 189,035</del>	<del>\$ 192,896</del>
				<b>Total</b>	<b><del>\$ 1,979,809</del></b>	<b><del>\$ 5,487,608</del></b>	<b><del>\$ 84,559</del></b>	<b><del>\$ 58,553</del></b>	<b><del>\$ 52,916</del></b>	<b><del>\$ 186,972</del></b>	<b><del>\$ 181,781</del></b>	<b><del>\$ 189,035</del></b>	<b><del>\$ 192,896</del></b>
<del>6</del>	<del>Electrification</del>	<del>\$ (213)</del>	<del>2.20%</del>	Programming	<del>\$ 640,000</del>	<del>\$ 4,040,000</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	
				Finance Costs	<del>\$ 565,658</del>	<del>\$ 7,230</del>	<del>\$ 13,864</del>	<del>\$ 9,879</del>	<del>\$ 8,841</del>	<del>\$ 28,671</del>	<del>\$ 27,939</del>	<del>\$ 28,977</del>	<del>\$ 29,545</del>
				<b>Total</b>	<b><del>\$ 1,205,658</del></b>	<b><del>\$ 4,047,230</del></b>	<b><del>\$ 13,864</del></b>	<b><del>\$ 9,879</del></b>	<b><del>\$ 8,841</del></b>	<b><del>\$ 28,671</del></b>	<b><del>\$ 27,939</del></b>	<b><del>\$ 28,977</del></b>	<b><del>\$ 29,545</del></b>
<del>17P</del>	<del>New and Renovated Vehicles - PCJPB</del>	<del>\$ (211)</del>	<del>0.97%</del>	Programming	<del>\$ -</del>	<del>\$ 969,547</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ (969,547)</del>	<del>\$ -</del>
				Finance Costs	<del>\$ 247,859</del>	<del>\$ 4,029</del>	<del>\$ 25,788</del>	<del>\$ 20,039</del>	<del>\$ 18,093</del>	<del>\$ 44,797</del>	<del>\$ 44,049</del>	<del>\$ 34,888</del>	<del>\$ 7,600</del>
				<b>Total</b>	<b><del>\$ 247,859</del></b>	<b><del>\$ 973,576</del></b>	<b><del>\$ 25,788</del></b>	<b><del>\$ 20,039</del></b>	<b><del>\$ 18,093</del></b>	<b><del>\$ 44,797</del></b>	<b><del>\$ 44,049</del></b>	<b><del>\$ (934,659)</del></b>	<b><del>\$ 7,600</del></b>
<del>22M</del>	<del>Guideways - MUNI</del>	<del>\$ (2,549)</del>	<del>1.84%</del>	Programming	<del>\$ -</del>	<del>\$ 5,194,500</del>	<del>\$ 1,604,000</del>	<del>\$ (900,000)</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>
				Finance Costs	<del>\$ 5,669,921</del>	<del>\$ 17,537</del>	<del>\$ 135,990</del>	<del>\$ 95,563</del>	<del>\$ 77,295</del>	<del>\$ 268,598</del>	<del>\$ 264,104</del>	<del>\$ 275,856</del>	<del>\$ 272,638</del>
				<b>Total</b>	<b><del>\$ 5,669,921</del></b>	<b><del>\$ 5,212,037</del></b>	<b><del>\$ 1,739,990</del></b>	<b><del>\$ (804,437)</del></b>	<b><del>\$ 77,295</del></b>	<b><del>\$ 268,598</del></b>	<b><del>\$ 264,104</del></b>	<b><del>\$ 275,856</del></b>	<b><del>\$ 272,638</del></b>

Note: At its September 27, 2016 meeting the Transportation Authority Board deferred the Transbay Joint Powers Authority's Prop K allocation and Strategic Plan amendment requests for the Downtown Extension project.

**Proposed Amended Strategic Plan**  
Pending September 2016 Board Action

EP No.	EP Line Item	Total Available Funds	Percent of Available Funds Spent on Financing	FY2024/25	FY2025/26	FY2026/27	FY2027/28	FY2028/29	FY2029/30	FY2030/31	FY2031/32	FY2032/33	FY2033/34		
<b>Adopted 2014 Prop K Strategic Plan - Amendment 5 (Approved)</b>															
5	Downtown Extension to a Rebuilt Transbay Terminal	\$ 298,754,309	8.68%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,161,173		
				\$ 1,522,761	\$ 1,153,477	\$ 857,641	\$ 438,855	\$ -	\$ -	\$ -	\$ -				
				\$ 1,522,761	\$ 1,153,477	\$ 857,641	\$ 438,855	\$ -	\$ -	\$ -	\$ -				
6	Electrification	\$ 25,765,517	15.25%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 278,115	\$ 248,550	\$ 245,084	\$ 217,085	\$ 191,115	\$ 164,606	\$ 123,896	\$ 74,116				
				\$ 278,115	\$ 248,550	\$ 245,084	\$ 217,085	\$ 191,115	\$ 164,606	\$ 123,896	\$ 74,116				
17P	New and Renovated Vehicles - PCJPB	\$ 25,465,305	7.66%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 197,282	\$ 166,855	\$ 151,774	\$ 119,810	\$ 85,406	\$ 41,099	\$ -	\$ -				
				\$ 197,282	\$ 166,855	\$ 151,774	\$ 119,810	\$ 85,406	\$ 41,099	\$ -	\$ -				
22M	Guideways - MUNI	\$ 308,337,545	3.94%	\$ 9,042,338	\$ 9,313,608	\$ 9,593,016	\$ 9,880,807	\$ 10,177,231	\$ 10,482,548	\$ 10,797,024	\$ 11,120,935	\$ 11,454,563	\$ 11,798,200		
				\$ 914,167	\$ 849,303	\$ 866,464	\$ 820,660	\$ 765,258	\$ 669,086	\$ 505,061	\$ 297,903				
				\$ 9,956,505	\$ 10,162,911	\$ 10,459,480	\$ 10,701,467	\$ 10,942,489	\$ 11,151,634	\$ 11,302,085	\$ 11,418,838				
<b>TOTAL</b>				\$ 658,322,675	6.68%	\$ 2,912,326	\$ 2,418,185	\$ 2,120,963	\$ 1,596,410	\$ 1,041,779	\$ 874,792	\$ 628,957	\$ 372,019	\$ -	\$ -
				\$ 11,954,664	\$ 11,731,793	\$ 11,713,979	\$ 11,477,217	\$ 11,219,010	\$ 11,357,339	\$ 11,425,981	\$ 11,492,954	\$ 11,454,563	\$ 41,959,373		
<b>Proposed 2014 Prop K Strategic Plan - Amendment 6 (Current request)</b>															
<del>5</del>	<del>Downtown Extension to a Rebuilt Transbay Terminal</del>	<del>\$ 298,751,839</del>	<del>9.35%</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ 26,010,670</del>		
				<del>\$ 1,705,401</del>	<del>\$ 1,337,878</del>	<del>\$ 1,069,851</del>	<del>\$ 659,273</del>	<del>\$ 191,272</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>				
				<del>\$ 1,705,401</del>	<del>\$ 1,337,878</del>	<del>\$ 1,069,851</del>	<del>\$ 659,273</del>	<del>\$ 191,272</del>	<del>\$ -</del>	<del>\$ -</del>	<del>\$ -</del>				
6	Electrification	\$ 25,765,304	17.45%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 306,005	\$ 276,553	\$ 277,176	\$ 249,038	\$ 225,168	\$ 208,231	\$ 173,271	\$ 139,322				
				\$ 306,005	\$ 276,553	\$ 277,176	\$ 249,038	\$ 225,168	\$ 208,231	\$ 173,271	\$ 139,322				
17P	New and Renovated Vehicles - PCJPB	\$ 25,465,094	8.63%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 204,255	\$ 173,760	\$ 159,710	\$ 127,408	\$ 93,627	\$ 52,294	\$ -	\$ -				
				\$ 204,255	\$ 173,760	\$ 159,710	\$ 127,408	\$ 93,627	\$ 52,294	\$ -	\$ -				
22M	Guideways - MUNI	\$ 308,334,996	5.78%	\$ 9,042,338	\$ 9,313,608	\$ 9,593,016	\$ 9,880,807	\$ 10,177,231	\$ 10,482,548	\$ 10,797,024	\$ 11,120,935	\$ 11,454,563	\$ 5,899,700		
				\$ 1,174,599	\$ 1,112,788	\$ 1,168,644	\$ 1,130,747	\$ 1,099,067	\$ 1,078,433	\$ 977,296	\$ 929,295				
				\$ 10,216,937	\$ 10,426,396	\$ 10,761,660	\$ 11,011,554	\$ 11,276,298	\$ 11,560,981	\$ 11,774,320	\$ 12,050,230				
<b>TOTAL</b>				\$ 658,317,233	7.96%	\$ 3,390,260	\$ 2,900,980	\$ 2,675,382	\$ 2,166,466	\$ 1,609,135	\$ 1,338,958	\$ 1,150,566	\$ 1,068,617	\$ 1,340,356	\$ 49,473
				\$ 12,432,598	\$ 12,214,587	\$ 12,268,398	\$ 12,047,272	\$ 11,786,365	\$ 11,821,506	\$ 11,947,591	\$ 12,189,552	\$ 12,794,919	\$ 31,959,842		
<b>Change</b>															
<del>5</del>	<del>Downtown Extension to a Rebuilt Transbay Terminal</del>	<del>\$ (2,470)</del>	<del>0.66%</del>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (4,150,503)		
				\$ 182,640	\$ 184,401	\$ 212,210	\$ 220,418	\$ 191,272	\$ -	\$ -	\$ -				
				\$ 182,640	\$ 184,401	\$ 212,210	\$ 220,418	\$ 191,272	\$ -	\$ -	\$ -				
6	Electrification	\$ (213)	2.20%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 27,889	\$ 28,003	\$ 32,093	\$ 31,953	\$ 34,053	\$ 43,625	\$ 49,374	\$ 65,206				
				\$ 27,889	\$ 28,003	\$ 32,093	\$ 31,953	\$ 34,053	\$ 43,625	\$ 49,374	\$ 65,206				
17P	New and Renovated Vehicles - PCJPB	\$ (211)	0.97%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		
				\$ 6,973	\$ 6,905	\$ 7,936	\$ 7,597	\$ 8,222	\$ 11,195	\$ -	\$ -				
				\$ 6,973	\$ 6,905	\$ 7,936	\$ 7,597	\$ 8,222	\$ 11,195	\$ -	\$ -				
22M	Guideways - MUNI	\$ (2,549)	1.84%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (5,898,500)		
				\$ 260,432	\$ 263,485	\$ 302,180	\$ 310,087	\$ 333,809	\$ 409,346	\$ 472,235	\$ 631,392				
				\$ 260,432	\$ 263,485	\$ 302,180	\$ 310,087	\$ 333,809	\$ 409,346	\$ 472,235	\$ 631,392				

**Proposed Amended Strategic Plan**  
Pending September 2016 Board Action

**Prop K Total**

EP No.	EP Line Item	Total Available Funds	Percent of Available Funds Spent on Financing	Total 30-year Programming & Finance Costs	
<b>Adopted 2014 Prop K Strategic Plan - Amendment 5 (Approved)</b>					
	Prop K	\$ 2,922,185,976	8.37%	Programming	\$ 2,536,333,768
				Finance Costs	\$ 244,701,587
				Total	\$ 2,781,035,356
<b>Proposed 2014 Prop K Strategic Plan - Amendment 6 (Current request)</b>					
	Prop K	\$ 2,922,163,916	8.57%	Programming	\$ 2,536,973,768
				Finance Costs	\$ 250,339,081
				Total	\$ 2,787,312,849
<b>Change</b>					
	Prop K	\$ (22,060)	0.19%	Programming	\$ 640,000
				Finance Costs	\$ 5,637,494
				Total	\$ 6,277,493

Amendment 6 advances programming within the following expenditure line categories: 5, 6, 17P, 22M. Please see the Prop K Allocation and the EP 22M Strategic Plan Update memos for more details.