

DRAFT 2014 PROPOSITION K 5-YEAR PRIORITIZATION PROGRAM

CURB RAMPS

Approved: [DATE]

Prepared for the San Francisco County Transportation Authority

By Department of Public Works



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Eligibility

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

"Construction of new wheelchair curb ramps and related roadway work to permit ease of movement for the mobility impaired. Reconstruction of existing ramps. Includes project development and capital costs. Sponsoring Agency: DPW, MUNI. The first \$23.6M is Priority 1. The next \$2.4M is Priority 2 and the remainder is Priority 3. Total Funding: \$66M; Prop K: \$36M."

DPW stands for Department of Public Works and MUNI stand for San Francisco Municipal Railway. MUNI 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. DPW's curb ramp program is intended to make safety improvements at numerous locations citywide. The locations are primarily identified through public request and DPW inspection. Therefore, this category does not lend itself to using the scoring template, however DPW does maintain its own prioritization matrix for curb ramp locations based on the priorities of the Americans with Disabilities Act (ADA) (See Figure 1 below). DPW's methodology is the same as in prior 5YPPs.

Figure 1. Prioritization Matrix

		Α	ADA 35.151(d)(2	2) Geospatial Pr	oximity Priorities	
		A	В	С	D	Е
SFDPW Order 169,270 Curb Ramp Installation Priorities (Condition)		Locations of Resident Complaints / Requests (ADA Title II Program Access)	Locations Serving Government Offices & Facilities	Locations Serving Transportation	Locations Serving Places of Public Accommodation, Employers	Serving
1	Non- conforming Curb Ramp or Landing; Low condition score	A1	B1	C1	D1	E1
	No Curb Ramp Yet Constructed	A2	B2	C2	D2	E2
3	Single or Non- Directional Curb Ramp, Two Can Fit	A3	В3	C3	D3	Е3
4	Extremely Difficult Physical or Legal Constraints	A4	B4	C4	D4	E4
	Curb Ramp Does Not Meet Current Standards, lower condition score	A5	B5	C5	D5	E5

Curb ramps falling in category A1 will receive top priority followed by A2 and B1 then B2 and C1; then C2 and D1, D2 and E1, and E2. Prioritization would continue in the following order: A3, A4 and B3, B4 and C3, C4 and D3, D4 and E3, E4, A5, B5, C5, D5, and E5.

Currently, there is a backlog of citizen requests which fall under the A1 and A2 categories. Proposed curb ramp locations will be selected from these categories first. Among these requested

locations, DPW will give top priority to locations within districts with a greater need for curb ramps and with a high population of residents with disabilities. Each district's need for curb ramps is determined according to the citywide survey of curb ramps updated in 2007 and 2010, and the population of residents with disabilities is based on the U.S. Census data. Exceptions will require approval from the Mayor's Office on Disability (MOD) and the DPW ADA/Disability Access Coordinator (DAC). Other factors that are considered include proximity of locations to one another (for construction efficiency purposes), Muni locations as identified by the Federal Transit Administration, and others vital for access to Muni transit services. Proposed curb ramp locations are submitted to the MOD for review and approval, consistent with the ADA's Curb Ramp Transition Plan requirements.

As DPW receives new resident requests, they are added to DPW's database. For example, citizen inquiries about locations without curb ramps would be added to the A2 category.

Citizen Requests: Because citizen requests have one of the most significant impacts on prioritization of curb ramp locations, DPW is working closely with MOD to reach out to and educate citizens on the request process. In particular, DPW and MOD will conduct outreach activities in specific neighborhoods with a high population of people with disabilities and in areas where there are low numbers of usable curb ramps.

For example, in Fiscal Year 2013/14 DPW's curb ramp program is conducting outreach specifically in the southeast region of the city, including Visitacion Valley, Bayview Hunter's Point, and the Sunnydale and Potrero San Francisco Housing Authority projects. In addition to an information booth at Sunday Streets events, advertisements will be placed in 12 community newsletters and at Muni transit shelters.

A 5"x7" postcard containing trilingual information on how to participate and initiate curb ramp requests has recently been re-designed and mailed to paratransit customers, provided to city employees to distribute while in the field, and distributed at community meetings and disability community events. Information will be distributed to other city agencies including the SFMTA, Housing Authority, Department of Public Health (DPH), and SF Unified School District. DPW also provided supervisors information on requesting curb ramps. Some Supervisors have included it in their electronic newsletters, and a voter pamphlet advertisement was included in the 2012 election materials. DPW and MOD also provide information on their Web sites on how to request curb ramps.

Geographic Equity: 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. To ensure an equitable distribution of curb ramp construction throughout the City, DPW and MOD will annually assess the distribution of locations constructed over the past five years and the neighborhood/district need. If noted that neighborhoods or districts that are underrepresented for past construction and are also in need of curb ramps, DPW and MOD shall identify additional locations in those parts of the city to provide a more equitable distribution. The additional locations will be selected using the prioritization process matrix described above.

Access to Transit: In addition to citizen requests and geographic equity, DPW gives high priority to locations identified during Federal Transit Administration audits of Muni key stations, as well as other locations vital to transit access identified by SFMTA. For the first five years of the Prop K program, DPW prioritized up to 50% of funds for locations along key transit stops that were identified by the SFMTA. To-date all curb ramps on the Muni list have been completed and 79 ADA-compliant curb ramps were constructed at 19 locations. SFMTA will continue to

provide locations to DPW to incorporate into the plan. Using the aforementioned prioritization criteria and the funds allocated, DPW will coordinate with SFMTA to identify locations for design and construction of curb ramps.

Transportation Authority Note: DPW's annual Prop K requests for curb ramps would include the list of locations where DPW would be constructing curb ramps in the upcoming year. DPW will specify the categories (e.g. A1, A2) that each of location falls under, and provide an explanation if DPW has selected locations from categories other than A1 and A2, given that there is a backlog for these high-priority categories.

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 Curb Ramps category, the Prop K Expenditure Plan assumes that every \$1 of sales tax revenue spent would leverage about \$1 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 Leveraging¹

Category	Expected Leveraging (Non-Prop K Funds)	Proposed Leveraging (Non-Prop K Funds)
Curb Ramps	47%	14%

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

While the proposed leveraging for Curb Ramps Prop K funds is significantly below Expenditure Plan assumptions, when considering all fund sources that DPW anticipates using for curb ramps over the next five years, the picture looks much better. DPW is assuming a total of \$27 million in funds from the Mayor's Office on Disability. This would translate to leveraging of 87%.

Table 2. Project Delivery Snapshot Curb Ramps

Table 2a. Prop K Funds Allocated

	Programmed (Available for	Total Allocated as	
5-Year Prioritization Program (5YPP) Period	Allocation)	of 3/31/2014	% Allocated
2005 5YPP (FY 2004/05-2008/09)	\$3,506,400	\$3,329,431	%26
2009 5YPP: (FY 2009/10 -2013/14) *	\$4,132,191	\$3,988,100	0/6/
Total *		\$7,317,531	

^{*} Funds programmed in the 2009 5YPP may include programmed but unallocated funds from the 2005 5YPP, as well as deobligated 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)

•					
	Fiscal Year of			Total Allocated as	% Complete
Sponsor	Allocation	Project Name	Phase(s) Funded	of 3/31/2014	as of $3/31/2014$
DPW	2004/05	2005 5-Year Prioritization Program Development	Planning	209'9	100%
DPW	2004/05	Curb Ramps	Planning, Design, Construction	\$ 864,839	100%
DPW	2002/06	Curb Ramps	Planning, Design, Construction	\$ 616,987	100%
DPW	2006/07	Curb Ramps	Construction	\$ 643,917	100%
DPW	2007/08	Curb Ramps	Construction	\$ 671,526	100%
DPW	2008/09	Curb Ramps	Construction	\$ 525,555	100%
DPW	2009/10	Curb Ramps	Construction	\$ 731,000	100%
DPW	2010/11	Curb Ramps	Construction	\$ 763,000	100%
DPW	2011/12	Curb Ramps	Construction	\$ 796,000	100%

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

	Fiscal Year of			Total Allocated as	% Complete
Sponsor	Allocation	Project Name	Phase(s) Funded	of 3/31/2014	as of $3/31/2014$
DPW	2012/13	Curb Ramps	Construction	\$ 831,100	30%
DPW	2013/14	Curb Ramps	Construction	\$ 807,000	0%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 Curb Ramps (EP 41)

	PROP K PR	PROP K PROGRAM-WIDE CRITERIA	E CRITERIA	CATEGO	CATEGORY SPECIFIC CRITERIA	[A
	Project Readiness	Community Support	Community Time Sensitive Support Urgency			
Curb Ramps	Location	is are determined	by inspections and	requests from the F	Locations are determined by inspections and requests from the public. See text for more details.	ails.

Prioritization Criteria Definitions:

project phases are completed or expected to be completed before beginning the next phase; and whether litigation, community opposition or other factors 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 Readiness: Project likely to need funding in fiscal year proposed. Factors to be considered include adequacy of scope, schedule, budget and 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. Two points for a project with evidence of support from both neighborhood stakeholders and groups and citywide groups. Three points for a project in an adopted community based plan with evidence of diverse community support.

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

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

Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - FY 2018/19)

Curb Ramps (EP 41)

Programming

A contraction	Ducinet Mass	Dlegge	Chatas			Fiscal Year			Total
Адепсу	rroject iname	rnase(s)	Status	2014/15	2015/16	2016/17	2017/18	2018/19	I Otal
DPW	DPW Curb Ramps	CON	Planned	\$725,632					\$725,632
MdQ	DPW Curb Ramps	CON	Planned		\$763,969				\$763,969
MdQ	DPW Curb Ramps	CON	Planned			\$804,084			\$804,084
MdQ	DPW Curb Ramps	CON	Planned				\$846,055		\$846,055
MdQ	DPW Curb Ramps	CON	Planned					896,688\$	\$889,968
		Total Prog	Total Programmed in 5YPP	\$725,632	\$763,969	\$804,084	\$846,055	\$96,688\$	\$4,029,708
	Total Program	Total Programmed in 2013 Strategic	gic Plan Baseline	\$725,632	\$763,969	\$804,084	\$846,055	\$96,688\$	\$4,029,708
	Cumulative	Remaining Progr.	Cumulative Remaining Programming Capacity	80	0\$	0\$	0\$	80	0\$

Table 4 - Draft Prop K 5-Year Project List (FY 2014/15 - FY 2018/19)

Curb Ramps (EP 41)

Cash Flow

	- For			Fisca	Fiscal Year			F
rio)ect iname	гпаѕе	2014/15	2015/16	2016/17	2017/18	2018/19	2020/21	10121
Curb Ramps	CON	\$ 21,769 \$	\$ 703,863					\$725,632
Curb Ramps	CON		\$ 22,919	\$ 741,050				\$763,969
Curb Ramps	CON			\$ 24,123 \$	\$ \$79,961			\$804,084
Curb Ramps	CON				\$ 25,382	\$ 820,673		\$846,055
Curb Ramps	CON					\$ 26,699	\$ 863,269	\$896,688\$
Total C	Total Cash Flow in 5YPP	\$21,769	\$726,782	\$765,172	\$805,343	\$847,372	\$863,269	\$4,029,708
Total Cash Flow in 2013 Strategic Plan Baseline	egic Plan Baseline	\$862,759	\$726,782	\$765,172	\$805,343	\$847,372	\$891,346	\$4,898,774
Cumulative Remaining Cash Flow Capacity	ash Flow Capacity	\$840,990	\$840,990	\$840,989	\$840,989	\$840,989	990,698\$	\$840,989

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



	Prop K Expenditure Plan Information
Category:	C. Street & Traffic Safety
Subcategory:	iv. Bicycle and Pedestrian Improvements
Prop K EP Project/Program:	d. Curb Ramps
EP Line (Primary):	41
Other EP Line Number/s:	
Fiscal Year of Allocation:	2014/15
	Project Information
Project Name:	Curb Ramps
Project Location:	TBD
Project Supervisorial District(s):	TBD
Project Description:	The ADA requires cities to survey their public rights-of-way, draw up a plan for completion of required curb ramps, and identify a funding and construction schedule. While eventually every corner in the City will have a curb ramp, the ADA Transition Plan creates a detailed priority scheme, so that resources will first go to the areas in which curb ramps are needed most. The ADA Transition Plan has as its top priority those corners that San Francisco residents with disabilities have identified as important to them in order to be able to get to transit stops, local stores, work, and school.
Purpose and Need:	While San Francisco has been constructing curb ramps for years, it still has a significant amount of work to do. Currently, there is a backlog of citizen requests.
Community Engagement/Support:	The Mayor's Office on Disability (MOD) and DPW will work together to develop an ongoing public outreach campaign through the use of flyers and other potential mediums, targeting areas with a large numbers of people with disabilities and low numbers of ADA-compliant curb ramps. The public can also provide input regarding the Curb Ramp Program through the Mayor's Disability Council meetings and during annual development of the Citywide Capital Plan overseen by the Capital Planning Committee. Finally, citizens can request curb ramps through the City's 311 Customer Service line.
Implementing Agency:	Department of Public Works
Project Manager:	Ken Spielman
Phone Number:	415.437.7002
Email:	kenneth.spielman@sfdpw.org
	Environmental Clearance
Type:	Categorically Exempt, Class 1C
Status:	Existing
Completion Date (Actual or Anticipated):	N/A

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%)	0%	In-house	1	2014/15	1	2018/19
Environmental Studies (PA&ED)						
Design Engineering (PS&E)	0%	In-house	2	2014/15	4	2018/19
R/W Activities/Acquisition						
Advertise Construction	0%	In-house	4	2014/15	1	2019/20
Start Construction (i.e. Award Contract)	0%	Contracted	2	2015/16		
End Construction (i.e. Open for Use)	0%	Contracted			4	2019/20
Start Procurement (e.g. rolling stock)						
Project Close-out	0%	Contracted			1	2020/21

Comments/Concerns

San Francisco County Transportation Authority

Curb Ramps										
Cr	Source	Other	\$ 88,903	- - -	\$ 563,055	- - -	-	- \$	\$ 651,958	14%
	Funding Source	Prop K	-	- \$	-	- \$	\$ 4,029,708	-	\$ 4,029,708	%98
		Cost	\$ 88,903	-	\$ 563,055	-	\$ 4,029,708	- \$	\$ 4,681,666 \$	
Project Name:	Project Cost Estimate	Phase	Planning/Conceptual Engineering	Environmental Studies (PA&ED)	Design Engineering (PS&E)	R/W	Construction	Procurement (e.g. rolling stock)	Total Project Cost	Percent of Total

Project Expenditures (Cash Flow) By Fiscal Year	ical Year						Enter Cash Flow Here	n Flow Her	e			ı	
Phase	Fund Source	Fund Source Status	Fiscal Year Funds Available	14/15		15/16	16/17	17/18	80	18/19	19/20		Total
Planning/Conceptual Engineering	TDA	Planned	14/15	\$ 16,	16,745							₩	16,745
Design Engineering (PS&E)	TDA	Planned	14/15	\$ 106,054)54							\$ ₽	106,054
Construction	Prop K	Planned	14/15	\$ 21,	21,769 \$	703,863						€	725,632
Planning/Conceptual Engineering	TDA	Planned	15/16		₩	17,248						€	17,248
Design Engineering (PS&E)	TDA	Planned	15/16		\$ ₽	109,236						€	109,236
Construction	Prop K	Planned	15/16		€	22,919	\$ 741,050					€	763,969
Planning/Conceptual Engineering	TDA	Planned	16/17				\$ 17,765					€	17,765
Design Engineering (PS&E)	TDA	Planned	16/17				\$ 112,513					₽	112,513
Construction	Prop K	Planned	16/17				\$ 24,123	€	779,961			₽	804,084
Planning/Conceptual Engineering	TDA	Planned	17/18					\$	18,298			€	18,298
Design Engineering (PS&E)	TDA	Planned	17/18					\$ 11	115,888			€	115,888
Construction	Prop K	Planned	17/18					\$	25,382 \$	820,673		€	846,055
Planning/Conceptual Engineering	TDA	Planned	18/19						₩	18,847		₩	18,847
Design Engineering (PS&E)	TDA	Planned	18/19						₩	119,365		₩	119,365
Construction	Prop K	Planned	18/19						₩	26,699	\$ 863,269	\$ 69	889,968
Total By Fiscal Year	ľ			\$ 127,823	\$23	853,265	\$ 895,450	\$ 93	939,529 \$	985,584	\$ 863,269	\$ 69	4,681,666
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Comments/Concerns

2009 Prop K 5YPP - Program of Projects (as approved)

Curb Ramps (EP 41) Last Update: March 30, 2010

V Section 1	Daisot Mome	Dhass	Ctoting			Fiscal Year			T_{\odot}
Agency	rioject ivanie	FIIASC	Status	2009/10	2010/11	2011/12	2012/13	2013/14	I Otal
DPW	DPW Curb Ramps	CON	Programmed	\$731,000					\$731,000
M	DPW Curb Ramps	CON	Programmed		\$763,000				\$763,000
DPW	DPW Curb Ramps	CON	Programmed			\$796,000			\$796,000
DPW	DPW Curb Ramps	CON	Programmed				\$831,000		\$831,000
DPW	DPW Curb Ramps	CON	Programmed					\$867,000	\$867,000
	Tota	al Progran	Total Programmed in 5YPP	\$731,000	\$763,000	\$796,000	\$831,000	\$867,000	\$3,988,000
Tota	Total Programmed in Amended 2009 Strategic	Amended	2009 Strategic	\$731,000	\$763,000	\$796,000	\$831,000	\$867,000	\$3,988,000
Cumı	Cumulative Remaining Programming Capacity	Program	ning Capacity	0\$	0\$	0\$	0\$	0\$	\$0

Page 1 of 1

2009 Prop K 5YPP - Program of Projects (as amended)

Curb Ramps (EP 41) Programming and Allocations To-date

Last Update: February 04, 2014

Project Name	Phase	Status			Fiscal Year			Total
			2009/10	2010/11	2011/12	2012/13	2013/14	
Curb Ramps	CON	Allocated	\$731,000					\$731,000
Curb Ramps	CON	Deobligated	(\$30,658)					(\$30,658)
Curb Ramps	CON	Allocated		\$763,000				\$763,000
Curb Ramps	CON	Allocated			\$796,000			\$796,000
Union Square Public Right-of-Way Accessibility Improvements Project ¹	CON	Allocated			\$175,000			\$175,000
Union Square Public Right-of-Way Accessibility Improvements Project ¹	CON	Deobligated			(\$151)			(\$151)
Curb Ramps	CON	Allocated				\$831,000		\$831,000
Curb Ramps	CON	Allocated					\$867,000	\$867,000
Ţ	otal Progran	Total Programmed in 5YPP	\$700,342	\$763,000	\$970,849	\$831,000	\$867,000	\$4,132,191
Total Alloca	ated and Per	Total Allocated and Pending in 5YPP	\$731,000	\$763,000	\$971,000	\$831,000	\$867,000	\$4,163,000
T	Fotal Deobli	Total Deobligated in 5YPP	(\$30,658)	0\$	(\$151)	0\$	0\$	(\$30,809)
L	Total Unallo	Total Unallocated in 5YPP	(0\$)	0\$	0\$	0\$	0\$	(0\$)
Total Programmed in Amended 2009 Strategic Plan *	nded 2009 Sı	rategic Plan *	\$731,000	\$763,000	\$796,000	\$831,000	\$867,000	\$3,988,000
Deobligated f	from Prior 5	Deobligated from Prior 5YPP Cycles **	\$176,015					\$176,015
Cumulative Remaining Programming Capacity	ng Programı	ning Capacity	\$206,673	\$206,673	\$31,824	\$31,824	\$31,824	\$31,824

^{*} The 2009 Strategic Plan was amended on March 30, 2010 through Res. 10-52.

Programmed
Pending Allocation/Appropriation
Board Approved Allocation/Appropriation

FOOTNOTES:

^{** &}quot;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.

¹ 5YPP amendment to add the Union Square Public Right-of-Way Accessibility Improvements Project and reprogram \$175,000 in Fiscal Year 2008/09 Prop K funds deobligated from the Curb Ramps project (Resolution 09-07, 141.908005) (Resolution 12-06, 07.26.11). The deobligation is included in the "Deobligated from prior 5YPP cycles."

Location	District
09th Ave and Anza St	1
10th Ave and Anza St	1
11th Ave and Anza St	1
25th Ave and Martin Luther King Jr Dr	1
45th Ave and Cabrillo St	1
08th Ave and Anza St	1
25th Ave and Clement St	1
23rd Ave and Lake St	1,2
27th Ave and California St	1,2
Fulton St and Masonic Ave	1,5
Clayton St and Fulton St	1,5
Cole St and Fulton St	1,5
Octavia St and Washington St	2
Jackson St and Octavia St	2
Sacramento St and Webster St	2
Steiner St and Washington St	2
Chestnut St and Fillmore St	2
California St and Presidio Ave	2
Sacramento St and Spruce St	2
Laguna St and Washington St	2
Jones St and Lombard St	2,3
Broderick St and Ellis St	2,5
Buchanan St and Pine St	2,5
Fillmore St and Pine St	2,5
Pine St and Steiner St	2,5
Pierce St and Pine St	2,5 2,5
Pine St and Scott St	2,5
Geary Blvd and Gough St \ Peter Yorke Way \ Starr King Way	2,5 2,5
Drumm St and Washington St	3
Clay St and Drumm St	3
Kearny St and Post St	3
Geary St and Kearny St	3
Grant Ave and Post St	3
Battery St and Pine St	3
Front St and Pine St	3
Bush St and Sansome St	3
Pine St and Sansome St	3
California St and Leidesdorff St	3
	3
Battery St and Jackson St	3
Clay St and Sansome St	
Jackson St and Sansome St Gold St and Sansome St	3
	3
Kearny St and Sutter St	3
Bush St and Kearny St Manteemary St and Ring St	3
Montgomery St and Pine St	3
California St and Montgomery St	3
Grant Ave and Pine St	3
California St and Kearny St	3
Clay St and Montgomery St	3

Jackson St and Kearny St	3
Castle St and Green St	3
Castle St and Union St	3
Post St and Stockton St	3
Powell St and Sutter St	3
Bush St and Stockton St	3
Jones St and Post St	3
Grant Ave and Jackson St	3
Larkin St and Pine St	3
California St and Hyde St	3
Larkin St and Pacific Ave	3
Grant Ave and Union St	3
Gerke Aly and Grant Ave	3
Grant Ave and Greenwich St	3
Edgardo Pl and Grant Ave	3
Julius St and Lombard St	3
Columbus Ave and Powell St	3
Filbert St and Powell St	3
Columbus Ave and Greenwich St \ Scotland St	3
Greenwich St and Mason St	3
Columbus Ave and Mason St	3
Sansome St and Sutter St	3
Drumm St and Jackson St	3
Geary St and Grant Ave	3
Grant Ave and Sutter St	3
California St and Sansome St	3
California St and Sansome St	3
Kearny St and Sacramento St	3
Kearny St and Sacramento St	3
Kearny St and Pine St	3
Kearny St and Pine St	3
Grant Ave and Sacramento St	3
Clay St and Kearny St	3
Grant Ave and Washington St	3
Stockton St and Stockton Tunl \ Sutter St	3
Grant Ave and Pacific Ave	3
Broadway and Mason St	3
Bush St and Polk St	3
Broadway and Cyrus Pl	3
Cyril Magnin St and Eddy St	3,6
Ellis St and Mason St	3,6
03rd St and Kearny St \ Market St	3,6
Constanso Way and Escondido Ave	4
41st Ave and Wawona St	4
39th Ave and Vicente St	4
21st Ave and Irving St	4
22nd Ave and Irving St	4
23rd Ave and Irving St	4
25th Ave and Irving St	4
31st Ave and Ortega St	4
19th Ave and Wawona St	4,7

41st Ave and Sloat Blvd	4,7
43rd Ave and Sloat Blvd	4,7
19th Ave and Lawton St	4,7
Mcallister St From Laguna St to Webster St	5
Laussat St and Webster St	5
Rivoli St and Shrader St	5
Cole St and Grattan St	5
Haight St and Masonic Ave	5
Fulton St and Lyon St	5
Central Ave and Grove St	5
Central Ave and Fulton St	5
Cole St and Page St	5
Frederick St and Shrader St	5
Laguna St and Pine St	5
Gough St and Haight St	5
Franklin St and Page St	5
Fillmore St and Fulton St	5
Cole St and Hayes St	5
Graystone Ter and Twin Peaks Blvd	5,8
Crown Ter and Twin Peaks Blvd	5,8
Clyde St and Townsend St	6
05th St and Harrison St \ I-80 W Off Ramp	6
Harrison St and Oak Grove St	6
Harrison St and Merlin St	6
Harrison St and Morris St	6
05th St and Howard St	6
Gordon St and Harrison St	6
Brush Pl and Hallam St	6
08th St and Natoma St	6
Bryant St and Rincon St	6
02nd St and Folsom St	6
01st St and Clementina St	6
02nd St and Mission St	6
Mission St and New Montgomery St	6
Market St and Mason St \ Turk St	6
Olive St and Polk St	6
10th St and Fell St \ Market St \ Polk St	6
08th St and Mission St	6
01st St and Harrison St \ I-80 E On Ramp	6
Jessie St and New Montgomery St	6
Circular Ave and I-280 N On Ramp \ I-280 S Off Ramp \ Monterey Blvd	7
Circular Ave and Hearst Ave	7
Circular Ave and Marston Ave	7
Edna St and Havelock St	7
Circular Ave and Detroit St \ Judson Ave \ Paulding St	7
Belle Ave and Chester Ave	7
Ashton Ave and Head St	7
Ashton Ave and Pico Ave	7
Pico Ave and Urbano Dr	7
Darien Way and Kenwood Way \ Upland Dr	7
Darien Way and Northgate Dr	7
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Corona St and Urbano Dr	7
Alviso St and Urbano Dr	7
Borica St and Entrada Ct	7
Alviso St and Estero Ave	7
Estero Ave and Monticello St	7
Estero Ave and Lunado Way	7
Borica St and Entrada Ct	7
Cerritos Ave and Ocean Ave \ Westgate Dr	7
Moncada Way and Urbano Dr	7
Cerritos Ave and Moncada Way	7
Lunado Ct and Lunado Way	7
Cedro Ave and Mercedes Way	7
Cerritos Ave and Lunado Way \ Mercedes Way	7
Mercedes Way and Paloma Ave	7
Miraloma Dr and Ravenwood Dr \ Yerba Buena Ave	7
Dewey Blvd and Pacheco St	7
Magellan Ave and Sola Ave	7
Marcela Ave and Sola Ave	7
Magellan Ave and Pacheco St	7
Castenada Ave and Pacheco St	7
Marcela Ave and Pacheco St	7
Alton Ave and Pacheco St	7
Forest Hill Path and Lopez Ave \ Pacheco St	7
San Anselmo Ave and Santa Clara Ave	7
Santa Clara Ave and Terrace Dr	7
Magellan Ave and Montalvo Ave	7
Cortes Ave and Magellan Ave	7
Lenox Way and Taraval St	7
12th Ave and Magellan Ave	7
Cardenas Ave and Serrano Dr	7
Junipero Serra Blvd and Winston Dr	7
Broadmoor Dr and Winston Dr	7
19th Ave and Eucalyptus Dr	7
20th Ave and Eucalyptus Dr	7
22nd Ave and Eucalyptus Dr	7
23rd Ave and Eucalyptus Dr	7
24th Ave and Eucalyptus Dr	7
25th Ave and Eucalyptus Dr	7
Everglade Dr and Gellert Dr	7
Lakeshore Dr and Ocean Ave	7
Country Club Dr and Lakeshore Dr	7
Country Club Dr and End	7
Country Club Dr and Ocean Ave	7
Berkshire Way and Brookhaven Ln \ Country Club Dr	7
•	7
Berkshire Way and Lake Merced Blvd \ Lakeshore Dr 08th Ave and Pacheco St	7
09th Ave and Pacheco St	7
Clearfield Dr and Gellert Dr	7
	7
Gellert Dr and Morningside Dr	7
Alton Ave and Pacheco St \ Unnamed 033 Circular Ave and Flood Ave	-
CHCHAL AVE AND FIOOD AVE	/

Circular Ave and Staples Ave	7
Del Vale Ave and Oshaughnessy Blvd	7,8
Bosworth St and Lyell St	8
Bosworth St and Marsily St	8
Bosworth St and Cuvier St	8
Bosworth St and Milton St	8
Bosworth St and Rousseau St	8
Addison St and Diamond Heights Blvd \ Gold Mine Dr	8
18th St and Oakwood St	8
Bird St and Dearborn St	8
22nd St and Noe St	8
21st St and Eureka St	8
20th St and Eureka St	8
19th St and Hartford St	8
16th St and Albion St	8
20th St and Church St	8
Admiral Ave and Alemany Blvd	8,11
Alemany Blvd and Lyell St	8,11
Cambridge St From Sweeny St to Silver Ave	9
Banks St and Ogden Ave	9
Anderson St and Eugenia Ave	9
Prospect Ave and Virginia Ave	9
25th St and Harrison St	9
18th St and Harrison St	9
Harrison St and Mariposa St	9
26th St and Folsom St	9
Girard St and Mansell St	9,10
20th St and Bryant St	9,10
Oakdale Ave From Griffith St to Baldwin Ct	10
Harbor Rd and Northridge Rd	10
Griffith St and Oakdale Ave	10
Hawes St and Palou Ave	10
Ingalls St and Palou Ave	10
Mckinnon Ave and Mendell St	10
Hudson Ave and Mendell St	10
Innes Ave and Mendell St	10
Arleta Ave and Bay Shore Blvd \ San Bruno Ave	10
Alpha St and Goettingen St \ Wilde Ave	10
Alpha St and Raymond Ave	10
Alpha St and Arleta Ave	10
Alpha St and Teddy Ave	10
Rutland St and Tucker Ave	10
Campbell Ave and Rutland St	10
Peabody St and Visitacion Ave	10
Talbert Ct and Talbert St \ Visitacion Ave	10
Arleta Ave and Rutland St	10
Rutland St and Teddy Ave	10
Campbell Ave and Delta St	10
Fitzgerald Ave and Ingalls St	10
Armstrong Ave and Jennings St	10
Jennings St and Yosemite Ave	10

Latona St and Thornton Ave	10
Girard St and Wilde Ave	10
San Bruno Ave and Wilde Ave	10
Girard St and Ordway St	10
Bay Shore Blvd and Crane St \ Hwy 101 S On Ramp \ Salinas Ave	10
Mercury St and Thornton Ave	10
Mercury St and Thornton Ave	10
Quint St and Thornton Ave \ Waterville St	10
Quint St and Scotia Ave	10
25th St and Pennsylvania Ave	10
15th St and San Bruno Ave	10
Earl St and Kirkwood Ave	10
03rd St and Mendell St \ Palou Ave	10
Augusta St and Bay Shore Blvd \ Boutwell St	10
Naylor St and Prague St	11
Munich St and Rolph St	11
Munich St and Naylor St	11
Cordova St and Munich St	11
Cordova St and Seville St	11
Athens St and Cordova St	11
Hanover St and Pope St	11
Del Monte St and Mount Vernon Ave	11
Avalon Ave and Naples St	11
Athens St and Peru Ave	11
Naples St and Peru Ave	11
Mission St and Ocean Ave	11
Mount Vernon Ave and San Jose Ave	11
Lakeview Ave and Lee Ave \ Summit St	11
Edgar Ave and Niagara Ave	11
Bruce Ave and Edgar Ave	11
Capitol Ave and Sagamore St	11
Lobos St and Orizaba Ave	11
Faxon Ave and Thrift St	11