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Memorandum

AGENDA ITEM 5

- **DATE:** August 27, 2024
- **TO:** Transportation Authority Board
- FROM: Anna LaForte Deputy Director for Policy and Programming
- **SUBJECT:** 9/10/2024 Board Meeting: Allocate \$284,145 in Prop L Funds, with Conditions, and Allocate \$3,493,000 in Traffic Congestion Mitigation Tax Funds for Three Requests

RECOMMENDATION Information Action	⊠ Fund Allocation
Allocate \$159,145 in Prop L funds, with conditions, to San	□ Fund Programming
Francisco Municipal Transportation Agency (SFMTA) for:	□ Policy/Legislation
1. Great Highway Gateway Study [NTP] (\$159,145)	□ Plan/Study
Allocate \$125,000 in Prop L funds, with conditions, to San Francisco Public Works (SFPW) for:	□ Capital Project Oversight/Delivery
2. Clement Street and 6 th Avenue Intersection Improvements	□ Budget/Finance
[NTP] (\$125,000)	□ Contract/Agreement
Allocate \$3,493,000 in Traffic Congestion Mitigation Tax (TNC Tax) funds to SFMTA for:	□ Other:
 Vision Zero Quick-Build Program Implementation FY25 (\$3,493,000) 	
SUMMARY	
Attachment 1 lists the requests, including phase(s) of work and supervisorial district(s). Attachment 2 provides a brief description of the projects. Attachment 3 contains the staff recommendations. Project sponsors will attend the meeting to answer any questions the Board may have regarding these requests.	

DISCUSSION

Attachment 1 summarizes the subject requests, including information on proposed leveraging (i.e., stretching Prop L sales tax dollars further by matching them with



Agenda Item 5

other fund sources) compared with the leveraging assumptions in the Prop L

Expenditure Plan. Attachment 2 includes brief project descriptions. Attachment 3 summarizes the staff recommendations for these requests, highlighting special conditions and other items of interest. An Allocation Request Form for each project is attached, with more detailed information on scope, schedule, budget, funding, deliverables, and special conditions.

FINANCIAL IMPACT

The recommended action would allocate \$284,145 in Prop L funds and \$3,493,00 in TNC Tax funds. The allocations would be subject to the Fiscal Year Cash Flow Distribution Schedules contained in the attached Allocation Request Forms.

Attachment 4 shows the Prop L and TNC Tax Fiscal Year 2024/25 allocations and appropriations approved to date, with associated annual cash flow commitments as well as the recommended allocation and cash flow amounts that are the subject of this memorandum.

Sufficient funds are included in the Transportation Authority's adopted FY 2024/25 budget. Furthermore, sufficient funds will be included in future budgets to cover the recommended cash flow distributions in those fiscal years.

CAC POSITION

The CAC will consider this item at its September 4, 2024, meeting.

SUPPLEMENTAL MATERIALS

- Attachment 1 Summary of Requests
- Attachment 2 Project Descriptions
- Attachment 3 Staff Recommendations
- Attachment 4 Prop L and TNC Allocation Summaries FY 2024/25
- Attachment 5 Allocation Request Forms (3)

								Lev	veraging		
Source	EP Line No./ Category ¹	Project Sponsor ²	Project Name	Current Prop L Request	Current TNC Tax Request	Т	otal Cost for Requested Phase(s)	Expected Leveraging by EP Line ³	Actual Leveraging by Project Phase(s) ⁴	Phase(s) Requested	District(s)
Prop L	25	SFMTA	Great Highway Gateway [NTP]	\$ 159,145		\$	159,145	78%	0%	Planning	4
Prop L	25	SFPW	Clement Street & 6th Avenue Intersection Improvements [NTP]	\$ 125,000		\$	125,000	78%	0%	Design, Construction	1
TNC Tax	Quick-Builds	SFMTA	Vision Zero Quick-Build Program Implementation FY 25		\$ 3,493,000	\$	3,493,000	NA	0%	Design, Construction	Citywide
			TOTAL	\$ 284,145	\$ 3,493,000	\$	3,777,145				

Footnotes

¹ "EP Line No./Category" is either the Prop L Expenditure Plan line number referenced in the 2023 Prop L Strategic Plan Baseline or the Traffic Congestion Mitigation Tax (TNC Tax) category referenced in the Program Guidelines..

² Acronym: SFMTA (San Francisco Municipal Transportation Agency), and SFPW (San Francisco Public Works)

³ "Expected Leveraging By EP Line" is calculated by dividing the total non-Prop L funds expected to be available for a given Prop L Expenditure Plan line item by the total expected funding for that Prop L Expenditure Plan line item over the 30-year Expenditure Plan period. For example, expected leveraging of 90% indicates that on average non-Prop L funds should cover 90% of the total costs for all projects in that program, and Prop L should cover only 10%.

⁴ "Actual Leveraging by Project Phase" is calculated by dividing the total non-Prop L, non-Prop AA, or non-TNC Tax funds in the funding plan by the total cost for the requested phase or phases. If the percentage in the "Actual Leveraging" column is lower than in the "Expected Leveraging" column, the request (indicated by yellow highlighting) is leveraging fewer non-Prop L dollars than assumed in the Expenditure Plan. A project that is well leveraged overall may have lower-than-expected leveraging for an individual or partial phase.

EP Line No./ Category	Project Sponsor	Project Name	Prop L Funds Requested	TNC Tax Funds Requested	Project Description
25	SFMTA	Great Highway Gateway [NTP]	\$ 159,145	\$-	Requested Neighborhood Program funds would be used for a study of the Lower and Upper Great Highway, Lincoln Way, La Playa Street, and MLK Jr. Drive intersections to create a more pleasant driving, biking, and walking environment. The study will consider geometric design improvements, traffic circulation and signal considerations, place-making features, and streetscape enhancements that improve multi-modal safety, wayfinding, navigation, and transit connectivity, SFMTA expects to complete the study by the end of 2025 and will present the final report to the Board for approval.
25	SFPW	Clement Street & 6th Avenue Intersection Improvements [NTP]	\$ 125,000	\$ -	Neighborhood Program funds would be used for design (\$25,000) and construction (\$100,000) of pavement marking improvements at the intersection of Clement Street and 6th Avenue, including new thermoplastic crosswalk designs. The proposed intersection improvements will help to improve safety, walkability and overall neighborhood awareness at this location, which is close to many businesses, shops, cafes, restaurants, homes and schools. SFPW expects the project to be open for use by June 2026.
Quick-Builds	SFMTA	Vision Zero Quick-Build Program Implementation FY 25	\$-	\$ 3,493,000	The Vision Zero Quick-Build Program expedites the delivery of pedestrian safety, bicycle safety, transit, and traffic calming improvements citywide. Quick-build projects are comprised of reversible or adjustable traffic control, such as roadway and curb paint, signs, and parking and loading adjustments. This request is for funding to implement daylighting at approximately 300 intersections, speed limit reduction on approximately 70 safety corridors, and bikeway hardening for approximately 200 medians along existing bikeways as a hardened buffer. See the attached allocation request form with maps and lists of potential locations which are located throughout San Francisco and not limited to the Vision Zero High Injury Network. SFMTA expects to complete all of the work funded by this request by December 2026
	I	TOTAL	\$284,145	\$3,493,000	

¹ See Attachment 1 for footnotes.

Attachment 3: Staff Recommendations¹

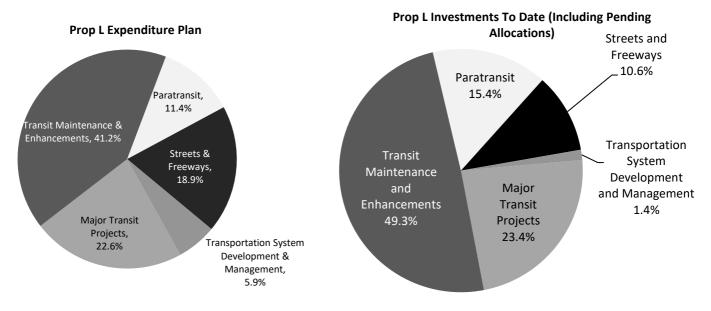
EP Line No./ Category	Project Sponsor	Project Name	 p L Funds ommended	 IC Tax Funds commended	Recommendations
25	SFMTA	Great Highway Gateway [NTP]	\$ 159,145		Deliverable: Upon completion of project, SFMTA shall present the final report to the Board for approval (anticipated December 2025).
25	SFPW	Clement Street & 6th Avenue Intersection Improvements [NTP]	\$ 125,000		 Special Condition: The Transportation Authority will not reimburse SFPW for the construction phase until Transportation Authority staff releases the funds (\$100,000) pending receipt of evidence of completion of design (e.g. copy of certifications page or workorder, internal design completion documentation, or similar). Recommendation is for a multi-phase allocation for this Neighborhood Program project given the short duration of the construction phase (3 months) and with the concurrence of the District Supervisor.
Quick-Builds	SFMTA	Vision Zero Quick-Build Program Implementation FY 25		\$ 3,493,000	and with the concurrence of the District Supervisor. Recommendation is for a multi-phase allocation given short duration design phases for quick-build projects and overlapping design and construction phases as work is conducted at various locations. Improvements are expected to move quickly from design to construction, as they do not require major street reconstruction and will be implemented by city crews and/or on-call contractors.
		TOTAL	\$ 284,145	\$ 3,493,000	

¹ See Attachment 1 for footnotes.

Attachment 4. Prop L Summary - FY2024/25

PROP L SALES TAX											
FY 2024/25	Total	F	Y 2024/25	F	Y 2025/26	F	Y 2026/27	F۱	(2027/28	FY	2028/29
Prior Allocations	\$ 66,917,637	\$	13,965,500	\$	32,642,819	\$	17,504,318	\$	2,805,000	\$	-
Current Request(s)	\$ 284,145	\$	104,572	\$	179,573	\$	-	\$	-	\$	-
New Total Allocations	\$ 67,201,782	\$	14,070,072	\$	32,822,392	\$	17,504,318	\$	2,805,000	\$	-

The above table shows maximum annual cash flow for all FY 2024/25 allocations and appropriations approved to date, along with the current recommended allocations.



FY2024/25		Total	F١	Y 2024/25	F	Y 2025/26	FY	2026/27	FY :	2027/28	FY	2028/29
Prior Allocations	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Current Request(s)	\$	3,493,000	\$	1,746,500	\$	1,266,800	\$	479,700	\$	-	\$	-
New Total Allocations	\$	3,493,000	\$	1,746,500	\$	1,266,800	\$	479,700	\$	-	\$	-

The above table shows total cash flow for all FY 2024/25 allocations approved to date, along with the current recommended allocation(s).

FY of Allocation Action:	FY2024/25		
Project Name: Great Highway Gateway Study [NTP]			
Primary Sponsor:	San Francisco Municipal Transportation Agency		

EXPENDITURE PLAN INFORMATION

PROP L Expenditure Plans	Neighborhood Transportation Program
Current PROP L Request:	\$159,145
Supervisorial District	District 04

REQUEST

Brief Project Description

This study will focus on the Lower and Upper Great Highway, Lincoln Way, La Playa Street, MLK Jr. Drive intersections and consider geometric design improvements, traffic circulation and signal considerations, place-making features, and streetscape enhancements that improve multi-modal safety, wayfinding, navigation, and transit connectivity, resulting in a more pleasant, driving, biking, and walking environment.

Detailed Scope, Project Benefits and Community Outreach

This planning effort is a focused study of the Lower and Upper Great Highway, Lincoln Way, La Playa Street, MLK Jr. Drive intersections that considers geometric design improvements, traffic circulation and signal considerations, place-making features, and streetscape enhancements that improve multimodal safety, wayfinding, navigation, and transit connectivity, by creating a more pleasant, driving, biking, and walking environment. It would consider future known developments at 1234 Great Highway, and incorporate any additional developments. The study will include multi-modal counts, user observation and landscape design visioning.

Planning scope would anticipate and provide a welcoming entrance for a potential Great Highway promenade/park. This promenade/park project is conditional on an affirmative vote by San Franciscans to restrict vehicles on Great Highway; if the voters do not pass this initiative, the planning scope of work would be reconsidered and revised in consultation with Commissioner Engardio, MTA, and SFCTA staff.

Task 1 Project Initiation

- Secure funds and project codes
- Execute consultant task order for work
- Refine project scope

Deliverables: Executed consultant task order, updated project scope

Task 2 Mobility Analysis and Geometric Design

- Identify additional traffic counts and models needed to consider intersection design improvements based on prior data collection and modeling
- Perform multimodal traffic counts and data collection as needed to determine current/ future travel demand and patterns as needed
- Refine existing traffic models for MLK/ La Playa and Great Highway/ Lincoln based on future configuration and demand
- Develop geometric design concepts in the geographic area based on new intersection traffic needs and known infrastructure constraints (ie Lake Merced Tunnel underneath Great Highway) and considering upcoming investment (upgraded and new traffic signals)
- Could include both quick-build and major civil improvement design alternatives

Deliverables: Traffic counts (if needed), intersection model outputs (if needed), intersection design concepts

Task 3: Streetscape Visioning

• In concert with the geometric design concepts developed in Task 2, the develop gateway treatment concept or concepts that welcome multi-modal visitors to a promenade space that is context sensitive to the adjacent ecosystem and improves safety for all users

Deliverables: Concept design(s) for gateway treatment at Great Highway/Lincoln and adjacent intersections

Task 4: Community Engagement

- Create outreach plan with District Supervisor
- Develop SFMTA landing page for project
- Host community webinar or in-person event on concept plans
- Perform pop-up project engagement on Great Highway during weekend closures
- Summarize community engagement on intersection design and gateway treatment design concepts in outreach summary memo

Deliverables: Outreach Plan memorandum; Communications materials; Summary of outreach

Task 5: Project Management

- · Host bi-weekly team meetings
- Report in SFCTA portal

Deliverables: Bi-weekly meeting notes, SFCTA quarterly reports

Task 6: Final Report and Presentation to Transportation Authority Board

• Project team will summarize findings from analysis, visioning, and community outreach into a final report. Final report will be presented for approval by the Transportation Authority CAC and Board.

Deliverables: Final Report and Presentation

The Transportation Authority's Neighborhood Transportation Program (NTP) is intended to strengthen

project pipelines and advance the delivery of community supported neighborhood-scale projects, especially in Equity Priority Communities and other neighborhoods with high unmet needs.

Project Location

Great Highway at Lincoln, MLK at La Playa

Is this project in an Equity Priority Community?	No
Does this project benefit disadvantaged populations?	No

Project Phase(s)

Planning/Conceptual Engineering (PLAN)

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop L 5YPP/Prop AA Strategic Plan?	Project Drawn from Placeholder
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	
PROP L Amount	\$3,150,000.00

FY of Allocation Action:	FY2024/25		
Project Name: Great Highway Gateway Study [NTP]			
Primary Sponsor:	San Francisco Municipal Transportation Agency		

ENVIRONMENTAL CLEARANCE

Environmental Type: N/A

PROJECT DELIVERY MILESTONES

Phase	s	start	End		
	Quarter	Calendar Year	Quarter	Calendar Year	
Planning/Conceptual Engineering (PLAN)	Jan-Feb-Mar	2025	Jan-Feb-Mar	2026	
Environmental Studies (PA&ED)					
Right of Way					
Design Engineering (PS&E)					
Advertise Construction					
Start Construction (e.g. Award Contract)					
Operations (OP)					
Open for Use					
Project Completion (means last eligible expenditure)			Oct-Nov-Dec	2026	

SCHEDULE DETAILS

This study would coordinate with a planned project for a new traffic signal at La Playa/ MLK and an upgraded traffic signal at Great Highway/ Lincoln to ensure that if minor civil design changes are recommended for either signal, to be incorporated in the design phase.

Community outreach would build off of work Great Highway Pilot and current Biking and Rolling Plan to engage local community groups in improving the entrance to a promenade.

- Task 1 Project Initiation Jan-Mar 2025
- Task 2 Mobility Analysis and Geometric Design Mar-Sep 2025
- Task 3 Streetscape Visioning Apr Nov 2025
- Task 4 Community Engagement May-December 2025
- Task 5 Project Management Feb-December 2025
- Task 6 Final Report December 2025

FY of Allocation Action:	FY2024/25
Project Name: Great Highway Gateway Study [NTP]	
Primary Sponsor:	San Francisco Municipal Transportation Agency

FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total
EP-225: Neighborhood Transportation Program	\$0	\$159,145	\$0	\$159,145
Phases In Current Request Total:	\$0	\$159,145	\$0	\$159,145

COST SUMMARY

Phase	Total Cost	PROP L - Current Request	Source of Cost Estimate
Planning/Conceptual Engineering	\$159,145	\$159,145	Based on recent past project work on Golden Gate Park, West Portal
Environmental Studies	\$0		
Right of Way	\$0		
Design Engineering	\$0		
Construction	\$0		
Operations	\$0		
Total:	\$159,145	\$159,145	

% Complete of Design:	N/A
As of Date:	N/A
Expected Useful Life:	N/A

San Francisco County Transportation Authority Prop L/Prop AA/Prop D TNC Allocation Request Form

MAJOR LINE ITEM BUDGET

BUDGET SUMMARY										
Agency	Ta	sk 1 - Project Initiation		ask 2 - Mobility Analysis and Geometric Design		Task 3 - Streetscape Visioning		Task 4 - Community Engagement	isk 5 - Project Management	Total
SFMTA	\$	2,400	\$	-	\$	-	\$	22,145	\$ 9,600	\$ 34,145
SFPW	\$	-	\$	-	\$	50,000	\$	-	\$ -	\$ 50,000
Consultant	\$	-	\$	75,000	\$	-	\$	-	\$ -	\$ 75,000
Total	\$	2,400	\$	75,000	\$	50,000	\$	22,145	\$ 9,600	\$ 159,145

DETAILED LABOR COST ESTIMATE - BY AGENCY							
SFMTA	Hours	Base Hourly Rate	Overhead Multiplier	Fully Burdened Hourly Cost	FTE	Total	
Manager V	50	\$-	\$-	\$ 239.10	0.02	\$ 11,955	
Transportation Planner III	130	\$-	\$-	\$ 173.90	0.06	\$ 22,607	
Total	180.00				0.09	\$ 34,562	

SFPW	Hours	Base Hourly Rate	Overhead Multiplier	Fully Burdened Hourly Cost	FTE	Total
Landscape Architect 2	100	\$-	\$-	\$ 225.06	0.05	\$ 22,506
Landscape Architect 1	140	\$-	\$-	\$ 193.41	0.07	\$ 27,077
Total	240.00				0.12	\$ 49,583

FY of Allocation Action: FY2024/25	
Project Name: Great Highway Gateway Study [NTP]	
Primary Sponsor:	San Francisco Municipal Transportation Agency

SFCTA RECOMMENDATION

Resolution Number:		Resolution Date:	
Total PROP L Requested:	\$159,145	Total PROP L Recommended	\$159,145

SGA Project Number:		Name:	Great Hig [NTP]	hway Gateway Study	
Sponsor:	San Francisco Municipal Transportation Agency	Expiration Date:	09/30/2026		
Phase:	Planning/Conceptual Engineering	Fundshare:	100.0%		
	Cash Flow Distribution	Schedule by Fiscal Ye	ear		
Fund Source	FY2024/25	FY2025/26		Total	
PROP L EP-201	\$79,	572	\$79,573	\$159,145	

Deliverables

1. Quarterly progress reports (QPRs) shall include % complete of the funded phase, % complete by task, work performed in the prior quarter including a summary of outreach performed and feedback received, work anticipated to be performed in the upcoming quarter , and any issues that may impact schedule, in addition to all other requirements described in the Standard Grant Agreement.

2. Upon completion of Task 2 (anticipated September 2025) provide memo and/or diagrams describing intersection design concepts.

3. For Task 4, SFMTA shall provide the Outreach Plan memorandum with the QPR following anticipated completion (May 2025). Upon completion of Task 4 (anticipated December 2025), SFMTA shall provide a summary of outreach performed, feedback received, and responses to the feedback.

4. Prior to completion, provide draft final report with sufficient time for Transportation Authority staff review and comment.

5. Upon completion of project (anticipated December 2025), SFMTA shall provide final report, including results of technical analysis and community engagement, recommendations, and a funding and implementation plan. SFMTA shall present the final report to the CAC and Board for approval or acceptance.

Notes

1. Progress reports will be shared with the District 4 Commissioner.

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - Current Request	No PROP AA	No TNC TAX	0.0%

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - This Project	No PROP AA	No TNC TAX	0.0%

FY of Allocation Action:	FY2024/25	
Project Name:	Great Highway Gateway Study [NTP]	
Primary Sponsor:	San Francisco Municipal Transportation Agency	

EXPENDITURE PLAN SUMMARY

Current PROP L Request: \$1

1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement:

CK

CONTACT INFORMATION

	Project Manager Grants Manager	
Name:	Chava Kronenberg	Joel C Goldberg
Title:	Unknown	Grants Procurement Manager
Phone:	555-5555	555-5555
Email:	chava.kronenberg@sfmta.com	joel.goldberg@sfmta.com

FY of Allocation Action:	FY2024/25
Project Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Primary Sponsor:	Department of Public Works

EXPENDITURE PLAN INFORMATION

PROP L Expenditure Plans	Neighborhood Transportation Program	
Current PROP L Request:	\$125,000	
Supervisorial District	District 01	

REQUEST

Brief Project Description

Design and implement pavement marking improvements to the intersection of Clement Street and 6th Avenue, including new thermoplastic crosswalk designs, to help improve safety, walkability and overall neighborhood awareness at this intersection which is close to many businesses, shops, cafes, restaurants, homes and schools.

Detailed Scope, Project Benefits and Community Outreach

At the request of District 1 Supervisor Connie Chan, Public Works is requesting Prop L Neighborhood Transportation Program (NTP) funds to design and construct intersection improvements on Clement Street / 6th Avenue. Located just north of Golden Gate Park and south of the Presidio, the Inner Richmond is surrounded by the busiest commercial and densely populated areas found in San Francisco. This Clement Street location is a great intersection of the urban and suburban for pedestrians and drivers — close to many businesses, shops, cafes, restaurants, homes and schools. The community has expressed interest in implementing thermoplastic asphalt treatment improvements at this intersection. Project location is within 1 mile from many neighborhood facilities, including George Peabody Elementary School, Roosevelt Middle School, Richmond Branch Library, and the Kaiser Permanente San Francisco Medical Center. The proposed intersection improvements would help to improve safety, walkability and overall neighborhood awareness.

The District 1 Supervisor's Office has already performed general outreach regarding this project. Public Works will work closely with Supervisor's Office to expedite public outreach process and the design phase, as well as expedite contract administration and construction of this project to implement onsite improvements as soon as possible per Supervisor request.

The Transportation Authority's Neighborhood Transportation Program is intended to strengthen project pipelines and advance the delivery of community supported neighborhood-scale projects, especially in Equity Priority Communities and other neighborhoods with high unmet needs.

Is this project in an Equity Priority Community?	No
Does this project benefit disadvantaged populations?	No

Project Phase(s)

Design Engineering (PS&E), Construction (CON)

Justification for Multi-phase Request

Recommendation is for a multi-phase allocation for this Neighborhood Program project given the short duration of the construction phase (3 months) and with the concurrence of the District Supervisor.

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop L 5YPP/Prop AA Strategic Plan?	New Project
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	
PROP L Amount	\$2,990,855.00

FY of Allocation Action:	FY2024/25
Project Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Primary Sponsor:	Department of Public Works

ENVIRONMENTAL CLEARANCE

Environmental Type: Categorically Exempt

PROJECT DELIVERY MILESTONES

Phase	Start		End	
	Quarter	Calendar Year	Quarter	Calendar Year
Planning/Conceptual Engineering (PLAN)				
Environmental Studies (PA&ED)				
Right of Way				
Design Engineering (PS&E)	Jan-Feb-Mar	2025	Oct-Nov-Dec	2025
Advertise Construction	Oct-Nov-Dec	2025		
Start Construction (e.g. Award Contract)	Oct-Nov-Dec	2025		
Operations (OP)				
Open for Use			Oct-Nov-Dec	2025
Project Completion (means last eligible expenditure)			Apr-May-Jun	2026

SCHEDULE DETAILS

Project kickoff: January 2025 Outreach and Community Feedback: February 2025 – July 2025 Design: August 2025 – October 2025 Construction/Implementation: November 2025 - December 2025

FY of Allocation Action:	FY2024/25
Project Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Primary Sponsor:	Department of Public Works

FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total
EP-225: Neighborhood Transportation Program	\$0	\$125,000	\$0	\$125,000
Phases In Current Request Total:	\$0	\$125,000	\$0	\$125,000

COST SUMMARY

Phase	Total Cost	PROP L - Current Request	Source of Cost Estimate
Planning/Conceptual Engineering	\$0		
Environmental Studies	\$0		
Right of Way	\$0		
Design Engineering	\$25,000	\$25,000	Recent project estimates
Construction	\$100,000	\$100,000	Recent project estimates
Operations	\$0		
Total:	\$125,000	\$125,000	

% Complete of Design:	0.0%
As of Date:	07/19/2024
Expected Useful Life:	10 Years

MAJOR LINE ITEM BUDGET

SUMMARY BY MAJOR LINE ITEM - DESIGN						
Budget Line Item		Totals	% of phase			
1. Total Labor	\$	20,000				
2. Consultant						
3. Other Direct Costs *	\$	3,000				
4. Contingency	\$	2,000	9%			
TOTAL PHASE	\$	25,000				

TOTAL LABOR C	OST B	Y AGENCY
SFMTA	\$	2,000
SFPW	\$	23,000
TOTAL	\$	25,000

MAJOR LINE ITEM BUDGET

SUMMARY BY MAJOR LINE ITEM (BY AGENCY LABOR BY TASK)									
Budget Line Item		Totals	% of contract		SFPW		SFMTA	Со	ntractor
1. Contract									
Task 1: Traffic Control	\$	5,000						\$	5,000
Task 2: Deco Asphalt	\$	80,000						\$	80,000
Subtotal	\$	85,000						\$	85,000
2. OCS Replacement	\$	-							
3. Construction Management/Support	\$	12,500	15%	\$	10,000	\$	2,500		
4. Other Direct Costs *	\$	-							
5. Contingency	\$	2,500	3%					\$	2,500
TOTAL CONSTRUCTION PHASE	\$	100,000		\$	10,000	\$	2,500	\$	87,500

FY of Allocation Action:	FY2024/25
Project Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Primary Sponsor:	Department of Public Works

SFCTA RECOMMENDATION

Resolution Number:		Resolution Date:	
Total PROP L Requested:	\$125,000	Total PROP L Recommended	\$125,000

SGA Project Number:			Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]			
Sponsor:	Department of	Public Works	Expiration Date:	06/30/2026			
Phase:	Design Engineering		Fundshare:	100.0%			
	Cash Flow Distribution Schedule by Fiscal Year						
Fund Source		FY2024/25		Total			
PROP L EP-201			\$25,000	\$25,000			

Deliverables

1. Quarterly progress reports shall include % complete of the funded phase, work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact schedule, in addition to all other requirements described in the Standard Grant Agreement.

2. With the first quarterly progress report, Sponsor shall provide 2-3 photos of existing conditions.

3. Upon completion, Sponsor shall provide evidence of completion of 100% design (e.g., copy of certifications page, copy of workorder, internal design completion documentation, or similar).

Notes

1. Progress reports will be shared with the District 1 Commissioner.

SGA Project Number:			Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Sponsor:	Department of	Public Works	Expiration Date:	12/31/2026
Phase:	Construction		Fundshare:	100.0%
	Cash	Flow Distribution	Schedule by Fiscal Y	<i>'</i> ear
Fund Source		FY2025/26	-	Total
PROP L EP-201			\$100,000	\$100,000
Deliverables				

1. Quarterly progress reports (QPRs) shall include % complete to date, photos of work being performed, upcoming project milestones (e.g. ground-breaking, ribbon-cutting), and delivery updates including work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact delivery, in addition to all other requirements described in the Standard Grant Agreement.

2. Upon completion of the project Sponsor shall provide 2-3 photos of completed work.

Special Conditions

1. The Transportation Authority will not reimburse SFPW for the construction phase until Transportation Authority staff releases the funds (\$100,000) pending receipt of evidence of completion of design (e.g. copy of certifications page or workorder, internal design completion documentation, or similar).

Notes

1. Progress reports will be shared with the District 1 Commissioner.

2. Reminder: All construction signage, project fact sheets, websites and other similar materials shall comply with the attribution requirements established in the Standard Grant Agreement.

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - Current Request	No PROP AA	No TNC TAX	0.0%
Actual Leveraging - This Project	No PROP AA	No TNC TAX	0.0%

FY of Allocation Action:	FY2024/25
Project Name:	Clement Street & 6th Avenue Intersection Improvements [NTP]
Primary Sponsor:	Department of Public Works

EXPENDITURE PLAN SUMMARY

Current PROP L Request: \$	\$125,000
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1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement:

VC

CONTACT INFORMATION

	Project Manager	Grants Manager		
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FY of Allocation Action: FY2024/25	
Project Name: Vision Zero Quick-Build Implementation FY25	
Primary Sponsor:	San Francisco Municipal Transportation Agency

EXPENDITURE PLAN INFORMATION

TNC TAX Expenditure Plans	Quick Builds
Current TNC TAX Request:	\$3,493,000
Supervisorial District	Citywide

REQUEST

Brief Project Description

The Vision Zero Quick-Build Program expedites the delivery of pedestrian safety, bicycle safety, transit, and traffic calming improvements citywide. Quick-build projects are comprised of reversible or adjustable traffic control, such as roadway and curb paint, signs, and parking and loading adjustments. This request is for funding to implement daylighting at approximately 300 intersections, speed limit reduction on approximately 70 safety corridors, and bikeway hardening for approximately 200 medians along existing bikeways as a hardened buffer.

Detailed Scope, Project Benefits and Community Outreach

Quick-build projects are comprised of reversible or adjustable traffic control, such as roadway and curb paint, signs, traffic signal timing updates, traffic lane reconfigurations, and parking and loading adjustments. While quick-build improvements are limited in scope, they offer the opportunity to implement safety improvements more quickly than a typical design-bid-build process. Quick-build projects are primarily implemented entirely by City crews, rather than with contractors, and include paint, signs, minor signal modifications and timing updates, plastic delineators, meter placement, concrete islands, curb ramps, and minor pavement improvements.

To help expedite the delivery of safer streets, the SFMTA requests funding to continue implementing programmatic quick-build improvements. Specifically, planned safety improvements include daylighting, speed limit reduction, and bikeway hardening. This allocation request supports the implementation of the program as described below.

Daylighting:

The SFMTA is pursuing daylighting as a quick-build treatment at all intersections in accordance with Assembly Bill 413. Daylighting will enhance visibility at intersections by removing visual obstructions near crosswalks, thereby improving safety for all road users. This treatment typically involves restricting parking near intersections to create clearer sightlines, reducing the risk of collisions and enhancing overall street safety. Previously funded efforts for daylighting are focused on intersections along the 2022 Vision Zero High Injury Network and at a limited number of schools. This request would implement an additional 300 intersections approximately, with priority at intersections adjacent to schools. A total of 674 intersections may be eligible under this criteria. Staff will track locations as

implementation progresses and remaining locations near schools will be implemented as additional funding becomes available in the future.

Speed Limit Reduction:

Under the provision of Assembly Bill 43, the SFMTA will work on lowering the speed limit at additional eligible corridors. Previously funded speed management efforts include speed limit reduction on 17 corridors in the Tenderloin neighborhood and to 70 or more commercial corridors in business activity districts between 2022 and 2024 when AB 43 first came into effect. Beginning in July 2024, AB 43 also allows cities to lower speeds by 5 miles per hour on streets designated as safety corridors. This request would implement speed limit reduction to approximately 70 safety corridors. The locations are not yet determined and this request would support the analysis to identify those locations. Locations must be on the High Injury Network in order to qualify. The SFMTA will review each High Injury Network corridor to determine if further speed limit reductions could be established using this additional flexibility provided by AB 43 and install associated signage.

Bikeway Hardening:

Quick-build projects follow an iterative design process that may necessitate new changes after initial installation. The SFMTA will identify locations of previously installed protected bikeway projects that currently use plastic delineators in the bikeway buffer and are suitable for upgrading to concrete median buffers. The SFMTA has prior experience installing concrete medians as a feature of protected bikeways. Compared to plastic delineators, concrete medians offer more comfort and protection to bicyclists traveling in the bikeway. This request would implement approximately 200 medians along bikeways as a hardened buffer. Specific locations are not yet determined and this request would support the analysis to identify those locations. Approximately 22 miles of existing bikeways that currently feature plastic delineators may be eligible for upgrades to concrete medians. This program is aligned to the strong and consistent demand for immediate safety improvements on critical streets citywide, heard through the development of the Vision Zero Action Strategy and from past hearings on the Vision Zero Quick-Build program at the SFMTA Board and the Transportation Authority. The program will continue expanding on the initial work of the Vision Zero Quick-Build program to bring traffic safety improvements throughout the city. Projects will be developed and implemented with strong community engagement and work that can be primarily completed by inhouse SFMTA and Public Works crews. As new projects emerge, they will be shared through quarterly progress updates to the Transportation Authority.

Outreach and Communications Support:

Community outreach and engagement is a crucial component of the Vision Zero Quick-Build Program. The low-cost, easily adjustable nature of quick-build improvements allows the SFMTA to be responsive and modify project designs based on public input without waiting on the implementation of larger streetscape elements. For previous corridor projects receiving additional upgrades, staff will leverage existing communications channels to update the community on further street changes. Outreach for street changes like intersection daylighting, bikeway hardening, and speed limit reduction will include public hearing notifications, educational materials, posters, mailers, palm cards, and presence at community events. Staff will communicate implementation progress through various outreach and engagement methods such as the SFMTA website, social media, community tabling events, business site visits, and other various methods of outreach and engagement. Materials will be translated into languages like Spanish, Chinese, Russian, Filipino, Arabic, and Vietnamese as needed.

Program Management and Administration:

This program is aligned to the strong and consistent demand for immediate safety improvements on critical streets citywide, heard through the development of the Vision Zero Action Strategy and from

past hearings on the Vision Zero Quick-Build program at the SFMTA Board and the Transportation Authority. The program will continue expanding on the initial work of the Vision Zero Quick-Build Program to bring traffic safety improvements throughout the city.

The scope of this project includes program management and administrative tasks, including providing regular programmatic updates to management and internal stakeholders, coordinating with other relevant internal programs (e.g. Safe Streets Evaluation Program, Vision Zero Action Strategy, Biking and Rolling Plan), creating and sharing project management resources across project teams, researching and presenting best practices with other agencies, and more. A central task of program management also involves managing a portfolio of quick-build projects and improvements by tracking the progress, status, and timeline of individual implementation projects, as well as scope, budgets, expenditures, staffing, outreach status, legislative status, and other project attributes.

Project Location

Various locations citywide.

Is this project in an Equity Priority Community?	Yes
Does this project benefit disadvantaged populations?	Yes

Project Phase(s)

Design Engineering (PS&E), Construction (CON)

Justification for Multi-phase Request

Multi-phase allocation is recommended given short duration design phases for quick-build projects and overlapping design and construction phases as work is conducted at various locations. Improvements are expected to move quickly from design to construction, as they do not require major street reconstruction and will be implemented by city crews and/or on-call contractors.

5YPP/STRATEGIC PLAN INFORMATION

Type of Project in the Prop L 5YPP/Prop AA Strategic Plan?	
Is requested amount greater than the amount programmed in the relevant 5YPP or Strategic Plan?	
TNC TAX Amount	\$3,493,000.00

FY of Allocation Action:	FY2024/25
Project Name: Vision Zero Quick-Build Implementation FY25	
Primary Sponsor: San Francisco Municipal Transportation Agency	

ENVIRONMENTAL CLEARANCE

Environmental Type: Categorically Exempt

PROJECT DELIVERY MILESTONES

Phase	Start		End	
	Quarter	Calendar Year	Quarter	Calendar Year
Planning/Conceptual Engineering (PLAN)				
Environmental Studies (PA&ED)				
Right of Way				
Design Engineering (PS&E)	Oct-Nov-Dec	2024	Apr-May-Jun	2026
Advertise Construction				
Start Construction (e.g. Award Contract)	Oct-Nov-Dec	2024		
Operations (OP)				
Open for Use			Oct-Nov-Dec	2026
Project Completion (means last eligible expenditure)			Oct-Nov-Dec	2026

SCHEDULE DETAILS

FY of Allocation Action:	FY2024/25
Project Name: Vision Zero Quick-Build Implementation FY25	
Primary Sponsor:	San Francisco Municipal Transportation Agency

FUNDING PLAN - FOR CURRENT REQUEST

Fund Source	Planned	Programmed	Allocated	Project Total
Prop D: EP-601: Quick Builds	\$0	\$3,493,000	\$0	\$3,493,000
Phases In Current Request Total:	\$0	\$3,493,000	\$0	\$3,493,000

COST SUMMARY

Phase	Total Cost	Source of Cost Estimate
Planning/Conceptual Engineering	\$0	
Environmental Studies	\$0	
Right of Way	\$0	
Design Engineering	\$295,000	Prior experience with SFMTA labor
Construction	\$3,198,000	Prior experience with SFMTA labor and materials
Operations	\$0	
Total:	\$3,493,000	

% Complete of Design:	0.0%
As of Date:	07/18/2024
Expected Useful Life:	10 Years

Typical Unit Cost Estimates for Quick-Build Project Elements

Notes

- Unit costs do not include contingency. 20% contingency will be added to project construction cost estimates.
- Unit costs do not include escalation.
- Specific elements of individual project may be higher or lower than typical costs based on field conditions.
- Quick-build projects may include other elements not listed below. based on specific project needs.

Typical Unit Costs - SFMTA Paint Shop

ITEM #	DESCRIPTION	UNIT	Typical Unit Cost
1	12" Crosswalk Lines / Stop Bars	Lin Ft	\$8.96
2	4" Broken White or Yellow	Lin Ft	\$2.55
3	4" Solid White or Yellow	Lin Ft	\$4.49
4	6" Broken White	Lin Ft	\$3.69
5	6" Solid White	Lin Ft	\$5.61
6	8" Broken White or Yellow	Lin Ft	\$5.05
7	8" Solid White or Yellow	Lin Ft	\$6.57
8	24" Solid White or Yellow	Lin Ft	\$9.14
9	Double Yellow	Lin Ft	\$8.79
10	Two Way Left Turn Lanes (ea line)	Lin Ft	\$5.84
11	Raised Pavement Markers (White or Yellow)	Each	\$20.55
12	Per Block Fees	Each	\$1,421.06
13	Parking Stalls (Angle Stalls or "T"'s)	Each	\$49.41
14	Bus Zones	Lin Ft	\$10.88
15	a. Ped Ramp Painting (inside Metro Dist.)	Int.	\$536.73
16	b. Ped Ramp Painting (outside Metro Dist.)	Int.	\$359.52
17	Color Curb Painting	Lin Ft	\$14.31
18	Wheel Stops (4" x 6" x 48" - Rubber)	Each	\$434.50
19	3.5" x 5.5" x 18" Pavement Bars (concrete)	Bar ft	\$86.90
20	4' turn restriction black & yellow raised bumps	Each	\$434.50
21	Green Sharrow Backing - thermoplastic	Sq Ft	\$22.43
22	Green Bike Lane - thermoplastic	Sq Ft	\$22.43
23	Bike box	Sq Ft	\$22.43
24	Khaki paint for Painted Safety Zones	Sq Ft	\$22.43
25	Flexible delineator posts	Each	\$150.00
26	Methacrylate pavement legends	Sq Ft	\$17.04

Typical Unit Costs - SFMTA Sign and Signal Shop

ITEM #	DESCRIPTION	UNIT	Typical Unit	: Cost
1	Street Name Signs	Each	\$	300.00
2	Street Cleaning Signs	Each	\$	300.00
3	TANSAT	Each	\$	300.00
4	Blue Zone Signs	Each	\$	300.00
5	Bike Lane Signs	Each	\$	300.00
6	Lane Assignments	Each	\$	300.00
7	Safe-Hit Posts	Each	\$	100.00
8	Bike Rack	Each	\$	370.00
9	Bike 8" Signals R/Y/G	Each	\$	2,000.00
10	Extinguishable NTOR	Each	\$	4,000.00

Typical Unit Costs - SFMTA Meter Shop

ITEM #	DESCRIPTION	UNIT	Typical Unit C	ost
1	Parking Meter Relocation	Each	\$	735.00
2	Parking Meter Removal	Each	\$	115.00
3	Furnish New Ground Numbers	Each	\$	68.00
4	Furnish New Pole, Sign, and Decal	Each	\$	155.00
5	Furnish New Multi Space Meter Unit	Each	\$ 9,	000.00

Typical Unit Costs - SFPW

ITEM #	DESCRIPTION	UNIT	Typical Unit Cost
1	Bikeway buffer median island	Lin Ft	\$65.00
1	Protected corner median island	Each	\$15,000.00



Quick-Build Tasks by Phase

			F	un	ds Requested	ł	
#	Vision Zero Quick-Build Task		Design	Сс	onstruction		Total
1	Daylighting	\$	-	\$	1,113,000	\$	1,113,000
2	Speed Limit Reduction	\$	-	\$	1,015,000	\$	1,015,000
3	Bikeway Hardening	\$	-	\$	1,070,000	\$	1,070,000
4	Outreach & Communications Support	\$	85,000	\$	-	\$	85,000
5	Program Management & Administration	\$	210,000	\$	-	\$	210,000
		\$	295,000	\$	3,198,000	\$	3,493,000
		т	otal DES	٦	Fotal CON		Total



Quick-Build Tasks by Project

#	Name	Supervisorial District	Anticipated Scope Details	Estimated Quantity	Labor	Materials	Funds Requested
1	Daylighting	Various	Daylighting of intersections in accordance with AB 413	300 intersections	\$ 890,400	\$ 222,600	\$ 1,113,000
2	Speed Limit Reduction	Various	Signs displaying lower speed limits on High Injury Network streets as permitted by AB 43	70 corridors	\$ 812,000	\$ 203,000	\$ 1,015,000
3	Bikeway Hardening	Various	Upgrading plastic delineators installed on Class IV bikeways to concrete medians	200 medians	\$ 856,000	\$ 214,000	\$ 1,070,000
					\$ 2,558,400	\$ 639,600	\$ 3,198,000
					Total Labor	Total Materials	Total

FY of Allocation Action: FY2024/25	
Project Name: Vision Zero Quick-Build Implementation FY25	
Primary Sponsor:	San Francisco Municipal Transportation Agency

SFCTA RECOMMENDATION

Resolution Number:		Resolution Date:	
Total PROP L Requested:	\$0	Total PROP L Recommended	\$3,198,000
Total TNC TAX Requested:	\$3,493,000	Total TNC TAX Recommended	\$295,000

ct er:			Name:		o Quick-Build tation FY25 design	
San Francisco Municipal Transportation Agency			Expiration Date:	12/31/2026		
: Design Engineering			Fundshare:	0.0%		
Cash Flow Distribution Schedule by Fiscal Year						
	FY2024/25		FY2025/26		Total	
	\$147,	500		\$147,500	\$295,000	
	Transporta Design En	Transportation Agency Design Engineering Cash Flow Distribution FY2024/25	Transportation Agency Design Engineering Cash Flow Distribution Sche	San Francisco Municipal Transportation Agency Expiration Date: Design Engineering Fundshare: Cash Flow Distribution Schedule by Fiscal Ye FY2024/25 FY2025/26	Implement San Francisco Municipal Transportation Agency Expiration Date: 12/31/202 Design Engineering Fundshare: 0.0% Expiration Date: Fundshare: FY2024/25 FY2025/26	

Deliverables

1. Quarterly progress reports shall include detailed updated information on the scope, schedule, budget, and expenditures for each corridor, as well as project delivery updates including work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact delivery.

2. Upon completion, Sponsor shall provide evidence of completion of 100% design (e.g., copy of certifications page or copy of work order).

Notes

1. Recommendation is for a multi-phase allocation given short duration design phases for quick-build projects and overlapping design and construction phases as work is conducted at various locations. Improvements are expected to move quickly from design to construction, as they do not require major street reconstruction and will be implemented by city crews and/or on-call contractors.

SGA Project Number:					Vision Zero Quick-Build Implementation FY25 construction	
Sponsor:	San Francisco Municipal Transportation Agency		Expiration Date: 12/31/2027			
Phase:	Construction		Fund	Ishare:	100.0%	
Cash Flow Distribution Schedule by Fiscal Year						
Fund Source	FY2024/25	FY202	FY2025/26 FY202		6/27	Total

PROP L EP-201	\$1,599,000	\$1,119,300	\$479,700	\$3,198,000
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Deliverables

1. Quarterly progress reports shall include detailed updated information on the scope, schedule, budget, and expenditures for each corridor, as well as project delivery updates including work performed in the prior quarter, work anticipated to be performed in the upcoming quarter, and any issues that may impact delivery.

2. Prior to starting construction activities, provide 2-3 photos of typical before conditions for each corridor. For every quarter during which project construction activities are happening, provide 2-3 photos of work being performed and work completed.

3. SFMTA shall provide regular project evaluation updates. SFMTA's annual Safe Streets Evaluation report will be accepted to fulfill this deliverable, so long as it addresses the corridors included in this request.

Notes

1. In October 2020 through Resolution 23-42 the Board programmed \$9,493,883 million in TNC Tax funds to the FY 24 Vision Zero Quick-Build Program and has since allocated \$6,000,00 to FY24 quick-build projects. This recommendation would allocate a total of \$3,493,883 in funds programmed but unallocated to date.

Metric	PROP AA	TNC TAX	PROP L
Actual Leveraging - Current Request	No PROP AA	No TNC TAX	No PROP L
Actual Leveraging - This Project	No PROP AA	No TNC TAX	No PROP L

FY of Allocation Action:	FY2024/25
Project Name: Vision Zero Quick-Build Implementation FY25	
Primary Sponsor:	San Francisco Municipal Transportation Agency

EXPENDITURE PLAN SUMMARY

Current TNC TAX Request:	\$3,493,000
•	

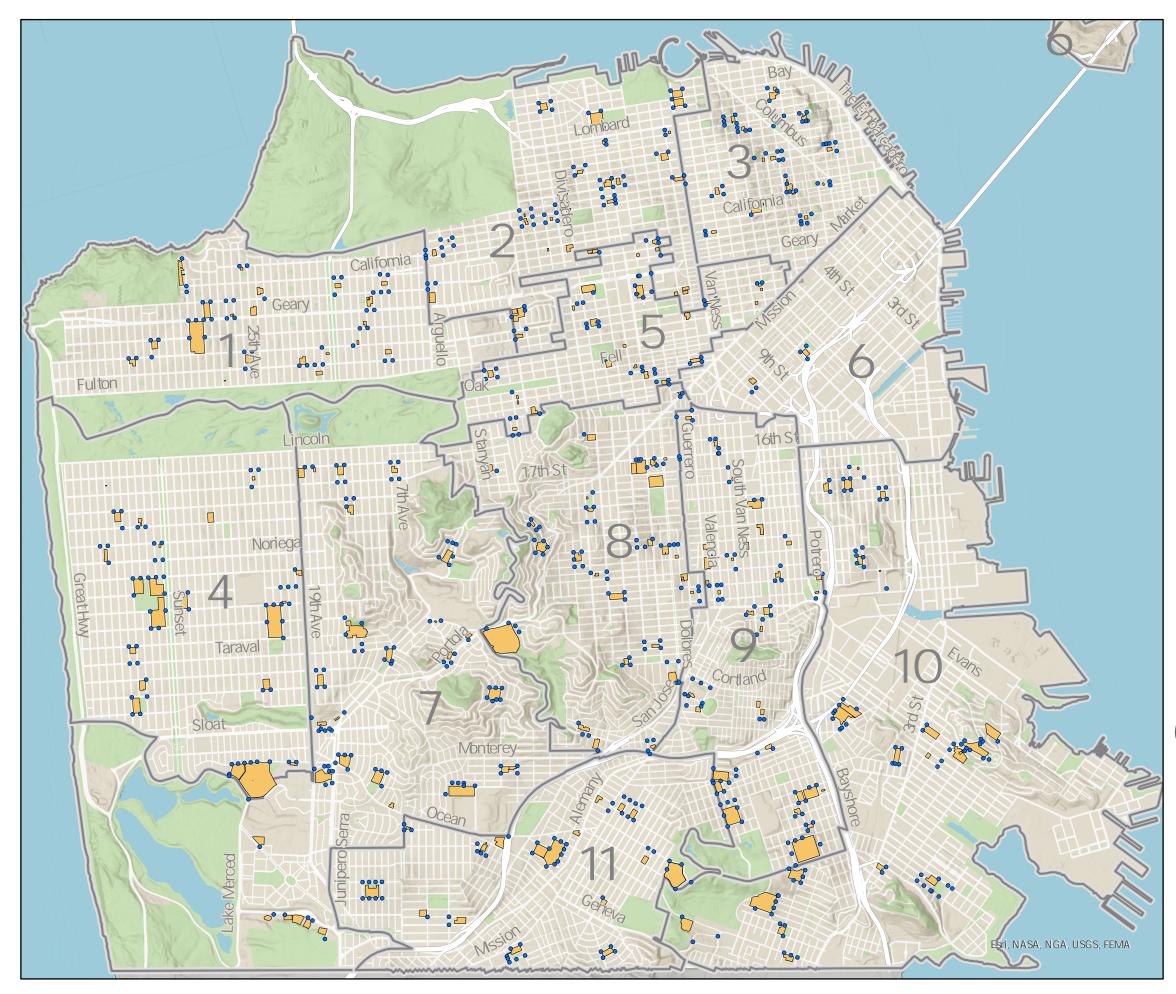
1) The requested sales tax and/or vehicle registration fee revenues will be used to supplement and under no circumstance replace existing local revenues used for transportation purposes.

Initials of sponsor staff member verifying the above statement:

ML

CONTACT INFORMATION

	Project Manager	Grants Manager
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Potential Daylighting Scope

Eligible intersections near schools for potential daylighting

August 2024

Intersections within one block of public and private schools in San Francisco that may be eligible for potential daylighting using resources from this funding request. Intersections excluded include prior and ongoing daylighting work from other programs and projects.

Legend

- Eligible intersections (674)
 - Schools

Supervisor districts



miles

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Potential Daylighting Locations

District	Street	Cross Street
1	CABRILLO ST	18TH AVE
1	ANZA ST	10TH AVE
1	MASONIC AVE	EWING TER
1	GEARY BLVD	8TH AVE
1	BALBOA ST	15TH AVE
1	GEARY BLVD	9TH AVE
1	GEARY BLVD	31ST AVE
1	CORNWALL ST	7TH AVE
1	LAKE ST	24TH AVE
1	GEARY BLVD	30TH AVE
1	BALBOA ST	40TH AVE
1	CABRILLO ST	15TH AVE
1	CABRILLO ST	24TH AVE
1	CABRILLO ST	6TH AVE
1	GEARY BLVD	27TH AVE
1	CABRILLO ST	25TH AVE
1	BALBOA ST	37TH AVE
1	CLEMENT ST	6TH AVE
1	CLEMENT ST	26TH AVE
1	CLEMENT ST	29TH AVE
1	LAKE ST	25TH AVE
1	ANZA ST	37TH AVE
1	BALBOA ST	11TH AVE
1	GEARY BLVD	26TH AVE
1	BALBOA ST	39TH AVE
1	ANZA ST	9TH AVE
1	FUNSTON AVE	CLEMENT ST
1	CALIFORNIA ST	12TH AVE
1	BALBOA ST	25TH AVE
1	CLEMENT ST	7TH AVE
1	GEARY BLVD	32ND AVE
1	BALBOA ST	24TH AVE
1	ANZA ST	36TH AVE
1	CLEMENT ST	30TH AVE
1	ANZA ST	30TH AVE
1	FUNSTON AVE	CALIFORNIA ST
1	ANZA ST	32ND AVE
1	CABRILLO ST	7TH AVE
1	GEARY BLVD	29TH AVE
1	CALIFORNIA ST	32ND AVE
1	CABRILLO ST	17TH AVE
1	MARVEL CT	32ND AVE
1	CLEMENT ST	8TH AVE
1	CLEMENT ST	27TH AVE
1	CLEMENT ST	22ND AVE

1	CORNWALL ST	6TH AVE
1	CABRILLO ST	16TH AVE
1	EL CAMINO DEL MAR	32ND AVE
2	UNION ST	GOUGH ST
2	MAPLE ST	CLAY ST
2	WASHINGTON ST	DIVISADERO ST
2	SCOTT ST	JACKSON ST
2	GREENWICH ST	FRANKLIN ST
2	LAKE ST	ARGUELLO BLVD
2	NORMANDIE TER	BROADWAY
2	PALM AVE	EUCLID AVE
2	WEBSTER ST	MOULTON ST
2	CLAY ST	ARGUELLO BLVD
2	WEBSTER ST	BROMLEY PL
2	WASHINGTON ST	BAKER ST
2	UNION ST	FRANKLIN ST
2	VAN NESS AVE	BAY ST
2	WEBSTER ST	CHESTNUT ST
2	UNION ST	STEINER ST
2	WEBSTER ST	BAY ST
2	WEBSTER ST	VALLEJO ST
2	WASHINGTON ST	LYON ST
2	WEBSTER ST	BROADWAY
2	WEBSTER ST	PACIFIC AVE
2	BUCHANAN ST	BROADWAY
2	TURK BLVD	MASONIC AVE
2	WASHINGTON ST	BRODERICK ST
2	PIERCE ST	GREEN ST
2		PIERCE ST
2	VAN NESS AVE	NORTH POINT ST
2	SCOTT ST	PACIFIC AVE
2	POLK ST	FRANCISCO ST
2	JACKSON ST	FILLMORE ST
2	FILLMORE ST	BAY ST
2	FRANKLIN ST	BROADWAY
2	PACIFIC AVE	BAKER ST
2	PACIFIC AVE	LYON ST
2	LAGUNA ST	GEARY BLVD
2	PACIFIC AVE	FILLMORE ST
2	SCOTT ST	BEACH ST
2	VALLEJO ST	BUCHANAN ST
2	SACRAMENTO ST	ARGUELLO BLVD
2	FILLMORE ST	CHESTNUT ST
2	JACKSON ST	BRODERICK ST
2	FILLMORE ST	BROADWAY
2	FRANKLIN ST	BLACKSTONE CT
2	WASHINGTON ST	MAPLE ST
2	WEBSTER ST	JACKSON ST
-		

-		
2	WASHINGTON ST	CHERRY ST
2	TURK BLVD	CENTRAL AVE
2	VALLEJO ST	FILLMORE ST
2	MASONIC AVE	GOLDEN GATE AVE
2	SCOTT ST	BROADWAY
2	CLAY ST	CHERRY ST
2	CLEMENT ST	ARGUELLO BLVD
2	EUCLID AVE	ARGUELLO BLVD
2	WEBSTER ST	GREENWICH ST
2	PACIFIC AVE	DIVISADERO ST
2	POLK ST	NORTH POINT ST
2	SACRAMENTO ST	CHERRY ST
2	JACKSON ST	BAKER ST
2	TERRA VISTA AVE	ANZAVISTA AVE
2	NORTH POINT ST	DIVISADERO ST
2	JACKSON ST	DIVISADERO ST
2		FRANCISCO ST
2	DIVISADERO ST	BEACH ST
2	OFARRELL ST	ANZAVISTA AVE
2	SCOTT ST	NORTH POINT ST
2	LYON ST	JACKSON ST
3	VALLEJO ST	BARTOL ST
3	STONE ST	JACKSON ST
3	VALLEJO ST	MONTGOMERY ST
3	REDFIELD ALY	FILBERT ST
3	VALLEJO ST	TURK MURPHY LN
3	POLK ST	AUSTIN ST
3	KEARNY ST	FILBERT ST
3	PINE ST	GRANT AVE
3	PARKHURST ALY	CLAY ST
3	VAN NESS AVE	BROADWAY
3	LOMBARD ST	LEAVENWORTH ST
3	STOCKTON ST	CLAY ST
3	VALPARAISO ST	JONES ST
3	STOCKTON ST	GREENWICH ST
3	SACRAMENTO ST	JONES ST
3	STOCKTON ST	EMMA ST
3		PINE ST
	POLK ST	-
3	LURMONT TER	LEAVENWORTH ST
3	CHATHAM PL	BUSH ST
3	JONES ST	CALIFORNIA ST
3	GENOA PL	FILBERT ST
3	TAYLOR ST	FALLON PL
3	SANSOME ST	BROADWAY
3	GREENWICH ST	BRANT ALY
3	VALLEJO ST	MASON ST
3	VALLEJO ST	SANSOME ST
3	LOMBARD ST	JONES ST

3	KEARNY ST	GREENWICH ST
3	MONTGOMERY ST	MERCHANT ST
3	JACKSON ST	HYDE ST
3	VARENNES ST	FILBERT ST
3		FRANCISCO ST
3		BROADWAY
3	MONTGOMERY ST	CLAY ST
3	VALLEJO ST	POWELL ST
3	VANDEWATER ST	POWELL ST
3		PACIFIC AVE
3	TURK MURPHY LN	BROADWAY
3	TAYLOR ST	SACRAMENTO ST
3	TAYLOR ST	FILBERT ST
3	POWELL ST	CHESTNUT ST
3	GREENWICH ST	CHILD ST
3	WASHINGTON ST	HYDE ST
3	STOCKTON ST	BUSH ST
3	LEAVENWORTH ST	GREENWICH ST
3	JOICE ST	CLAY ST
3	VALLEJO ST	HODGES ALY
3	WASHINGTON ST	STONE ST
3	WASHINGTON ST	LARKIN ST
3	JONES ST	GREENWICH ST
3	VALLEJO ST	PRESCOTT CT
3	POWELL ST	GREENWICH ST
3	POWELL ST	FILBERT ST
3	STOCKTON ST	PINE ST
3	JONES ST	FILBERT ST
3	MERCHANT ST	KEARNY ST
4	PACHECO ST	37TH AVE
4	MIDDLEFIELD DR	GELLERT DR
4	ORTEGA ST	40TH AVE
4	RIVERA ST	24TH AVE
4	VICENTE ST	40TH AVE
4	MORAGA ST	38TH AVE
4	RIVERA ST	38TH AVE
4	SANTIAGO ST	22ND AVE
4	MORAGA ST	37TH AVE
4	KIRKHAM ST	42ND AVE
4	PACHECO ST	21ST AVE
4	RIVERA ST	22ND AVE
4	MIDDLEFIELD DR	EUCALYPTUS DR
4	QUINTARA ST	22ND AVE
4	SANTIAGO ST	42ND AVE
4	ORTEGA ST	39TH AVE
4	FOREST VIEW DR	EUCALYPTUS DR
4	MEADOWBROOK DR	EUCALYPTUS DR
4	QUINTARA ST	34TH AVE
-		

4	NORIEGA ST	37TH AVE
4	IRVING ST	25TH AVE
4	MELBA AVE	EUCALYPTUS DR
4	MIDDLEFIELD DR	LAKE MERCED BLVD
4	NORIEGA ST	44TH AVE
4	JUDAH ST	25TH AVE
4	LAWTON ST	39TH AVE
4	QUINTARA ST	35TH AVE
4	MORAGA ST	44TH AVE
4	QUINTARA ST	39TH AVE
4	EUCALYPTUS DR	22ND AVE
4	PACHECO ST	20TH AVE
4	VICENTE ST	24TH AVE
4	NORIEGA ST	38TH AVE
4	QUINTARA ST	23RD AVE
4	QUINTARA ST	24TH AVE
4	INVERNESS DR	EUCALYPTUS DR
4	TARAVAL ST	41ST AVE
4	WAWONA ST	42ND AVE
4	PACHECO ST	22ND AVE
4	LAWTON ST	40TH AVE
4	IRVING ST	24TH AVE
4	VICENTE ST	25TH AVE
4	ORTEGA ST	37TH AVE
4	PACHECO ST	35TH AVE
4	MORAGA ST	45TH AVE
4	RIVERA ST	39TH AVE
4	SYLVAN DR	EUCALYPTUS DR
4	TARAVAL ST	42ND AVE
4	WAWONA ST	41ST AVE
4	ULLOA ST	40TH AVE
4	ORTEGA ST	38TH AVE
4	QUINTARA ST	37TH AVE
4	VICENTE ST	42ND AVE
4	QUINTARA ST	21ST AVE
4	SANTIAGO ST	41ST AVE
4	KIRKHAM ST	43RD AVE
4	PACHECO ST	41ST AVE
4	EUCALYPTUS DR	25TH AVE
4	ORTEGA ST	41ST AVE
4	LAWTON ST	42ND AVE
4	ORTEGA ST	20TH AVE
4	PACHECO ST	34TH AVE
5	PIERCE ST	ELM ST
5	SCOTT ST	ELLIS ST
5	OAK ST	GOUGH ST
5	WEBSTER ST	OAK ST
5	ROSE ST	BUCHANAN ST

5	SCOTT ST	GOLDEN GATE AVE
5	WILMOT ST	STEINER ST
5	OFARRELL ST	HOLLIS ST
5	POLK ST	ELM ST
5	PIERCE ST	HAYES ST
5	WALLER ST	ASHBURY ST
5	PIERCE ST	OFARRELL ST
5	OAK ST	FILLMORE ST
5	GROVE ST	CLAYTON ST
5	OAK ST	BUCHANAN ST
5	SUTTER ST	OCTAVIA ST
5	EARL GAGE JR ST	BUCHANAN ST
5	HAYES ST	CLAYTON ST
5	LILY ST	BUCHANAN ST
5	VAN NESS AVE	ELM ST
5	ROSE ST	LAGUNA ST
5	PINE ST	OCTAVIA ST
5	SCOTT ST	ELM ST
5	TURK ST	POLK ST
5	HOLLIS ST	ELLIS ST
5	STEINER ST	HAYES ST
5	VAN NESS AVE	TURK ST
5	PINE ST	LAGUNA ST
5	ZAMPA LN	GEARY BLVD
5	OAK ST	ASHBURY ST
5	WALLER ST	DOWNEY ST
5	HAYES ST	COLE ST
5	JONES ST	EDDY ST
5	GEARY BLVD	BUCHANAN ST
5	WAGNER ALY	EDDY ST
5	GROVE ST	COLE ST
5	OCTAVIA ST	AUSTIN ST
5	QUICKSTEP LN	ELLIS ST
5	WEBSTER ST	HICKORY ST
5	ELLIS ST	BEIDEMAN ST
5	PIERCE ST	GOLDEN GATE AVE
6	HICKORY ST	FRANKLIN ST
6	FOLSOM ST	11TH ST
6	CLEVELAND ST	7TH ST
6	SHERMAN ST	CLEVELAND ST
6	AVENUE E	13TH TI ST
6	HARRISON ST	7TH ST
6	JUNIPER ST	FOLSOM ST
6	GATEVIEW AVE	13TH TI ST
6	OAK ST	FRANKLIN ST
7	LURLINE ST	FUNSTON AVE
7	WESTGATE DR	KENWOOD WAY
7	VERDUN WAY	CLAREMONT BLVD

7	VERDUN WAY	LENOX WAY
, 7	SAN FERNANDO WAY	
, 7	STONECREST DR	
, 7	CHURCH PARKING LOT	
, 7		19TH AVE
, 7	ROSSMOOR DR	ELMHURST DR
7 7		AVOCA ALY
, 7		BELLA VISTA WAY
7 7	- \	COLON AVE
, 7	WEST PORTAL AVE	15TH AVE
7 7	TARAVAL ST	12TH AVE
7 7	MAGELLAN AVE	12TH AVE
7 7		FLOOD AVE
7 7		
		CLARENDON AVE
7		
7		CHURCH PARKING LOT
7		EDNA ST
7		LAGUNA HONDA BLVD
7		SAN FRANCISCO GOLF CLUB RD
7		14TH AVE
7	VICENTE ST	17TH AVE
7		LAGUNA HONDA BLVD
7		PLYMOUTH AVE
7	OAK PARK DR	CLARENDON AVE
7	WOODSIDE AVE	VASQUEZ AVE
7	IRVING ST	18TH AVE
7	SAN RAFAEL WAY	DARIEN WAY
7	TARAVAL ST	CLAREMONT BLVD
7	SYDNEY WAY	FOWLER AVE
7	IRVING ST	6TH AVE
7	ULLOA ST	18TH AVE
7	12TH AVE	END: 1-49 BLOCK
7	WARREN DR	ASHWOOD LN
7	OCEAN AVE	EUCALYPTUS DR
7	SLOAT BLVD	CRANLEIGH DR
7	WINSTON DR	LAKE MERCED BLVD
7	ROCKDALE DR	OMAR WAY
7	HAZELWOOD AVE	GREENWOOD AVE
7	CLARENDON AVE	ASHWOOD LN
7	FLOOD AVE	EDNA ST
7	OMAR WAY	MYRA WAY
7	SEQUOIA WAY	OMAR WAY
7	UPLAND DR	APTOS AVE
7	GLADIOLUS LN	ELMHURST DR
7	WAITHMAN WAY	PORTOLA DR
7	SAN FERNANDO WAY	OCEAN AVE
7	RIVERA ST	14TH AVE
7	SLOAT BLVD	ARDENWOOD WAY

7	JUDAH ST	6TH AVE
, 7	VALDEZ AVE	GREENWOOD AVE
7		
7		FOERSTER ST
7	SLOAT BLVD	BEACHMONT DR
7	JUNIPERO SERRA BLVD	
7	IRVING ST	14TH AVE
7	TARAVAL ST	FUNSTON AVE
7	JUDSON AVE	HAZELWOOD AVE
7	UPLAND DR	SAN ALESO AVE
7	SLOAT BLVD	AVON WAY
7	IRVING ST	17TH AVE
7	TARAVAL ST	LENOX WAY
7	ROSSMOOR DR	19TH AVE
7	ULLOA ST	17TH AVE
7	KIRKHAM ST	12TH AVE
7	TAPIA DR	ARBALLO DR
7	JOOST AVE	BROMPTON AVE
7	BELLA VISTA WAY	AVOCA ALY
7	IRVING ST	7TH AVE
7	WARREN DR	OAK PARK DR
7	CLAREMONT BLVD	ALLSTON WAY
7	CHURCH PARKING LOT	CHURCH ACCESS RD
7	CHURCH PARKING LOT	
7	SANTIAGO ST	14TH AVE
7	IRVING ST	FUNSTON AVE
7	VICENTE ST	18TH AVE
7	JUDAH ST	7TH AVE
, 7	JUDAH ST	FUNSTON AVE
7	ROSSMOOR DR	JUNIPERO SERRA BLVD
, 7	SLOAT BLVD	LAGUNITAS DR
, 7	PORTOLA DR	LAGUNA HONDA BLVD
, 7	ROSSMOOR DR	ELMHURST DR
, 7	WESTGATE DR	UPLAND DR
, 7	PORTOLA DR	DEL SUR AVE
7 7	OAK PARK DR	FOREST KNOLLS DR
7	DORCAS WAY	BELLA VISTA WAY
7 7	ULLOA ST	SYDNEY WAY
7	STONECREST DR	JUNIPERO SERRA BLVD
7		FRIDA KAHLO WAY
8	HAMERTON AVE	BOSWORTH ST
8	NOE ST	30TH ST
8	VICKSBURG ST	22ND ST
8	COLE ST	ALMA ST
8	DOUGLASS ST	ALVARADO ST
8	NOE ST	DAY ST
8	DOUGLASS ST	22ND ST
8	SHRADER ST	GRATTAN ST

8	SANCHEZ ST	22ND ST
8	FREDERICK ST	ASHBURY ST
8	CUVIER ST	BOSWORTH ST
8	DIAMOND ST	20TH ST
8	SHARON ST	16TH ST
8	IRON ALY	CORBETT AVE
8	CHENERY ST	30TH ST
8	RANDALL ST	CHENERY ST
8	GRAYSTONE TER	COPPER ALY
8	DIXIE ALY	BURNETT AVE
8	ELIZABETH ST	CASTRO ST
8	SANCHEZ ST	29TH ST
8	TURQUOISE WAY	QUARTZ WAY
8	TWIN PEAKS BLVD	PORTOLA DR
8	PEARL ST	MARKET ST
8	CASTRO ST	25TH ST
8	EUREKA ST	23RD ST
8	CHILTON AVE	BOSWORTH ST
8	MIRANDO WAY	CUVIER ST
8	SANCHEZ ST	HILL ST
8	CASTRO ST	24TH ST
8	WALLER ST	CENTRAL AVE
8	CHENERY ST	BURNSIDE AVE
8	EUREKA ST	22ND ST
8	NOE ST	CLIPPER ST
8	COLLINGWOOD ST	20TH ST
8	RANDALL ST	ARLINGTON ST
8	FAIR OAKS ST	22ND ST
8	NOE ST	25TH ST
8	COLLINGWOOD ST	18TH ST
8	OCTAVIA ST	MARKET ST
8	FREDERICK ST	DOWNEY ST
8	ELIZABETH ST	DIAMOND ST
8	SAN JOSE AVE	26TH ST
8	HILL ST	CHURCH ST
8	DOLORES ST	CHULA LN
8	CHURCH ST	CHULA LN
8	SAN JOSE AVE	RANDALL ST
8	DIAMOND ST	
		19TH ST
8	TURQUOISE WAY	AMETHYST WAY
8	DOUGLASS ST	23RD ST
8	LAIDLEY ST	30TH ST
8	VALLEY ST	CHURCH ST
8	ROOSEVELT WAY	14TH ST
8	COLLINGWOOD ST	19TH ST
8	DOLORES ST	22ND ST
8	FAIR OAKS ST	25TH ST
8	CHULA LN	ABBEY ST

-		
8	SAN JOSE AVE	JURI ST
8	PORTOLA DR	GLENVIEW DR
8	VALLEY ST	SANCHEZ ST
8	CHURCH ST	29TH ST
8	MORGAN ALY	CORBETT AVE
8	IRON ALY	GRAYSTONE TER
8	DOLORES ST	30TH ST
8	MARSILY ST	BOSWORTH ST
8	SAN JOSE AVE	25TH ST
8	CHATTANOOGA ST	22ND ST
8	HARLOW ST	16TH ST
8	ROMAIN ST	CORBETT AVE
8	GARDENSIDE DR	BURNETT AVE
8	DIXIE ALY	CORBETT AVE
8	CORBETT AVE	COPPER ALY
8	LAGUNA ST	HAIGHT ST
8		
	DEHON ST	16TH ST
8	GUERRERO ST	16TH ST
8	LANDERS ST	16TH ST
8	QUANE ST	22ND ST
9	GAVEN ST	BOYLSTON ST
9	WAYLAND ST	SOMERSET ST
9	SOUTH VAN NESS AVE	18TH ST
9	BRYANT ST	22ND ST
9	OGDEN AVE	BANKS ST
9	SILVER AVE	AMHERST ST
9	PATTON ST	HIGHLAND AVE
9	SANTA MARINA ST	GLADYS ST
9	WAYLAND ST	HOLYOKE ST
9	CAMBRIDGE ST	BACON ST
9	PATTON ST	APPLETON AVE
9	FLORIDA ST	25TH ST
9	SILLIMAN ST	CAMBRIDGE ST
9	WOOLSEY ST	GOETTINGEN ST
9	SHOTWELL ST	18TH ST
9	SANTA MARINA ST	ELSIE ST
9	MINNA ST	15TH ST
9	TREAT AVE	MISTRAL ST
9	SHOTWELL ST	23RD ST
9	TULANE ST	PRINCETON ST
9	FLORIDA ST	24TH ST
9	HWY 101 S OFF RAMP	ANDREW ST
9	SOMERSET ST	BACON ST
9	SANTA MARINA ST	PROSPECT AVE
9	CAPP ST	16TH ST
9	STONEMAN ST	FOLSOM ST
9	HOLYOKE ST	DWIGHT ST
9	VALENCIA ST	DUBOCE AVE

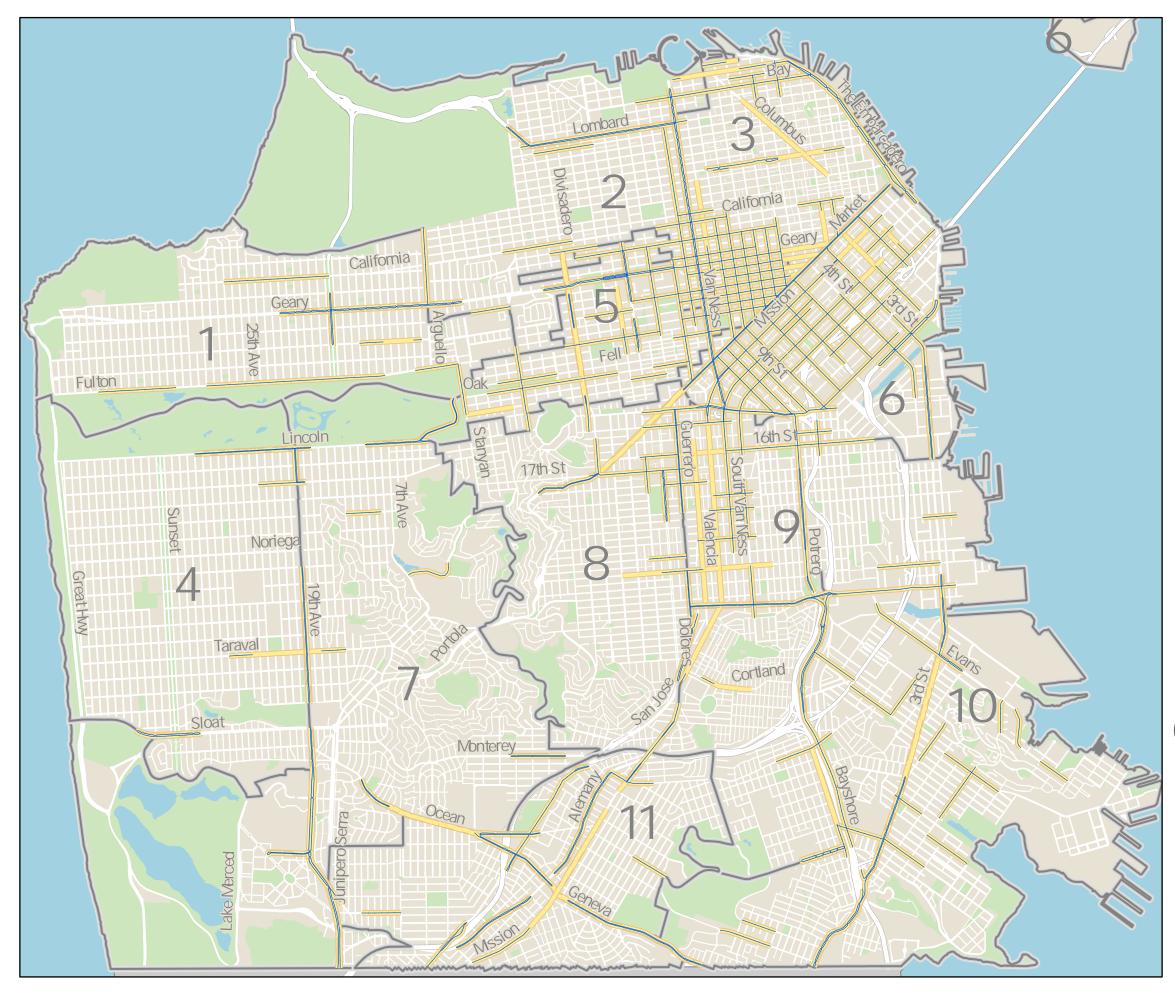
9	SHOTWELL ST	PRECITA AVE
9	HOLLY PARK CIR	APPLETON AVE
9	MISTRAL ST	HARRISON ST
9	WOOLSEY ST	SOMERSET ST
9	GAVEN ST	BOWDOIN ST
9	OSAGE ALY	25TH ST
9	CAPP ST	ADAIR ST
9	YALE ST	SILLIMAN ST
9	SILVER AVE	CAMBRIDGE ST
9	CAMBRIDGE ST	BURROWS ST
9	ALABAMA ST	25TH ST
9	YALE ST	SILVER AVE
9		AMHERST ST
9	OSAGE ALY	26TH ST
9	MISSION ST	15TH ST
9	HOLLY PARK CIR	HIGHLAND AVE
9	HAMILTON ST	DWIGHT ST
9	GUERRERO ST	CLINTON PARK
9	GLADYS ST	APPLETON AVE
9	UTAH ST	25TH ST
9	HARRISON ST	CESAR CHAVEZ ST
9	SOMERSET ST	KAREN CT
9	HWY 101 S OFF RAMP	ANDREW ST
9	CAPP ST	23RD ST
9	GIRARD ST	BURROWS ST
9	TREAT AVE	PRECITA AVE
9	SOUTH VAN NESS AVE	23RD ST
9	ORANGE ALY	25TH ST
9	FELTON ST	CAMBRIDGE ST
9	VALENCIA ST	BROSNAN ST
9	SOUTH VAN NESS AVE	24TH ST
9	SOUTH VAN NESS AVE	17TH ST
9	OLMSTEAD ST	BOWDOIN ST
9	MISSION ST	26TH ST
9	BURROWS ST	AMHERST ST
9	BACON ST	AMHERST ST
9	PRENTISS ST	OGDEN AVE
9	PRECITA AVE	HARRISON ST
9	MANSELL ST	BOWDOIN ST
9	GOETTINGEN ST	BACON ST
9	CAPP ST	16TH ST
9	DWIGHT ST	BOWDOIN ST
9	BURROWS ST	BRUSSELS ST
9	YALE ST	FELTON ST
9	PIOCHE ST	CAMBRIDGE ST
9	MISSION ST	25TH ST
9	OLMSTEAD ST	GOETTINGEN ST
9	GAISER CT	START: 1-99 BLOCK

9	FOLSOM ST	CESAR CHAVEZ ST
9	SOMERSET ST	BURROWS ST
9	BARTLETT ST	23RD ST
9	BARTLETT ST	22ND ST
9	SWEENY ST	PRINCETON ST
9	SWEENY ST	CAMBRIDGE ST
10	TOMASO CT	CORA ST
10	ELLIOT ST	CAMPBELL AVE
10	SILVER AVE	CONKLING ST
10	INGERSON AVE	GILROY ST
10	WILLIE B KENNEDY DR	GARNETT TER
10	INGALLS ST	HARBOR RD
10	MANSELL ST	BRAZIL AVE
10	SHAFTER AVE	SELBY ST
10	WILDE AVE	DELTA ST
10	GILMAN AVE	ARELIOUS WALKER DR
10	SAN BRUNO AVE	25TH ST
10	WISCONSIN ST	CAROLINA ST
10	RAYMOND AVE	ELLIOT ST
10	WISCONSIN ST	23RD ST
10	MISSOURI ST	19TH ST
10	POMONA ST	BAY VIEW ST
10	FLORA ST	BAY VIEW ST
10	SCHWERIN ST	LELAND AVE
10	SELBY ST	HELENA ST
10	SUNNYDALE AVE	SUNNYDALE AVE
10	NEWCOMB AVE	MENDELL ST
10	CORAL RD	CAROLINA ST
10	QUESADA AVE	KEITH ST
10	SAWYER ST	RAYMOND AVE
10	LELAND AVE	DELTA ST
10	YELLOW CAB ACCESS ROAD	
10	GILMAN AVE	GIANTS DR
10	SELBY ST	REVERE AVE
10	INGERSON AVE	GRIFFITH ST
10	ΤΟΡΕΚΑ ΑΥΕ	SILVER AVE
10	SILVER AVE	SANTA FE AVE
10	SUNNYDALE AVE	RUTLAND ST
10	TEXAS ST	20TH ST
10	NEWCOMB AVE	KEITH ST
10	INGERSON AVE	HAWES ST
10	HOLLISTER AVE	HAWES ST
10	MISSOURI ST	20TH ST
10	CAROLINA ST	19TH ST
10	WATERVILLE ST	CONKLING ST
10	VISITACION AVE	DELTA ST
10	KANSAS ST	18TH ST
10	TEXAS ST	19TH ST
-		-

10		10ТЦ СТ
		18TH ST
10	WILLIE B KENNEDY DR	HUDSON AVE
10	MARIPOSA ST	CAROLINA ST JAMESTOWN AVE
10	JENNINGS ST	
10	GARLINGTON CT	COMMER CT
10		SELBY ST
10	OAKDALE AVE	MENDELL ST
10		KEITH ST
10		MANSELL ST
10	WILDE AVE	ERVINE ST
10	OSCEOLA LN	LA SALLE AVE
10	CORAL RD	CAROLINA ST
10	SUNNYDALE AVE	PEABODY ST
10	WHITNEY YOUNG CIR	HUDSON AVE
10	DE HARO ST	19TH ST
10	SANTOS ST	BROOKDALE AVE
10	OSCEOLA LN	LA SALLE AVE
10	REVERE AVE	RANKIN ST
10	BROOKDALE AVE	BLYTHDALE AVE
10	HARKNESS AVE	DELTA ST
10	INGERSON AVE	GIANTS DR
10	DE HARO ST	18TH ST
10	NEWCOMB AVE	LA SALLE AVE
10	LILLIAN ST	BEATRICE LN
10	CAROLINA ST	CAROLINA ST
10	KANSAS ST	19TH ST
10	GRIFFITH ST	GILMAN AVE
10	REVERE AVE	KEITH ST
10	HAMILTON ST	DELTA ST
10	TEDDY AVE	ELLIOT ST
10	KEY AVE	JENNINGS ST
10	MANSELL ST	DARTMOUTH ST
10	THORNTON AVE	FLORA ST
10	LA SALLE AVE	GARLINGTON CT
10	THORNTON AVE	POMONA ST
10	ELLIOT ST	ARLETA AVE
10	WHITNEY YOUNG CIR	NEWCOMB AVE
10	CAMPBELL AVE	CAMPBELL AVE
10	THORNTON AVE	CERES ST
10	WISCONSIN ST	CONNECTICUT ST
10	INGERSON AVE	CORONADO ST
10	CAROLINA ST	18TH ST
11	ROEMER WAY	BRUNSWICK ST
11	FARALLONES ST	CAPITOL AVE
11	OTSEGO AVE	ONEIDA AVE
11	EDGAR AVE	BRUCE AVE
11	WINDING WAY	NAYLOR ST
11	SARGENT ST	ARCH ST

11	VICTORIA ST	SARGENT ST
11	WHITTIER ST	CASSANDRA CT
11	PARIS ST	AVALON AVE
11	MORSE ST	LOWELL ST
11	VERNON ST	SARGENT ST
11	ONEIDA AVE	CAYUGA AVE
11		EXCELSIOR AVE
11		
	WHITTIER ST	BRUNSWICK ST RAMSELL ST
11	SARGENT ST	
11	LA GRANDE AVE	BRAZIL AVE
11	PRAGUE ST	NAYLOR ST
11	PLYMOUTH AVE	BROAD ST
11	SENECA AVE	DELANO AVE
11	MISSION ST	FRANCIS ST
11	ONONDAGA AVE	CAYUGA AVE
11	MOSCOW ST	BRAZIL AVE
11	LOWELL ST	BRUNSWICK ST
11	SANTA ROSA AVE	MISSION ST
11	WANDA ST	ONONDAGA AVE
11	VERNON ST	SHIELDS ST
11	VIENNA ST	AMAZON AVE
11	OTSEGO AVE	ONONDAGA AVE
11	MADRID ST	EXCELSIOR AVE
11	WHIPPLE ST	MORSE ST
11	DE MONTFORT AVE	ASHTON AVE
11	NIAGARA AVE	EDGAR AVE
11	CUVIER ST	CAYUGA AVE
11	TARA ST	START: 1-99 BLOCK
11	NIAGARA AVE	HOWTH ST
11	WINDING WAY	CORDOVA ST
11	WHITTIER ST	CRESCIO CT
11	PICO AVE	ASHTON AVE
11	JULES AVE	DE MONTFORT AVE
11	NAPLES ST	ITALY AVE
11	BRAZIL AVE	MID:BLOCK
11	BRAZIL AVE	ATHENS ST
11	SHIELDS ST	RAMSELL ST
11	NAPLES ST	AMAZON AVE
11	PLYMOUTH AVE	FARALLONES ST
11	WILLIAR AVE	NIAGARA AVE
11	ONEIDA AVE	DELANO AVE
11	CAYUGA AVE	BALHI CT
11	SHIELDS ST	ARCH ST
11	LISBON ST	AVALON AVE
11	MADRID ST	AVALON AVE
11	JUNIOR TER	CAYUGA AVE
11	PARIS ST	EXCELSIOR AVE
11	PRAGUE ST	CORDOVA ST

11	LONDON ST	AVALON AVE
11	LA GRANDE AVE	DUBLIN ST
11	VICTORIA ST	SHIELDS ST
11	SUNBEAM LN	CAYUGA AVE
11	SENECA AVE	CAYUGA AVE



Potential Speed Limit Reduction

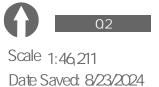
Eligible streets for potential speed limit reduction

August 2024

Street segments in San Francisco that may be eligible for potential speed limit reduction using resources from this funding request. Qualifying street segments are safety corridors, located on the Vision Zero High Injury Network. Street segments excluded include prior speed limit reduction in business activity districts.

LEGEND

- Eligible speed safety corridors
- Vision Zero High Injury Network
- Supervisor districts



miles

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Potential Speed Limit Reduction Locations

District	Street Name	From	То
1	BALBOA ST	02ND AVE	03RD AVE
1	BALBOA ST	07TH AVE	10TH AVE
1		PARK PRESIDIO BLVD	
1		STANYAN ST	03RD AVE
1		07TH AVE	30TH AVE
1	FULTON ST		44TH AVE
1		ARGUELLO BLVD	20TH AVE
1	PARK PRESIDIO BLVD		BALBOA ST
1		FULTON ST	HAYES ST
	ANZA ST	MASONIC AVE	SPRUCE ST
-	ARGUELLO BLVD		GEARY BLVD
1/2			FULTON ST
1/5		HAYES ST	OAK ACCESS RD
2	BAY ST	HYDE ST	OCTAVIA ST
2		POLK ST	BEACH ST
2	BUSH ST	VAN NESS AVE	GOUGH ST
2	CALIFORNIA ST		WALNUT ST
2	CALIFORNIA ST		OCTAVIA ST
2	EDDY ST	VAN NESS AVE	GOUGH ST
2	FRANKLIN ST		
2	GEARY BLVD		ARGUELLO BLVD
2			BAKER ST
2	GEARY BLVD	DIVISADERO ST GEARY BLVD	GEARY BLVD
2			
2	GOUGH ST	EDDY ST	POST ST
	GREENWICH ST		BRODERICK ST
2	LOMBARD ST		BAKER ST
2			
2		SCOTT ST	BRODERICK ST
2			GOUGH ST
2	RICHARDSON AVE		HWY 101 NORTHBOUND
2	SACRAMENTO ST		FRANKLIN ST
2	TURK ST		GOUGH ST
2	VAN NESS AVE	CHESTNUT ST	NORTH POINT ST
2/3	VAN NESS AVE	GEARY BLVD	CHESTNUT ST
2/5	BUSH ST	STEINER ST	SCOTT ST
2/5	BUSH ST	GOUGH ST	OCTAVIA ST
2/5	EDDY ST	GOUGH ST	LAGUNA ST
2/5	GOUGH ST	GOLDEN GATE AVE	EDDY ST
2/5	LAGUNA ST	EDDY ST	POST ST
2/5	PINE ST	STEINER ST	SCOTT ST
2/5	VAN NESS AVE	GOLDEN GATE AVE	GEARY BLVD
3	BAY ST	THE EMBARCADERO	HYDE ST
3	BEACH ST	GRANT AVE	TAYLOR ST
3	BROADWAY	POWELL ST	LARKIN ST
3	BROADWAY	BATTERY ST	MONTGOMERY ST

2		MACONCT	
3	BUSH ST	MASON ST	VAN NESS AVE
3	CALIFORNIA ST	HYDE ST	VAN NESS AVE
3	CALIFORNIA ST	SANSOME ST	STOCKTON ST
3	EDDY ST	CYRIL MAGNIN ST	MASON ST
3	GEARY ST	MASON ST	TAYLOR ST
3	HYDE ST	GEARY ST	SACRAMENTO ST
3	JEFFERSON ST	JONES ST	HYDE ST
3	JONES ST	GEARY ST	BUSH ST
3	KEARNY ST	PINE ST	CALIFORNIA ST
3	LARKIN ST	GEARY ST	CALIFORNIA ST
3	LEAVENWORTH ST	GEARY ST	BUSH ST
3	LOMBARD ST	POLK ST	VAN NESS AVE
3	MASON ST	LOMBARD ST	NORTH POINT ST
3	MASON ST	OFARRELL ST	PINE ST
3	MONTGOMERY ST	MARKET ST	CALIFORNIA ST
3	NORTH POINT ST	POWELL ST	JONES ST
3	POLK ST	GEARY ST	SUTTER ST
3	POST ST	JONES ST	VAN NESS AVE
3	SACRAMENTO ST	LARKIN ST	VAN NESS AVE
3	STOCKTON ST	CHESTNUT ST	STOCKTON ST
3	TAYLOR ST	GEARY ST	BUSH ST
3	THE EMBARCADERO	MISSION ST	BEACH ST
3/5	GEARY ST	TAYLOR ST	GEARY BLVD
3/5	MASON ST	MARKET ST	ELLIS ST
3/5	OFARRELL ST	MASON ST	TAYLOR ST
3/5	TAYLOR ST	OFARRELL ST	GEARY ST
3/6	MARKET ST	STEUART ST	MASON ST
4	JUDAH ST	19TH AVE	24TH AVE
4	LINCOLN WAY	19TH AVE	32ND AVE
4	SLOAT BLVD	LAKESHORE PLZ	39TH AVE
4	TARAVAL ST	26TH AVE	29TH AVE
4/7	19TH AVE	CROSSOVER DR	JUDAH ST
4/7	19TH AVE	ORTEGA ST	WAWONA ST
4/7	19TH AVE	SLOAT BLVD	WINSTON DR
4/7	SLOAT BLVD	39TH AVE	41ST AVE
5	BUSH ST	Οςτανία st	STEINER ST
5	DIVISADERO ST	GOLDEN GATE AVE	OFARRELL ST
5	DIVISADERO ST	CASTRO ST	HAIGHT ST
5	EDDY ST	LAGUNA ST	WEBSTER ST
5	EDDY ST	MASON ST	VAN NESS AVE
5	ELLIS ST	MASON ST	LARKIN ST
5	FELL ST	BAKER ST	CLAYTON ST
5	FILLMORE ST	HAYES ST	MCALLISTER ST
5	FRANKLIN ST	FULTON ST	GOLDEN GATE AVE
5	FULTON ST	LAGUNA ST	BRODERICK ST
5	GEARY BLVD	LAGUNA ST	DIVISADERO ST
5	GOLDEN GATE AVE	06TH ST	POLK ST
5	GOUGH ST	LILY ST	GOLDEN GATE AVE
-	2000.101	_ . _ .	

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5	GROVE ST	DR CARLTON B GOODLETT PL	
5	HYDE ST	08TH ST	GEARY ST
5	JONES ST	MARKET ST	GEARY ST
5	LAGUNA ST		BUSH ST
5	LAGUNA ST	BIRCH ST	EDDY ST
5	LARKIN ST	GROVE ST	GEARY ST
5	LEAVENWORTH ST	UNITED NATIONS PLZ	GEARY ST
5	MASON ST	ELLIS ST	OFARRELL ST
5	MASONIC AVE	FULTON ST	WALLER ST
5	MCALLISTER ST	MARKET ST	GOUGH ST
5	OAK ST	STEINER ST	COLE ST
5	OAK ST	GOUGH ST	BUCHANAN ST
5	OFARRELL ST	TAYLOR ST	VAN NESS AVE
5	PAGE ST	LAGUNA ST	FILLMORE ST
5	POLK ST	DR CARLTON B GOODLETT PL	GEARY ST
5	STANYAN ST	OAK ACCESS RD	HAIGHT ST
5	TAYLOR ST	06TH ST	OFARRELL ST
5	VAN NESS AVE	GROVE ST	GOLDEN GATE AVE
5	WEBSTER ST	EDDY ST	PINE ST
5	WEBSTER ST	MARKET ST	GOLDEN GATE AVE
5/6	MARKET ST	TURK ST	08TH ST
5/6	VAN NESS AVE	FELL ST	GROVE ST
5/7	KEZAR DR	JOHN F KENNEDY DR	03RD AVE
5/7	LINCOLN WAY	02ND AVE	04TH AVE
-	MASONIC AVE		FREDERICK ST
5/8 6		WALLER ST	
6	01ST ST	MARKET ST	01ST ST
6	02ND ST	FOLSOM ST	TOWNSEND ST
6	03RD ST	MARKET ST	
6	04TH ST	CLEMENTINA ST	MISSION BAY BLVD NORTH
6	05TH ST	MARKET ST	TOWNSEND ST
6	06TH ST	MARKET ST	BRANNAN ST
6	07TH ST	MARKET ST	TOWNSEND ST
6	08TH ST	MARKET ST	DIVISADERO ST
6	09TH ST	MARKET ST	DIVISADERO ST
6	10TH ST	MARKET ST	BRANNAN ST
6	11TH ST	MARKET ST	BRYANT ST
6	13TH ST	BRYANT ST	HARRISON ST
6	15TH ST	RHODE ISLAND ST	POTRERO AVE
6	BRYANT ST	02ND ST	HARRIET ST
6	DIVISION ST	DE HARO ST	10TH ST
6	FOLSOM ST	03RD ST	MABINI ST
6	FOLSOM ST	04TH ST	HOWARD ST
6	FREMONT ST	FOLSOM ST	HARRISON ST
6	GOUGH ST	MARKET ST	LILY ST
6	HARRISON ST	THE EMBARCADERO	08TH ST
6	KING ST	THE EMBARCADERO	05TH ST
6	LARKIN ST	09TH ST	GROVE ST
6	MARKET ST	01ST ST	HWY 101 NORTHBOUND
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6	MISSION ST	BEALE ST	01ST ST
6	MISSION ST	03RD ST	13TH ST
6	NATOMA ST	05TH ST	07TH ST
6	SOUTH VAN NESS AVE		13TH ST
6	THE EMBARCADERO		MISSION ST
6	TOWNSEND ST	CLYDE ST	DIVISION ST
	VAN NESS AVE		
6 6	VAN NESS AVE VERMONT ST	MARKET ST	FELL ST
6 C (10		ALAMEDA ST	16TH ST POTRERO AVE
6/10	16TH ST		
6/9	13TH ST	HARRISON ST	OTIS ST
6/9	DIVISION ST	10TH ST	11TH ST
6/9	DUBOCE AVE	13TH ST	STEVENSON ST
6/9	POTRERO AVE	10TH ST	16TH ST
7	19TH AVE	WINSTON DR	JUNIPERO SERRA BLVD
7	CLARENDON AVE		LAGUNA HONDA BLVD
7	HOLLOWAY AVE		FONT BLVD
7		18TH AVE	19TH AVE
7		JUNIPERO SERRA BLVD ON RAMP	
7	LAWTON ST	AUTO DR	FUNSTON AVE
7	LINCOLN WAY	17TH AVE	19TH AVE
7	LINCOLN WAY	04TH AVE	10TH AVE
7	MONTEREY BLVD	BADEN ST	EDNA ST
7	OCEAN AVE	VICTORIA ST	SAN BENITO WAY
7	TARAVAL ST	14TH AVE	17TH AVE
7/11	JUNIPERO SERRA BLVD	19TH AVE	JUNIPERO SERRA BLVD OFF RAMP
7/11	OCEAN AVE	I-280 N ON RAMP	GENEVA AVE
8	14TH ST	GUERRERO ST	CHURCH ST
8	16TH ST	GUERRERO ST	HARLOW ST
8	17TH ST	GUERRERO ST	17TH ST
8	18TH ST	GUERRERO ST	DOLORES ST
8	23RD ST	GUERRERO ST	NELLIE ST
8	24TH ST	GUERRERO ST	CHATTANOOGA ST
8	CASTRO ST	HENRY ST	17TH ST
8	CHURCH ST	16TH ST	HANCOCK ST
8	DIVISADERO ST	14TH ST	CASTRO ST
8	DOLORES ST	17TH ST	LIBERTY ST
8	DUBOCE AVE	GUERRERO ST	CHURCH ST
8	GUERRERO ST	24TH ST	CESAR CHAVEZ ST
8	MARKET ST	17TH ST	DANVERS ST
8/9	24TH ST	VALENCIA ST	GUERRERO ST
8/9	CESAR CHAVEZ ST	VALENCIA ST	GUERRERO ST
, 8/9	DUBOCE AVE	VALENCIA ST	GUERRERO ST
, 8/9	GUERRERO ST	DUBOCE AVE	DUNCAN ST
8/9	MISSION ST	HIGHLAND AVE	TRUMBULL ST
8/9	SAN JOSE AVE	28TH ST	RANDALL ST
9	14TH ST	SHOTWELL ST	GUERRERO ST
9	15TH ST	POTRERO ST	15TH ST
9	16TH ST	POTRERO ST	SOUTH VAN NESS AVE
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9	17TH ST	VALENCIA ST
9	18TH ST	SAN CARLOS ST
9	19TH ST	TREAT AVE
9	20TH ST	TREAT AVE
9	22ND ST	TREAT AVE
9	BAY SHORE BLVD	CESAR CHAVEZ ST
9	CESAR CHAVEZ ST	BAY SHORE BLVD
9	CORTLAND AVE	
9	DUBOCE AVE	STEVENSON ST
9		13TH ST
9	FOLSOM ST	18TH ST
9	FOLSOM ST	24TH ST
9	MISSION ST	13TH ST
9	MISSION ST	BROOK ST
9	POTRERO AVE	25TH ST
9	SAN JOSE AVE	
9		BOYLSTON ST
9	SOUTH VAN NESS AVE	
•	BAY SHORE BLVD	
	MANSELL ST	SAN BRUNO AVE
		BAY SHORE BLVD
-	POTRERO AVE	16TH ST
9/10	SAN BRUNO AVE	DWIGHT ST
10	03RD ST	26TH ST
10	03RD ST	WILLIAMS AVE
10	22ND ST	22ND ST
10	25TH ST	03RD ST
10	ARMSTRONG AVE	JENNINGS ST
10	BAY SHORE BLVD	PAUL AVE
10	BAY SHORE BLVD	HWY 101 N ON RAMP
10	CARROLL AVE	ARELIOUS WALKER DR
10	CESAR CHAVEZ ST	MICHIGAN ST
10	EVANS AVE	MENDELL ST
10	GENEVA AVE	CARTER ST
10	GILMAN AVE	HAWES ST
10	HUNTERS POINT BLVD	INNES AVE
10	INGALLS ST	OAKDALE AVE
10	INNES AVE	EARL ST
10	LANE ST	LANE ST
10	MIDDLE POINT RD	EVANS AVE
10		INDUSTRIAL ST
10		GRIFFITH ST
10		03RD ST
10	PHELPS ST	HUDSON AVE
10	SAN BRUNO AVE	HWY 101 S OFF RAMP
10	SILVER AVE	BAY SHORE BLVD
10	SUNNYDALE AVE	SCHWERIN ST
10	VERMONT ST	16TH ST

GUERRERO ST GUERRERO ST MISSION ST SAN CARLOS ST SAN JOSE AVE HWY 101 S OFF RAMP VALENCIA AST **BONVIEW ST** VALENCIA AST **ENTERPRISE ST** 22ND ST **BESSIE ST** 14TH ST RANDALL ST **BAY SHORE BLVD ON RAMP** 28TH ST **BAY SHORE BLVD** 23RD ST **BAY SHORE BLVD** HAMILTON ST SAN BRUNO AVE 25TH ST HWY 101 S OFF RAMP **EVANS AVE KEITH ST MINNESOTA ST** CONNECTICUT LANE ST CRANE ST **BAY SHORE BLVD INGALLS ST** HWY 101 N ON RAMP MARIN ST CARRIZAL ST 03RD ST **EVANS AVE YOSEMITE AVE** EARL ST SHAFTER AVE **INGALLS ST BAY SHORE BLVD** SELBY ST **BAY SHORE BLVD** PALOU AVE **ORDWAY ST** LEDYARD ST SANTOS ST 17TH ST

10	VISITACION AVE	SCHWERIN ST	HAHN ST
10/11	GENEVA AVE	BROOKDALE AVE	CARTER ST
10/11	PERSIA AVE	DUBLIN ST	MANSELL ST
11	19TH AVE	JUNIPERO SERRA BLVD	MONTICELLO ST
11	ALEMANY BLVD	SILVER AVE	SILVER AVE
11	ALEMANY BLVD	MOUNT VERNON AVE	SICKLES AVE
11	GENEVA AVE	OCEAN AVE	GLORIA CT
11	GENEVA AVE	PARIS ST	BROOKDALE AVE
11	MISSION ST	TRUMBULL ST	ACTON ST
11	OCEAN AVE	DELANO AVE	SAN JOSE AVE
11	PERSIA AVE	VIENNA ST	DUBLIN ST
11	RANDOLPH ST	ORIZABA AVE	VERNON ST
11	SAN JOSE AVE	THERESA ST	SAN JOSE AVE
11	SAN JOSE AVE	BROAD ST	GOETHE ST
11	SILVER AVE	CAMELLIA AVE	CRAUT ST



Potential Bikeway Hardening

Eligible bikeways for potential hardening

August 2024

Locations along the San Francisco bicycle network where delineators are currently present and may be eligible for potential bikeway hardening upgrades using resources from this funding request. Locations excluded include bikeways that currently feature concrete medians, k-rail, and parking and loading.

Legend

- Protected bikeways currently using only delineators
- Bike network
- Supervisor Districts



miles

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Potential Bikeway Hardening Locations

District	Street Name	From	То
1	GREAT HWY HWY		
1	POINT LOBOS AVE	MERRIE WY	GREAT HWY
1	JOHN F KENNEDY DR		
3	POLK ST	PINE ST	BUSH ST
3	POLK ST	FERN ST	GEARY ST
3	SANSOME ST	LOMBARD	THE EMBARCADERO
3	THE EMBARCADERO	KEARNY ST	BATTERY ST
3	THE EMBARCADERO	BROADWAY	MISSION ST
3	BUSH ST	BATTERY ST	MARKET ST
3	BATTERY ST	VALLEJO ST	BUSH ST
5	POLK ST	GEARY ST	ELM ST
5	POLK ST	GOLDEN GATE AVE	
5	GOLDEN GATE AVE	LARKIN ST	CONTINUUM ALY
5	GOLDEN GATE AVE	JONES ST	MARKET ST
5	PAGE ST	OCTAVIA ST	LAGUNA ST
5	TURK ST	LARKIN ST	MARKET ST
5	FELL ST	SHRADER ST	STANYAN ST
5	JOHN F KENNEDY DR		UNNAMED #133
5	HAYES ST	OCTAVIA BLVD NB	
6	FOLSOM ST	11TH ST	NORFOLK ST
6	THE EMBARCADERO	HOWARD ST	MISSION ST
6		STEVENSON ST	HOWARD ST
	2ND ST		BRANNAN ST
6 6	2ND ST	TEHAMA ST ESSEX ST	
6	FOLSOM ST		2ND ST
6	5TH ST	MARKET ST	WELSH ST
6	5TH ST	BRANNAN ST	TOWNSEND ST
6	TOWNSEND ST	4TH ST	5TH ST
6	BERRY ST	3RD ST	4TH ST
6	3RD ST	KING ST	BERRY ST
6	3RD ST	CHANNEL ST	TERRY FRANCOIS ST
6	4TH ST		MISSION BAY BLVD
6	7TH ST	STEVENSON ST	MINNA ST
6	HOWARD ST	MOSS ST	7TH ST
6	7TH ST	FOLSOM ST	CLEVELAND ST
6	TOWNSEND ST	7TH ST	8TH ST
6	7TH ST	TOWNSEND ST	CHANNEL ST
6	7TH ST	HOOPER ST	16TH ST
6	16TH ST	OWENS ST	3RD ST
6	DIVISION ST	SAN BRUNO AV	VERMONT ST
6	8TH ST	NATOMA ST	HOWARD ST
6	8TH ST	HERON ST	HARRISON ST
6	HOWARD ST	WASHBURN ST	DORE ST
6	POLK ST	GROVE ST	MARKET ST
6	FOLSOM ST	11TH ST	13TH ST
6	13TH ST	FOLSOM ST	HARRISON ST

6	VALENCIA ST	MARKET ST	Μς COPPIN ST
6	PAGE ST	FRANKLIN ST	MARKET ST
6	MARKET ST	OCTAVIA BLVD	
6	MARKET ST	GOUGH ST	
6	MARKET ST	11TH ST	8TH ST
7	JOHN MUIR DR		LAKE MERCED BLVD
	BROTHERHOOD WAY		
7	LAGUNA HONDA BLVD		PLAZA ST
8	MARKET ST	VALENCIA ST	PEARL ST
8	MARKET ST	DUBOCE AV	DOLORES ST
8	OCTAVIA ST	MARKET ST	
8	PORTOLA DR		TWIN PEAKS BLVD
8	PORTOLA DR	MARKET ST	SUNVIEW
8	CLIPPER ST	CLIPPER TERR	
8	BOSWORTH ST	ELK ST	BOSWORTH ST
8	SAN JOSE AVE ON RAMP		
9	VALENCIA ST	DUBOCE AV	
9	13TH ST	FOLSOM ST	
9	17TH ST	HAMPSHIRE ST	
9	INDUSTRIAL ST/ALEMANY		
9	SAN BRUNO AVE		
	BAYSHORE BLVD		
9			INDUSTRIAL ST OFF RAMP
	ALEMANY BLVD		CONGDON ST
, 10	16TH ST	DAGGETT ST	MISSOURI ST
10	17TH ST	POTRERO AV	MISSISSIPPI ST
	ILLINOIS ST		19TH ST
	INDIANA ST		25TH ST
10	CESAR CHAVEZ		MISSISSIPPI ST
10	BAY SHORE BLVD		JERROLD AVE
10	JERROLD AVE	JERROLD AVE	BAY SHORE BLVD
10	EVANS AVE		MARIN ST
10	EVANS AVE	QUINT ST	RANKIN ST
10	EVANS AVE	JENNINGS ST	KEITH ST
10	HUNTERS POINT BLVD	HUDSON AV	INNES AV
10	BAYSHORE BLVD	INDUSTRIAL ST	THORNTON AV
10	BAYSHORE BLVD	QUINT ST	DONNER AV
10	BAYSHORE BLVD	FITZGERALD AVE	PAUL AV
11	ALEMANY BLVD	ROUSSEAU ST	STONYBROOK AVE