

Lake Merced Quick-Build Project

SFMTA Board of Directors

December 6, 2022

Agenda

Project Goals

Background

Related Studies/Projects

Outreach

Design Proposals



Project Goals

Redesign Lake Merced Boulevard from **Skyline Boulevard to John Muir Drive**, with two principal goals:

- Install traffic calming improvements to reduce collisions and improve comfort for all travelers along Lake Merced Boulevard
- Implement safe pedestrian and bicycle connections to or along Lake Merced Boulevard



Background: Speeds and Collisions

Lake Merced 85th Percentile Speeds

Location	Year	Speed Limit	NB/EB	SB/WB
Lake Merced Blvd between Skyline and Sunset Blvd	2020	35	39	41
Lake Merced Blvd between Higuera Ave and Font Blvd	2019	40	44	45

85th Percentile Speed= the speed at or below which 85% of all vehicles are observed to travel under free-flowing conditions past a monitored point.

Collision History

Lake Merced Boulevard between Font and Sunset boulevards is part of the City's High Injury Network, or the 13% of streets that disproportionately account for 75% of severe and fatal traffic collisions.

Between 2016 and 2021, 89 collisions occurred in the project corridor and resulted in 87 injury collisions.

30% of reported incidents cite unsafe speeds as a primary factor of the collision.

Of those 89 crashes, 5 involved a bicyclist and a vehicle and 6 involved pedestrians and vehicles. There were two 2 pedestrian fatalities in 2017 and 2021.

Related Studies

Lake Merced Bikeway Feasibility Study (January 2021)

Recommended options for relieving congestion on the multiuse pathway around the lake through near-term options for adding bikeways at road-level and through long-term options for widening the multi-use pathway

Lake Merced Pedestrian Community Based Transportation Plan (October 2021) Provided community-based recommendations for both spot

and corridor wide pedestrian safety improvements

Lake Merced Quick-Build incorporates many of the recommendations of these two plans to propose important traffic calming, bike, and pedestrian safety upgrades on the corridor.



Outreach

Comprehensive community outreach to gather input from July 2021 to November 2022

Major outreach activities that took place in support of this project include:

- Ongoing meetings with District 7 staff ٠
- Interviews with over 25 stakeholder groups and community members
- **Bi-monthly meetings with Coalition on Homeless**
- Virtual Town Hall in coordination with District 7 •
- Virtual Handout (ArcGIS Story Map) w/ proposed designs •
- Public Survey with over 350 responses and over 1000 • comments
- E-blasts, post cards and flyering •
- Internal agency coordination and review •



Lake Merced Quick-Build Project

Virtual Town Hall Meeting

Thursday, April 7, between 6:00 PM - 8:00 PM!

Ouick-Build Project!

along Lake Merced Blvd

Virtual Town Hall Details:

Francisc

Project Goals

Lake Merced Quick-Build Project!

Join us for a Virtual Town Hall on the Lake Merced

In partnership with District 7 Supervisor Melgar's Office, the SFMTA will be holding a Virtual Town Hall to propose the

1. Install traffic calming improvements to reduce crashes and

The virtual event will take place between 6:00 PM to 8:00 PM

on April 7, 2022. You can attend the Town Hall and access

LakeMercedQB. At the event, you can learn more about the proposed changes, ask questions, and provide feedback.

For free interpretation services, please submit your request 48

Merced

Lake Merced Quick-Build Project

Virtual Town Hall

Apr 7, 2022 6:00 PM - 8:00 PM

hours in advance of meeting to 415.646.2673.

more project information by visiting www.SFMTA.com/

improve comfort for all travelers along Lake Merced Blvd 2. Implement safe pedestrian and bicycle connections to or



加入針對 Lake Merced 快速建設專案的虛擬市民大會

SFMTA 將與第7區市議員 Melgar 辦公室合作,舉辦虛擬市民大會,提議實施 Lake Merced 快速建設專家!

1. 增設交通安全改善措施,以減少在 Lake Merced Blvd 上的車禍,並提高行人 和自行車騎士的舒適度 2. 改善通往 Lake Merced Blvd 或沿線行人步道和自行車道的安全

虑擬市民大會詳情

Project Area 虛擬會議將於 2022 月 4 月 7 日星期四, 下午 6:00 至晚間 8:00 舉行。請造訪 www.SFMTA.com/LakeMercedQB 以參加市民大會,並獲取更多專案資訊。您 可以在會議中詳細瞭解擬實施的改善措施、問問題、並提出回饋意見、

如需免费的口譯服務, 諸在會議開始的 48 小時前致電 415.646.2673 提交申 請

¡Acompáñenos para una Reunión Comunitaria Virtual acerca del Proyecto Lake Merced Quick-Build!

En asociación con la Oficina del Supervisor Melgar del Distrito 7, ¡SFMTA celebrará una Reunión Comunitaria Virtual a fin de proponer el Proyecto Lake Merced Ouick-Build!

Objetivos del Proyecto

1. Instalar medidas para reducir la velocidad del tráfico a fin de reducir los choques y mejorar la comodidad para todos los viajeros a lo largo de Lake Merced Blvd

2. Implementar conexiones seguras para peatones y bicicletas para llegar a, o a lo largo de, Lake Merced Blvd.

Detalles para la Reunión Comunitaria Virtual:

El evento virtual se realizará de 6:00 PM a 8:00 PM el jueves 7 de abril, 2022. Puede asistir a la Reunión Comunitaria y acceder más información del proyecto visitando www.SFMTA.com/LakeMercedQB. Durante el evento, puede informarse más acerca de los cambios propuestos, hacer preguntas, y proporcionar comentarios.

Para obtener servicios gratis de interpretación, por favor envíe su solicitud con 48 horas de antelación de la reunión al 415.646.2673.

Spring 2022	Summer/Fall 2022	Fall 2022/Winter 2023
	>	>
Present Quick-Build Project proposal to community	Refine designs per community feedback and legislate project	Construction begins!
Contact Information:	For more info	ormation visit:
Shayda.Haghgoo@sfmta.c	om www.sfmta.c	om/LakeMercedQB

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After registering, you will receive a nation email containing info about joining the Town Hal

Register in advance for this Town Hall https://us02web.zoom.us/webinar/



SFMTA Lake Merced Quick-Build

Outreach : Public Survey

Majority of people strongly agree that traffic safety improvements are needed along Lake Merced Blvd







From the comments, we heard many who partially support the project would like to see more improvements/additional bike infrastructure.

Proposed Design

Proposed Improvements

- Narrowing vehicle travel lanes widths to increase driver awareness and lower motor vehicle speeds
- Upgrading crossings for pedestrian safety with improved crosswalks and larger signal heads
- Installing on-street protected bikeways separated by concrete buffers to increase bicycle connectivity and safety on Lake Merced Blvd.
- Implementing Neighborways where a trafficseparated bikeway is not feasible (wayfinding markings)
- Installing 7 transit boarding islands to accommodate bike lanes and for stop optimization

Potential Trade-offs

- Road lane removal in some segments, but only in areas with extra vehicle capacity
- Parking removal throughout corridor (324 spaces)
- Areas parked with oversized vehicles will be phased out in correlation with selection of a Safe Sleeping Site (coordinated by D7)



Proposed Design

Legend



- Proposed Northbound/Westbound
 Protected Bike Lane (on roadway)
- Proposed Northbound/Westbound Bike Lane through Intersections
- Existing Northbound/Westbound
 Shared Use Path
- Proposed Northbound/Westbound Neighborway* (on roadway)
- ••• Existing bike routes (on roadway)
- Proposed Southbound/Eastbound Protected Bike Lane (on roadway)
 - Existing Southbound/Eastbound Shared Use Path



- Proposed Pedestrian Improvements
- Proposed Transit Boarding Islands
- O Proposed Relocated Transit Stops
- Existing Transit Flag Stops
- Proposed Flag Stop

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M/ST Muni Stop / SamTrans Stop



Proposed Design

Legend



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- ••• Existing bike routes (on roadway)
- Proposed Southbound/Eastbound
 Protected Bike Lane (on roadway)
 - Existing Southbound/Eastbound Shared Use Path
- Proposed Bike Ramps



- Proposed Transit Boarding Islands
- O Proposed Relocated Transit Stops
- Existing Transit Flag Stops
- Proposed Flag Stop
- M/ST Muni Stop / SamTrans Stop



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Proposed Design by Section





Section 1: John Muir Dr. to Brotherhood Way





Proposed Cross Section (looking north)



Section 2: Brotherhood Way to Vidal Dr.



Existing Cross Section (looking north)



Proposed Cross Section (looking north)



Section 3: Vidal Dr. to Middlefield Dr.



Existing Cross Section (looking north)



SB Bikes use Multi-use Path

Passenger 2 SB Travel Lanes + Tur Loading 2 NB Travel Lanes

NB Protected Bikeway

Proposed Cross Section (looking north)



Section 4: Middlefield Dr. to Sunset Blvd.



Existing Cross Section (looking north)



Proposed Cross Section (looking north)



Section 5: Sunset Blvd. to Skyline Dr.



Existing Cross Section (looking north)



Proposed Cross Section (looking north)

Skyline and Sloat



Summary and Next Steps

Construction expect to start Spring 2023 (phased from outer ends to middle portion)

Will phase parking removal in coordination with selection of Safe Sleeping Site

Coordinating improvements with:

- Parkmerced
- SamTrans
- Daly City





Thank You!

Please see www.sfmta.com/LakeMercedQB for more information

