

North Central Bike Lanes Project – Update

February 9, 2022

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Principal Transportation Planner

Overview

- Project Description and Background
- Project Objectives
- Outreach and Community Survey Findings
- Parking Data Collection and Analysis
- Parking Supply Options
- Commission Feedback

PROJECT
DESCRIPTION
AND
BACKGROUND



Project Description and Background





- Funded through Community Development Block Grant (CDBG)
- Project Extents
 - Humboldt St. (#2 High-Priority Project)
 - Peninsula Ave. to 5th Ave.
 - Class II Bike Lanes
 - Poplar Ave/Indian Ave. (#4 High-Priority Project)
 - San Mateo Drive to Humboldt St.
 - Class II Bike Lanes and Bicycle Boulevard
- Scope includes pavement rehab, curb ramps, traffic signal video detection, and bike improvements

Project Description and Background

Current Project Status

- Construction agreement awarded October 2021
- Pavement and concrete work completed for new curb ramps
- City Council direction
 - Expanded community engagement
 - Additional parking data collection
 - Parking supply options







PROJECT OBJECTIVES

Project Objectives

General Plan 2030

- Circulation Goal 4: "Maintain a comprehensive bicycle and pedestrian circulation network which provides safe recreation opportunities and an alternative to automobile travel."
- Policy C4.1: "Implement the Bicycle Master Plan's recommended programs and projects to create and maintain a fully-connected safe and logical bikeways system..."

Climate Action Plan

- Specific GHG targets for 2030 and 2050. On-road transportation is the top cause of emissions.
- Recommended Action "Secure funding for design and construction of the infrastructure improvements identified in the updated Bicycle Master Plan..."

Project Objectives

Bicycle Master Plan





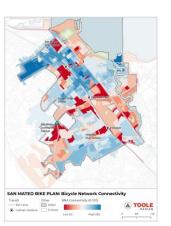


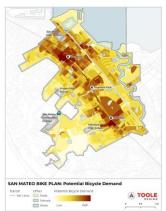
Sustainability and Infrastructure Commission

Technical Advisory
Group

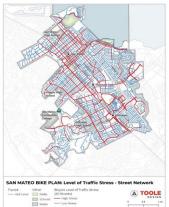


Community Input









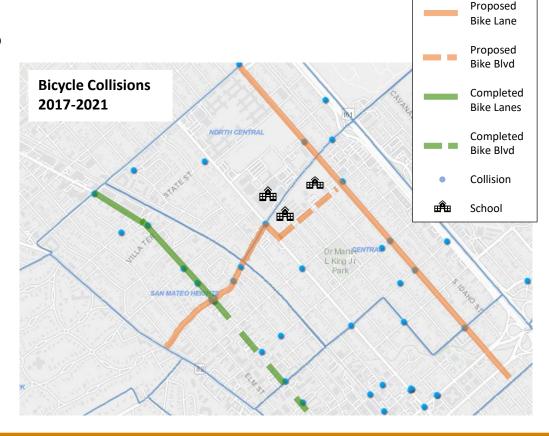
Data Analysis

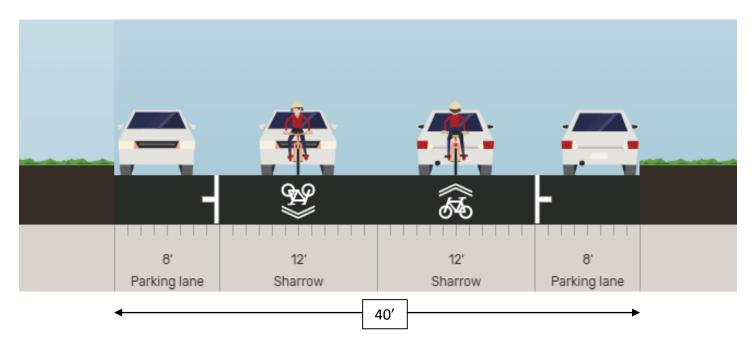
Connectivity to Existing and Proposed



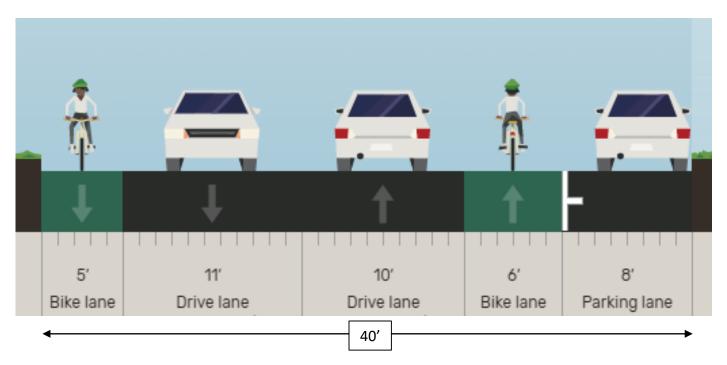
Project Objectives

- Poplar and Humboldt have a high number of bicycle collisions in the past
- 11 bicycle-involved collisions on project corridors
- 30 bicycle-involved collisions in neighborhood
- Reduce risk and severity of future incidents





Existing Roadway



Proposed Roadway

OUTREACH AND SURVEY FEEDBACK



COMMUNITY **ENGAGEMENT**

Have Your Say! ¡Opina! 说出你的想法

1) ONLINE POLL: Scan this QR Code or enter the URL to take the poll in English or Spanish. IN PERSON: Visit the Martin Luther King Jr. Center to complete the poll in English. Spanish or Mandarin Chinase. No identification required. (See dottes on reverse of this cord)

El proyecto de carriles para bicideras en North Central busca mejorar la seguridad de los cidistos y to pentones en d'eccidadio, pero habrá 3/4 espacios de estecionamiento menos. Listed estaria de acuerdo con la adición de los carriles para bicicietas si se pualieran afadir opciones de estacionamiento? ¿Este proyecto representa su visión del vecindario North Central y del futuro?

fiENCUESTA EN LÍNEA: Escanee este código QR o ingrese la dirección URI, para responder la encuesta en inglés o español

orth Central Bike Lanes (北部中央自行車道)專案尋求經高你所在社區的自行車和行人安全。 這等導致減少 234 個停車位,如果停車方案可以像碾停車位減少的問題,你是古寶成增加自行車道? 這項專案是

1) 線上民意測驗: 排指此 QR 碼或輸入 URL 參加英語或西班牙語民意測驗。 2) 翅茎斑垢,造於 Martin Luther King Jr. Center 完成英語、西班牙總或普通延民意測驗。 無調視率身分便利。 (與應日期這些是此十片的背面)

Poll Closes: Jan. 7, 2022

Encuesta cierra el Enero 7, 2022

投票于 2022 年 1 月 7 日结束

www.citvofsanmateo.org/

NCBikeLanes

V2021年11月30日至2022年1月7日開臨 Martin Luther King Jr Center (725 Mondo Dazito Avenuel 開覧 North Central Bike Lanes 等風報電影別 経営を対象、監督機能を分割数。

SETH A BRIDT MLK Certer 大衛阿工作人員

网络河北松耳龙北瓜至北木塘、快餐里、物资、公园等。 地名达



North Central **Bike Lanes Project**

of the City of San Mateo's 2020 Bicycle Master Plan and focuses on improving safety for bicyclists and pedestrians in the neighborhood.

If approved by City Council, the North Central Bike Lanes project would require the removal of 214 parking spaces to make room for bike lanes along East Poplar Avenue, North Delaware Street and Humboldt Street. and bicycle boulevards on Indian Avenue and Eldorado Street.

Following is the list of proposed parking removal:

- . South side of Poplar Avenue from El Camino Real to Delaware Street 43 spaces (approximate) · East side of Delaware Street between Poplar Avenue and Indian
- Avenue 1 space (approximate) . West side of Humboldt Street from Peninsula Avenue to 5th Avenue 170 spaces (approximate)

Neighborhood feedback will guide City staff recommendations to the Sustainability and Infrastructure Commission on Feb. 9, 2022 and City Council on Feb. 22, 2022.

We walcome all to provide their feedback on the parking options and on the North Central Rike Lanes project, in the Community Poll. The poll closes on Jan. 7, 2022.

Take the poll online

Point your smartphone camera app at the QR code, or enter the URL here to take the community poll online in English or Spanish.

www.cityofsanmateo.org/NCBikeLanes

Take the poll in person

Staff can provide you with a printed version of the online poll in English, Spanish or Mandarin Chinese - just ask.

No identification or registration required.



Have Your Say! ¡Opina!

The North Central Bike Lanes project seeks to improve bicycle and pedestrian safety in your neighborhood, but will result in the loss of 214 parking spaces in the neighborhood. Do you support adding the hike lanes if parking ontions could make up for the removal of the parking? Does this project align with your vision for the

North Central neighborhood now and into

North Central busca mejorar la seguridad de los ciclistas y peatones, pero habrá 214 espacios de estacionamiento menos. ¿Usted estaría de acuerdo con la adición de los carriles para bicicletas si se pudieran añadir opciones de estacionamiento? ¿Este provecto representa su visión del vecindario

El proyecto de carriles para bicicletas en

Proposed Parking Options

We heard from North Central residents that there ire on-going parking challenges and that losing parking spaces for the bicycle lanes would make conditions worse. Staff has developed parking options that could be implemented in the North Central neighborhood. Please consider the parking options below and respond in our Community Poll

Driveway Parking

Staff is also proposing options that would require time and additional resources to implement. Please also consider the parking options below and respond in

Parking Lot Sharing

North Central Residential Parking Program

Opciones propuestas de estacionamiento

Los residentes de North Central han mencionado que ya existen complicaciones relacionadas con el estacionamient y que eliminar espacios de estacionamiento para los carriles para bicicletas complicaría aún más la situación. El personal ha desarrollado opciones de estacionamiento que se podrian implementar en el uscindario North Central Dor fauor evalue las opciones de estacionamiento a continuación y responda la encuesta a la comunidad

Bordillos rojos extendidos

Estacionamiento sobre la calzada

El personal también está proponiendo onciones que tiempo y recursos adicionales, para su implementación. Por responda la encuesta a la comunidad

Estacionamiento compartido

Programa de permiso de estacionamiento residencial en North Central



Proyecto de carriles para bicicletas en **North Central**

tos prioritarios del Plan Integral para Ricicletas de 2020 de la Ciudad de San Mateo y

Si el Concejo Municipal lo aprueba, el proyecto de carriles para bicicletas en North Central treet, y bulevares para bicicletas en Indian Avenue y Eldorado Street, A continuación, se incuentra la lista propuesta de los espacios de estacionamiento que serán removidos.

- ado sur de Popiar Avenue, desde El Carrino Real hasta Delavare Stree Larin este de Delaware Street, entre Donlar Avenue e Indian Avenue.
- l'espacio (aproximadamente)
 Lado ceste de Humboldt Street, desde Peninsula Avenue hasta Sth Avenue.
- omisión de Sustentabilidad e Infraestructura, el 9 de febrero de 2022, y en el Conceio Municipal, el 22 de febrero de 2022.

nvitamos a todos a dar su opinión sobre las siguientes opciones de estaciona y sobre el proyecto de carriles para bicicletas en North Central en la encuesta a la comunidad. La encuesta finaliza el 7 de enero de 2022.

Responda la encuesta en línea

Apunte la aplicación de la cámara de su teléfono inteligente al código QR o ingrese la dirección URL aquí para responder la encuesta de la comunidad en línea, en inglés o español.

www.cityofsanmateo.org/NCBikeLanes

Responda la encuesta en persona

El personal puede proporcionarle una versión impresa de la encuesta en línea en inglés. español o chino mandarín. Solo debe solicitarla. No se necesita identificación ni inscripción.



North Central Bike Lanes 專案

North Central Bike Lanes 專案是聖馬刁市 2020 年 Bicycle Master Plan(自行車線體規劃)的首要專案之一,重點是提高社區內騎行者和行人

如果得到市議會的批准,North Central Bike Lanes 專案將需要訴除 214 個 停車位。為 East Poplar Avenue、North Delaware Street 和 Humboldt Street 沿線的自行車道和 Indian Avenue 以及 Eldorado Street 上的自行 車大道搬出空間。

下面列級了翻完拆除的信車位。

礎設施委員會)和市議會提出建議。

- El Camino Real 與 Delaware Street 之間 Poplar Avenue 南側 (大 約) 43 個停車位
- Poplar Avenue 與 Indian Avenue 之間 Delaware Street 東側 (*##0) 1 40000 m (0)
- Peninsula Avenue 與 5th Avenue 之間 Humboldt Street 西側 (大 約) 170 個停車位 社區反饋將指導市政府工作人員在 2022 年 2 月 9 日和 2022 年 2 月 22 日

分別向 Sustainability and Infrastructure Commission(可持續發展和基 我們歡迎大家在社區民意測驗中提出對停車方案以及 North Central Bike

Lanes 專案的反饋,民意測驗於 2022 年 1 月 7 日結束。



將智慧型手機昭相機應用程式對進 二維碼,或者在此處輸入 URL 線上 參加英語或西班牙語版民意測驗。



www.cityofsanmateo.org/NCBikeLanes

親臨現場參加民意測驗

工作人員可以為你提供英文、西班牙文或 中文普通話版線上民意測驗的列印版本

無需確認身份或註冊。





COMMUNITY ENGAGEMENT









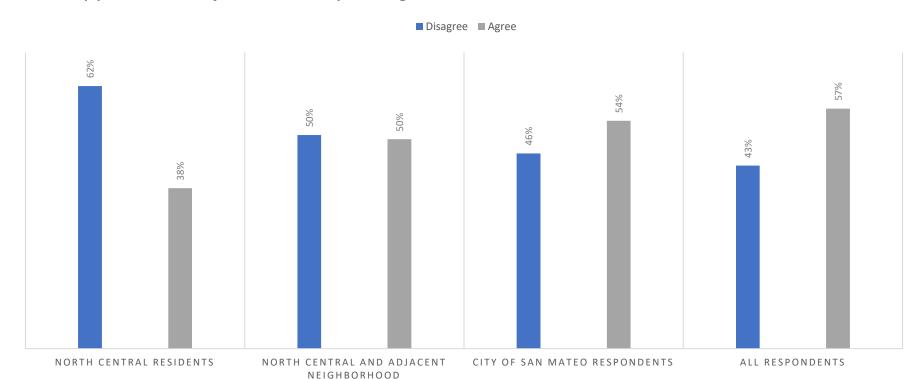
285 responses to online and written poll

- 52% North Central residents
- 22% adjacent neighborhoods
- 14% San Mateo residents
- 13% outside of San Mateo

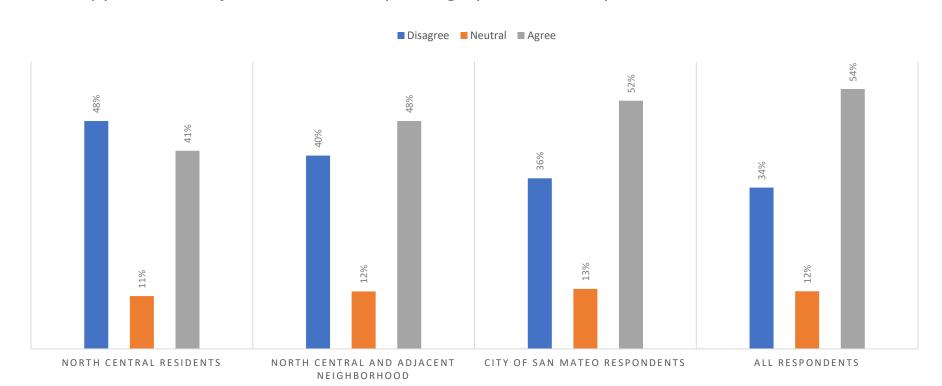
Nearly ¼ of respondents live on Humboldt Street

Half of respondents ride a bicycle as their primary mode of transportation or recreationally

Support the Project and the parking removal



Support the Project if additional parking options are implemented



- North Central residents who do not ride bikes disagree with the project (82%, 37 respondents)
- North Central residents who ride a bike as their primary transportation mode or for recreation agree with the project (57%, 33 respondents)
- North Central residents with household members ages 25-64 who bike/scoot/walk regularly are split on project support
- Long-term North Central residents do not support project implementation (90%, 45 respondents)
- Residents newer to the neighborhood tended to support the project (62%, 23 respondents)

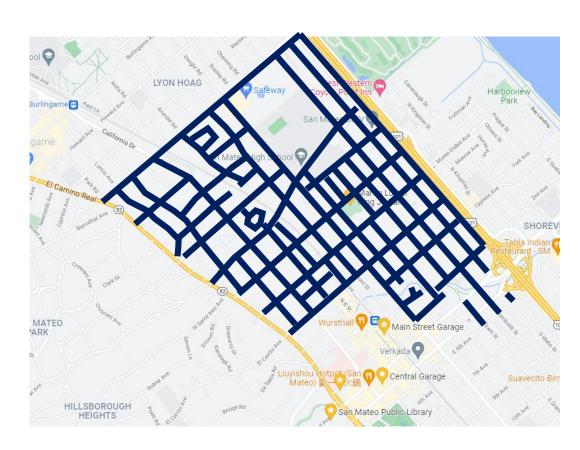
PARKING DATA COLLECTION AND ANALYSIS



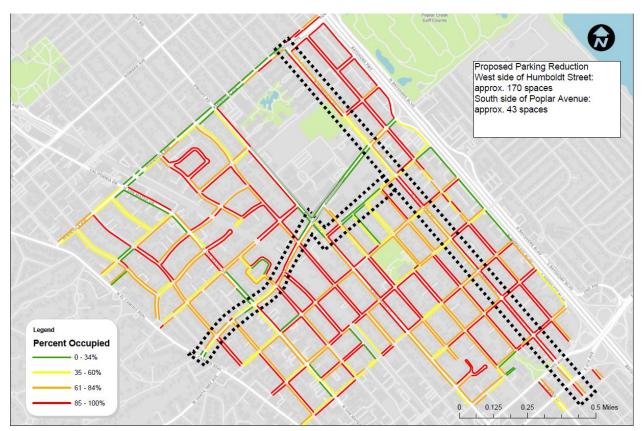
Parking Data Collection

Methodology

- Larger geographic scope
- Expanded hours
 - Two weekdays
 - Two Saturdays
 - 7a-7p
 - Peak midnight
- Parking Supply
 - Calculation based on legal 22' length parking spaces
 - Not determined by number of vehicles parked



Overnight Peak Parking



Parking Data Key Findings

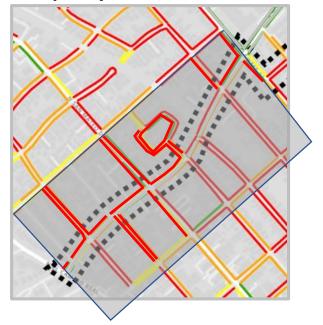
- Peak midnight parking demand averages 73%
- Poplar Avenue peak occupancy 55-60%
- Humboldt Street peak occupancy 80%
- Peak overnight occupancy on Poplar Avenue (33 vehicles) able to be accommodated within 1 block (~600 feet) based on current availability
- Peak overnight occupancy on Humboldt Street (149 vehicles) able to be accommodated within two blocks (~600 feet) of project corridor

Proposed Parking Reduction

Existing Conditions – Poplar Ave. Peak Occupancy



Proposed Parking Reduction – Peak Occupancy



Proposed Parking Reduction

Existing Conditions – Humboldt St. Peak Occupancy



Proposed Parking Reduction – Peak Occupancy



PARKING SUPPLY OPTIONS



Parking Supply Options



Driveway/Corner Red Curb

 Red curb marking at driveways and corner curb ramps to deter illegal parking and enhance access



Driveway Apron Parking

 Allow residents to block their own driveway and park parallel to curb



Shared Parking Lots

 Leverage existing parking available in the neighborhood for peak overnight use

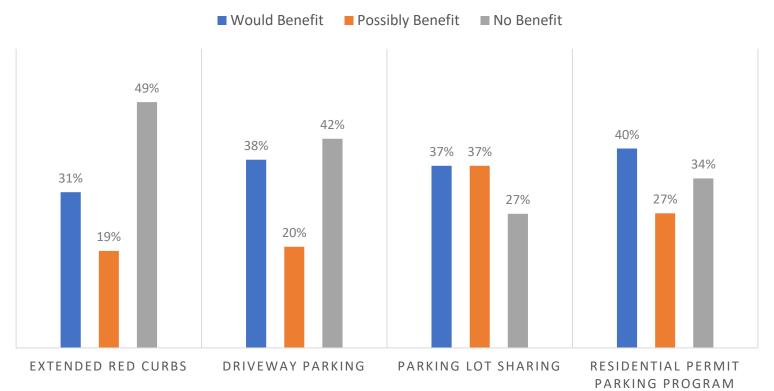


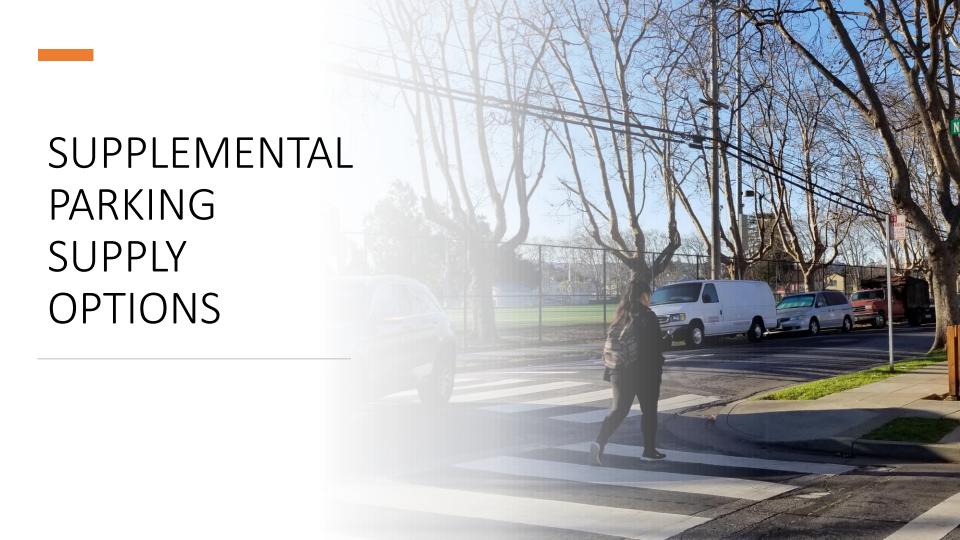
Residential Parking Permit Program

 Issue permits to residents to prioritize on-street parking during the daytime and/or overnight for resident use

Parking Supply Options

Survey Findings – North Central respondents



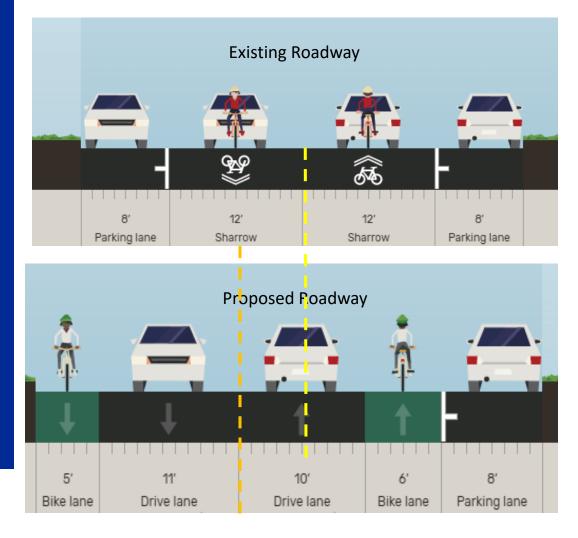




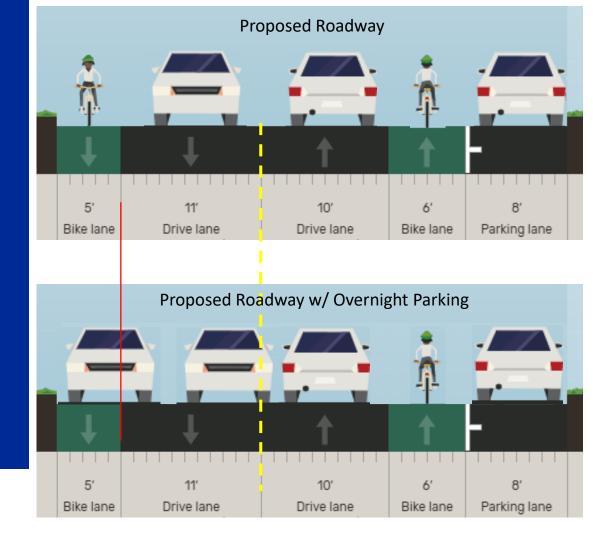
Alternative Parking Supply Options Shared Overnight Parking in Bike Lane

- What is it?
 - Parking permitted in bike lane for overnight hours only.
- Pros
 - Provides on-street parking during peak overnight demand
- Challenges
 - Roadway centerline will be moved; travel lane will be narrow with vehicle parked in bike lane
 - Vehicle code generally restricts parking on bike lane
 - Issues from other cities with parked cars not moving during bike lane hours; safety hazard for bicyclists and motorists during daytime hours
 - Enforcement/towing required to ensure bike lanes available

Alternative
Parking Supply
Options
Shared Overnight
Parking in Bike
Lane



Alternative
Parking Supply
Options
Shared Overnight
Parking in Bike
Lane



Alternative Parking Supply Options

Get Around! Program Outreach

- Work with Parks and Recreation department for enhanced program outreach in neighborhood
- Provides affordable transportation option for adults
 60 and older

On-Street Accessible Parking Spaces

- Installs accessible parking spaces on-street adjacent to ADA compliant ramps
- Propose to offer the option free of charge

Neighborhood Circulation Study

- Broader study to assess circulation options for the neighborhood
- Consider one-way street options and evaluate other needs/barriers

COMMISSION DISCUSSION AND FEEDBACK



Commission Discussion

- Which parking supply options should be considered for implementation to address on-going parking concerns?
- What feedback does the Commission have regarding alternate parking options (accessible parking spaces, Get Around! program outreach, overnight shared parking in bike lane)?
- What feedback does the Commission have on a future comprehensive circulation assessment of the North Central neighborhood?
- As proposed, should the implementation of the bicycle improvements move forward?

Next Steps

- Take feedback from Commission and public comment
- Formulate staff recommendation for February 22 City Council meeting
- Staff will take direction from Council to move forward
 - Additional construction work planned in the neighborhood for roadway paving
 - Neighborhood will see construction activity and have some interim impacts
 - Neighbors can expect a notice ahead of upcoming construction work





Thank You

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www.cityofsanmateo.org/publicworks