



Bike Bellevue

Bellevue Chamber of Commerce
PLUSH Committee
October 24, 2023

Franz Loewenherz, City of Bellevue



Transportation



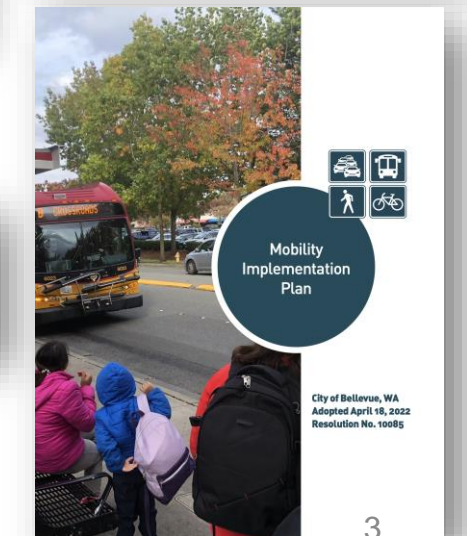
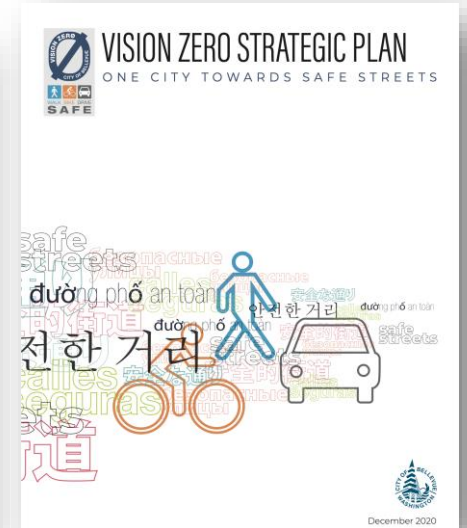
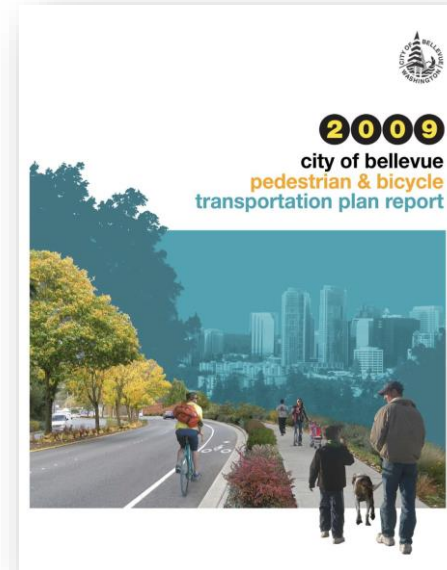
Agenda

- Project Background
- DRAFT Concepts Guide
- Community Engagement
- Chamber Engagement



Bike Bellevue Background

- Confluence of several Transportation Department efforts
- Next step in Bellevue's active mode and safety implementation
- Consistent with Mobility Implementation Plan





Bike Bellevue Background

CIP (PW-W/B-85) description: *“Growth Corridor High Comfort Bicycle Network Implementation” (AKA: Bike Bellevue)*

- \$4.5 million in 2023-29 CIP.
- Design and implement rapid-build bicycle projects on existing streets in the Downtown, Wilburton, and BelRed neighborhoods.
- Establish grid of safe and comfortable connections to key destinations for people of all ages and abilities.



Bike Bellevue Principles



Safety

Reduce the frequency and severity of crashes and minimize conflicts between roadway users through bikeway design.



Connectivity

Implement a connected network of bicycle lanes that facilitate access to major destinations.



Comfort

Design bicycle lanes that maximize separation between motor vehicles and people bicycling on streets with higher speed limits and more vehicle traffic.



Evaluation

Use a data informed approach to evaluate impacts to all modes of travel and design the program to maximize the mobility of all modes.



Coordination

Coordinate transportation and land use efforts underway in Bellevue to ensure equity and sustainability outcomes are aligned.



Partnerships

Identify partnership opportunities to advance the implementation of bicycle projects.



Engagement

Engage community stakeholders in setting the priorities for Bike Bellevue investments.

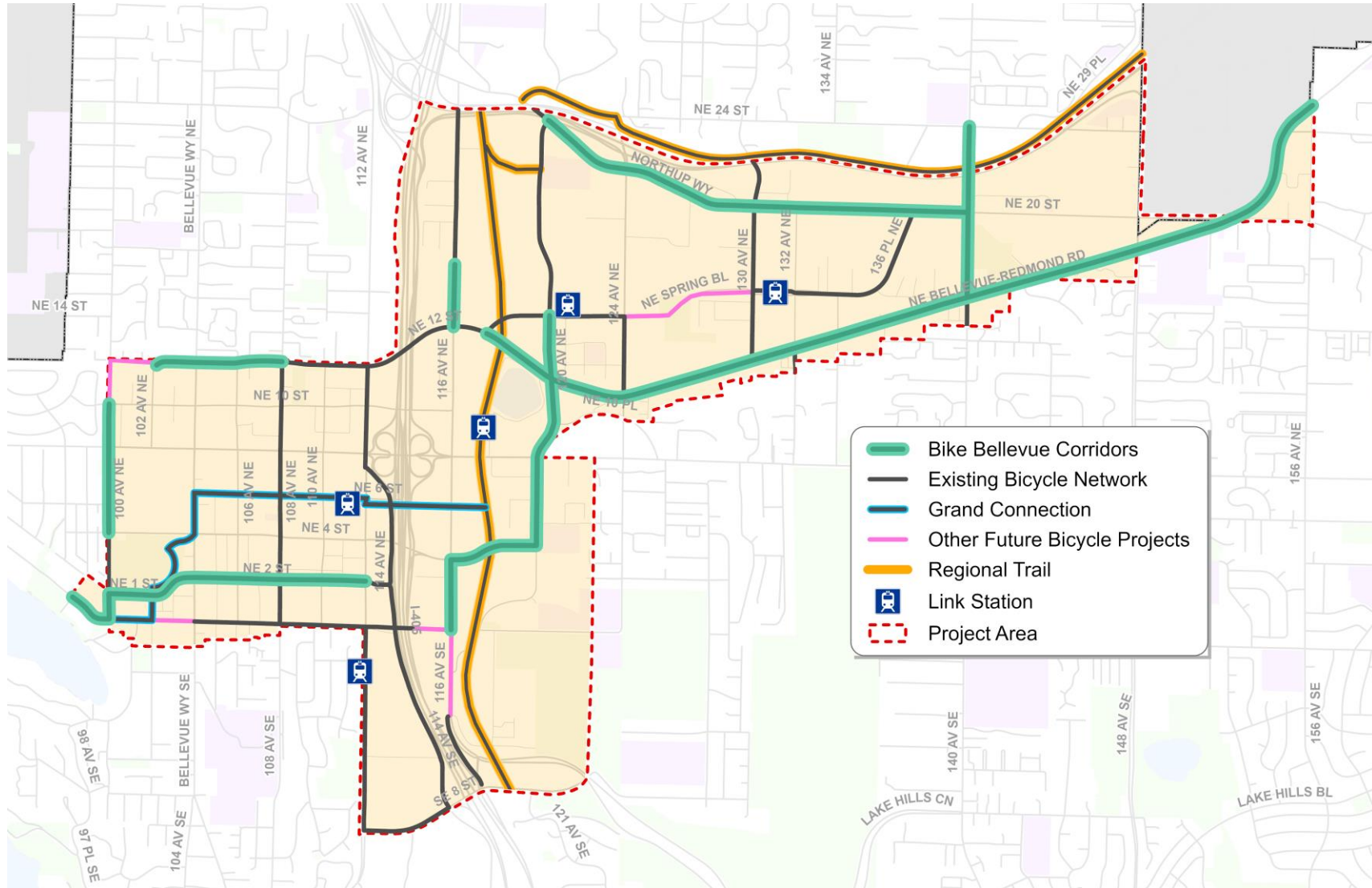


Equity

Promote equity and inclusion in the development and delivery of bicycle projects. Consistent with the city's Diversity Advantage Plan, Bike Bellevue will center equity, access, inclusion, and opportunity in project delivery.



DRAFT Project Area Map





DRAFT Design Concepts Guide





What is Bike Bellevue?

11 Bike Bellevue Corridors

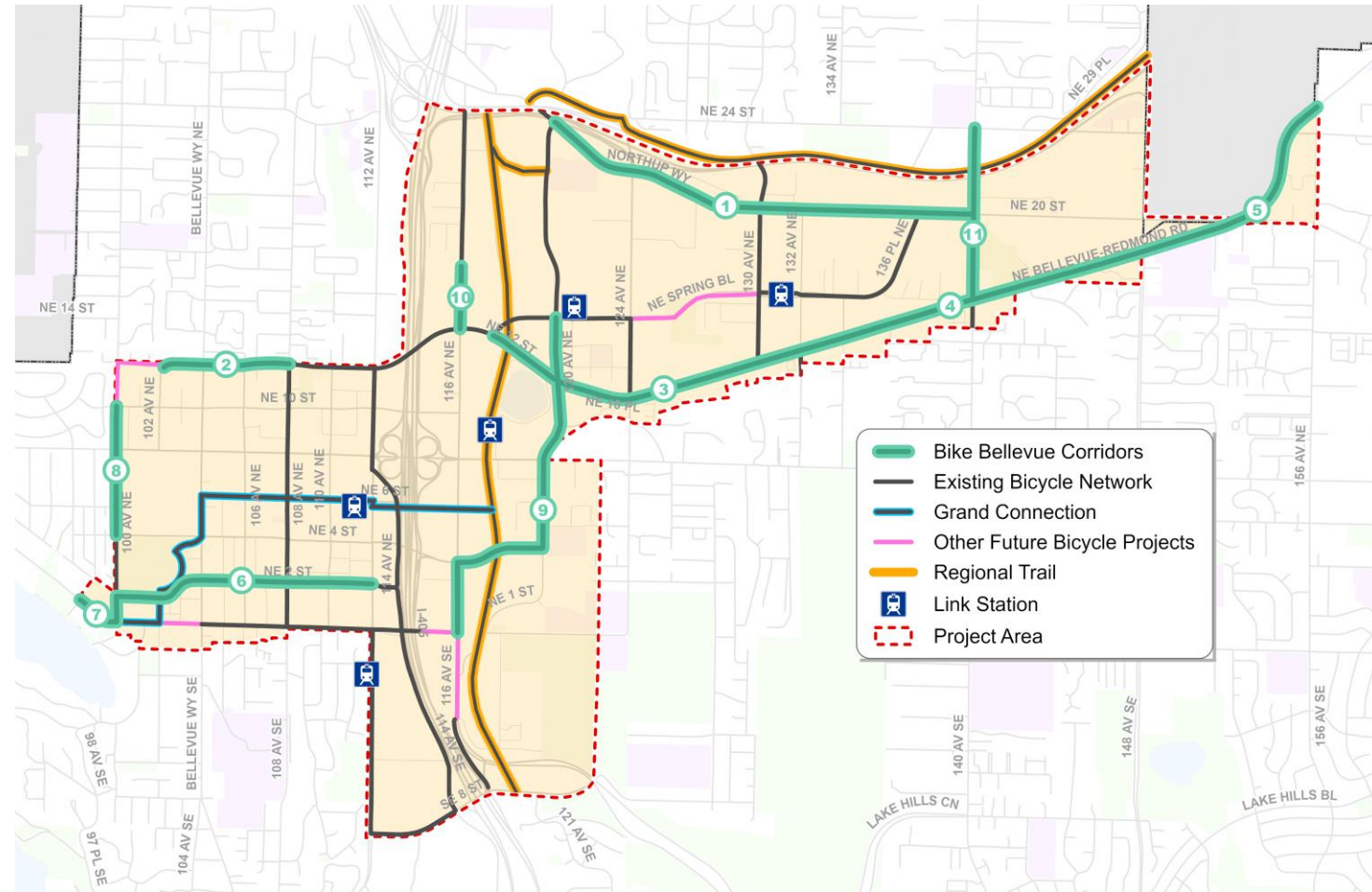
The City has identified 11 urban corridors to fill gaps in the existing network

Here's how the network looks today with significant gaps in connectivity

Existing Network

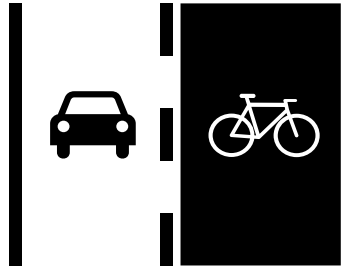
The future network links the urban core to surrounding neighborhoods and regional trails

Future Network



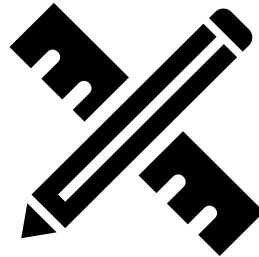


Design Development Process



Alternatives Development

- Traffic analysis
- Queuing
- Bike design options
- Transit



Draft Corridor Concepts

- Striping
- Signals



Concepts Assessment

- Bike LTS
- V/C ratios
- Travel speed

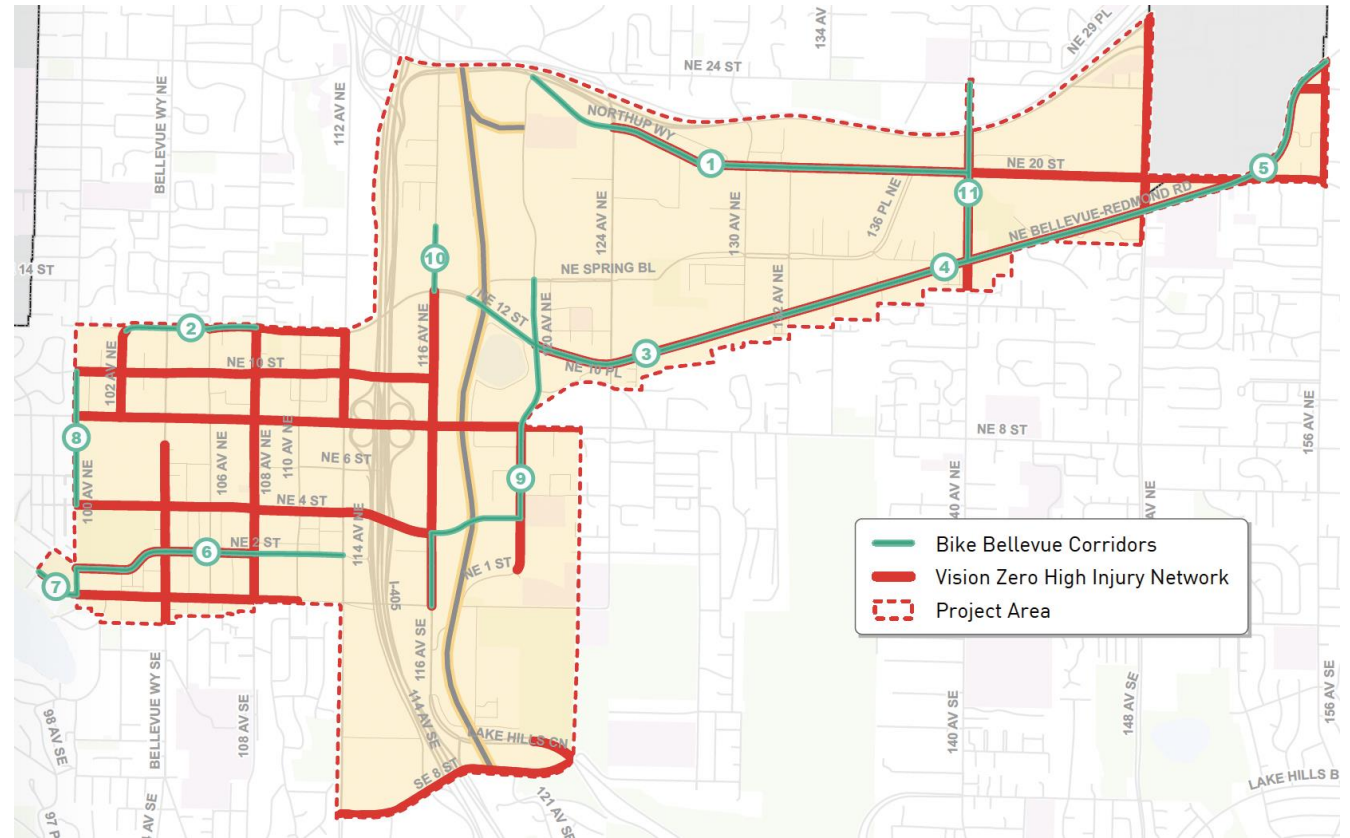


Concepts Guide



Prioritizing Safety

- Bicyclists as vulnerable road users
- Implement proven safety countermeasures
- Aligns with Safe System approach to Vision Zero





Bicycle LTS

All ages and abilities

Interested but concerned

Enthusiased and confident

Strong and fearless



LTS 1



LTS 2



LTS 3



LTS 4

- Designed for different bike riders
- Defined by speed, volume, and bicycle facility

Roadway Characteristics		Bicycle Facility Components: Guideline to Achieve Intended Level of Service/Level of Traffic Stress					
Speed Limit	Arterial Traffic Volume	No Marking	Sharrow Lane Marking	Striped Bike Lane	Buffered Bike Lane (Horizontal)	Protected Bike Lane (Vertical)	Physically Separated Bikeway
</=25	<3k	1	1	1	1	1	1
	3-7k	3	3	2	1	1	1
	>/=7k	3	3	2	2	1	1
30	<10k	3	3	2	2	1	1
	10-25k	4	4	3	3	2	1
	>/=25k	4	4	3	3	3	1
35	<25k	4	4	3	3	3	1
	>/=25k	4	4	4	3	3	1
>35	Any	4	4	4	4	3	1



Bicycle LTS



Shared Lane Marking
(Sharrows)



Conventional
Bike Lane



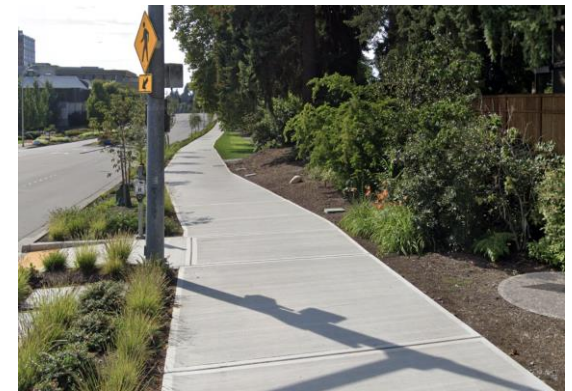
Buffered
Bike Lane



Separated Buffered
Bike Lane



Separated Buffered
Bike Lane (two-way)

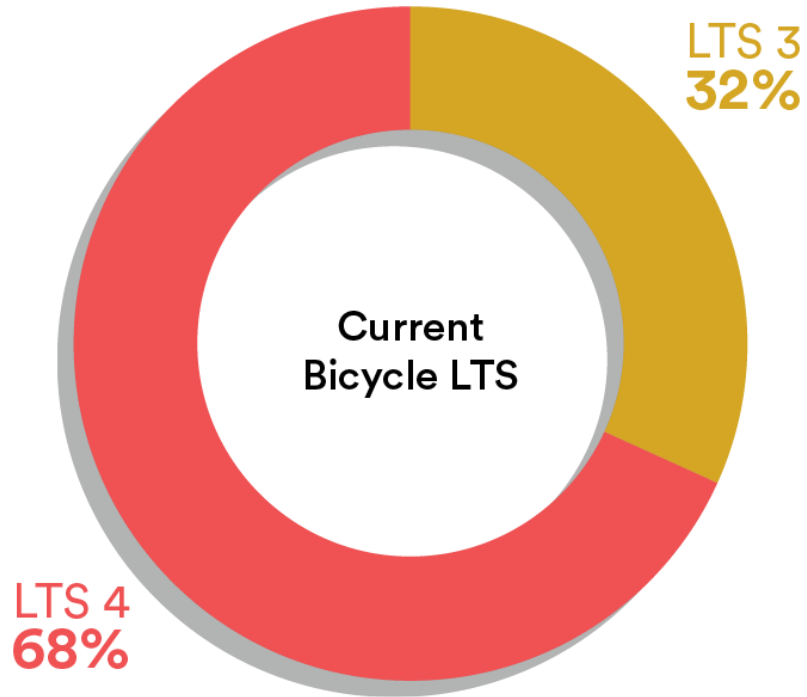


Multi-use Path

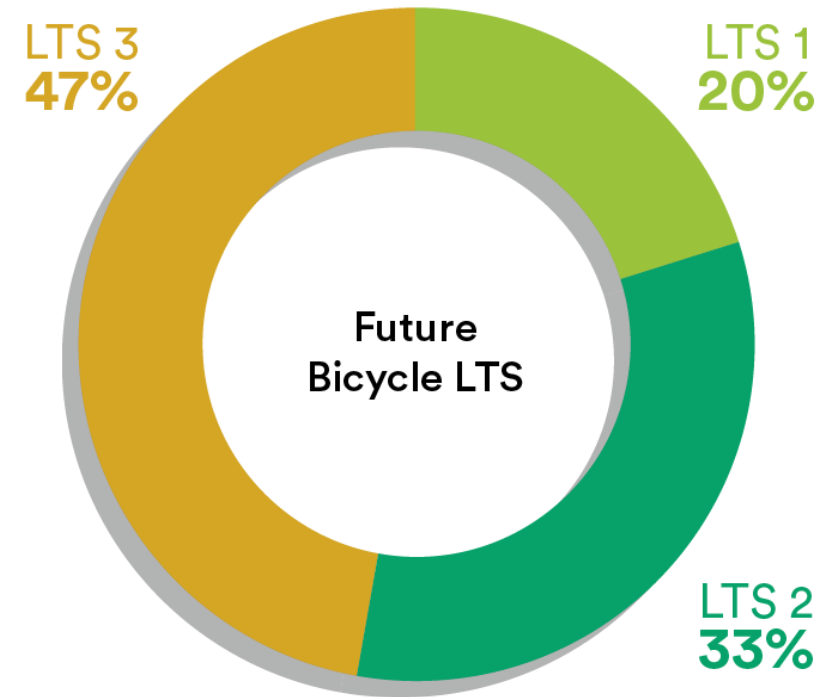


Bicycle LTS

Today: mostly LTS 3 and LTS 4



Bike Bellevue: eliminates LTS 4 conditions

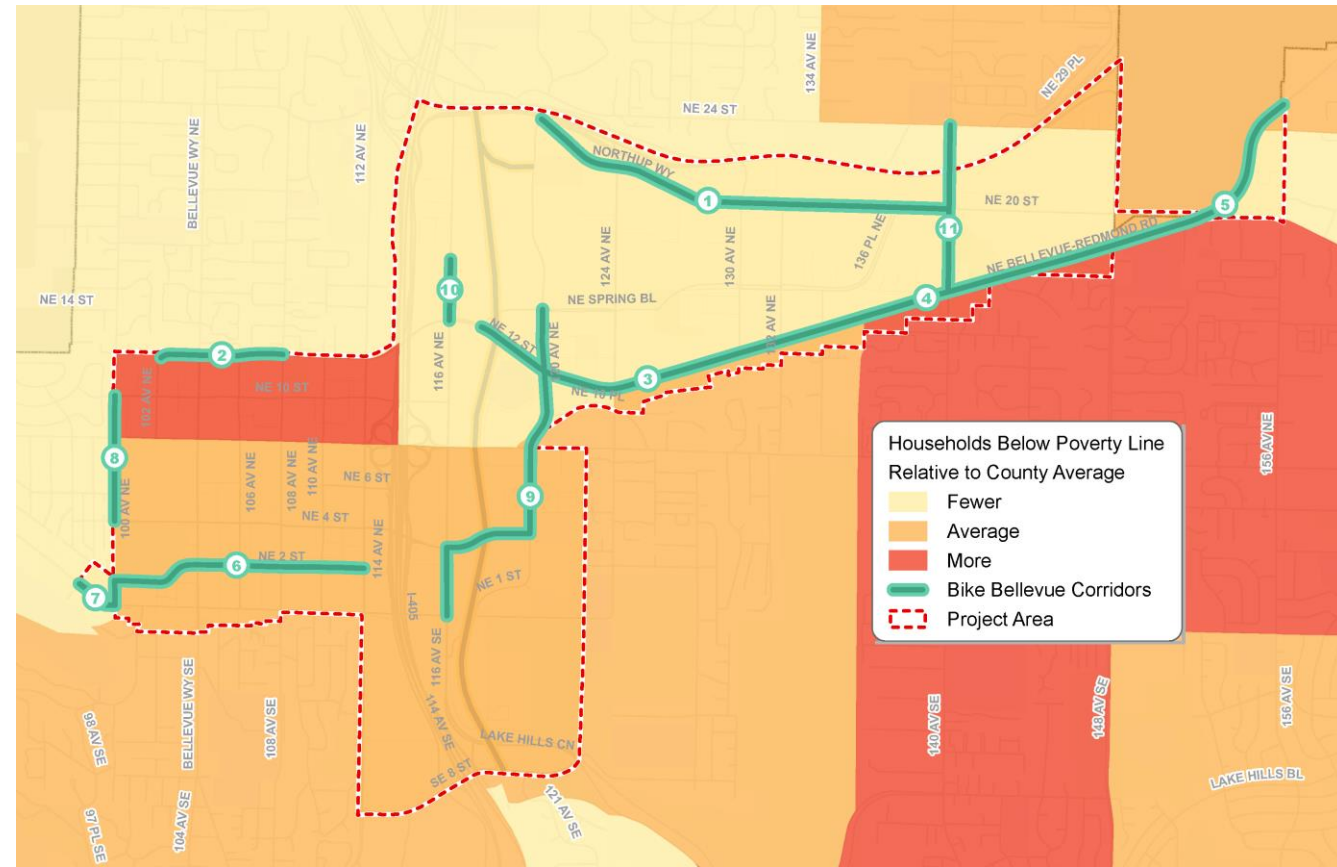


More than half of corridors would be LTS 1 or 2



Equitable Access

- Many equity metrics; focus on low-income population
- 30% more likely to walk/bike
- 80% more likely to ride transit
- Low-stress bike access gains:
 - 24% more jobs
 - 71% more bus stop access
 - 33% more students per school





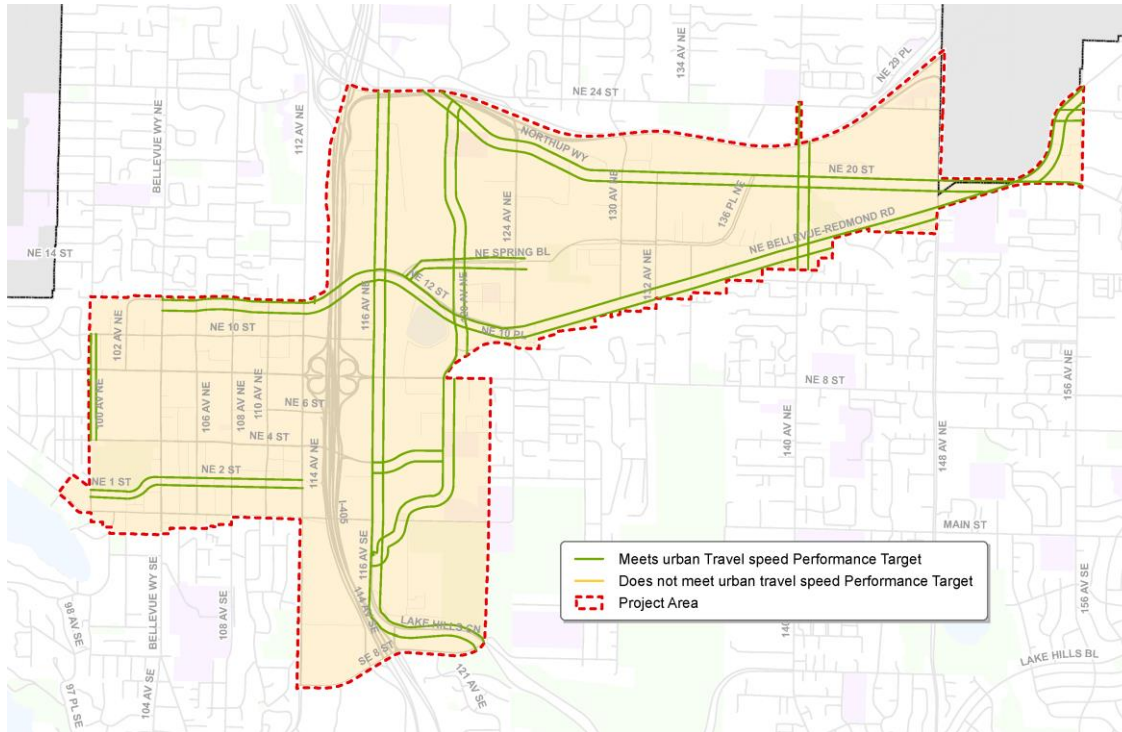
Sustainability

- Bicycle mode share increases:
 - Today 0.8%
 - 2035 between 2.6% - 4.3%
- Reduces GHG emissions equivalent to annual emissions from 240-890 cars
- Supports Environmental Stewardship Plan

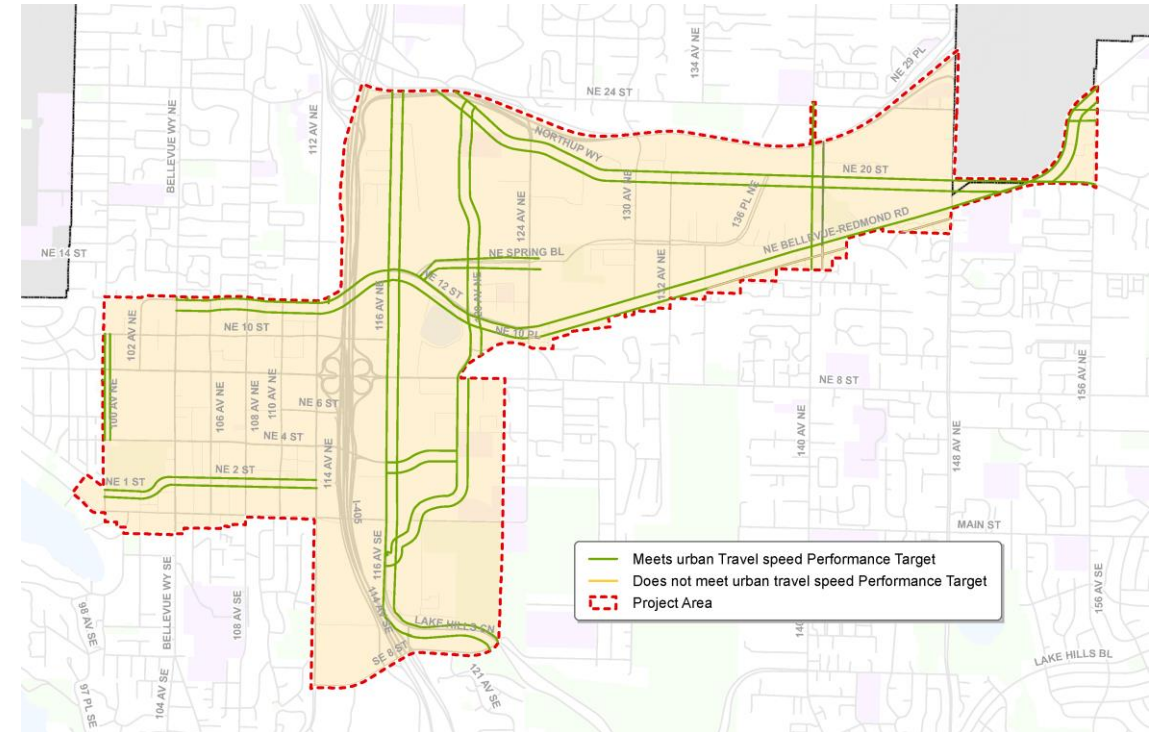




Vehicle Performance



Existing Conditions



2035 with Bike Bellevue Conditions



Key Conclusions

- Reduce 4-8 fatal/severe injury crashes over 20 years
- Eliminate LTS 4 facilities; 90% of corridors meet MIP LTS Targets
- 24% more jobs accessible; 77% more transit stops accessible
- Increase bike mode share, reduce GHG emissions from transportation
- Vehicle corridor speeds lower by <1MPH



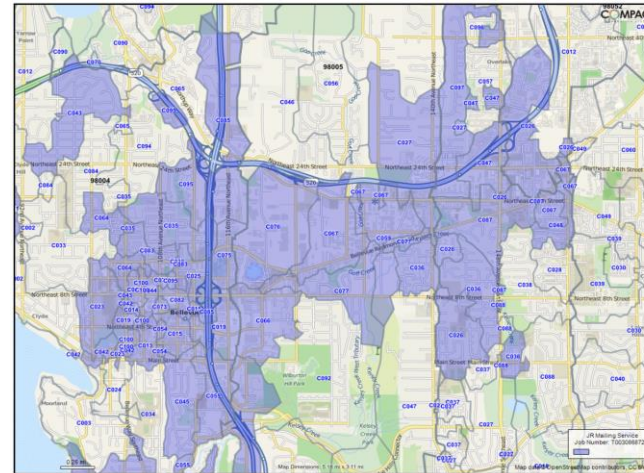
Discussion

- Clarifying questions
- Discussion



DRAFT Engagement Plan

- Konveio tool
- Mailer
- Yard signs
- Posters
- Focus groups
- Stakeholder interviews
- Community events
- Public open house



The City of Bellevue's Transportation Department is continuing work on Bike Bellevue, and we want your input! Bike Bellevue will add bike lanes to existing streets in the urban core areas of Downtown, Wilburton and BelRed. The goal is to create a network of safe and comfortable cycling connections for people of all ages and abilities.

Provide feedback on proposed bike lane designs

Share your thoughts on the proposed designs for each Bike Bellevue corridor using an online project design feedback tool at bikebellevue.konveio.com. You will also be able to see comments from other people, add a response, and agree or disagree. Submit your comments by Friday, November 17.

For more information on Bike Bellevue and to sign up for project alerts, visit BellevueWA.gov/bike-bellevue.

If you would like to participate in a focus group, stakeholder interview or arrange a Bike Bellevue presentation for your community group, please contact Franz Loewenherz, Bike Bellevue Project Manager, at flowenherz@bellevuewa.gov.

Visit the project design feedback tool at bikebellevue.konveio.com or scan the QR code below



For alternate formats, interpreters, or reasonable modification requests please phone at least 48 hours in advance 425-452-7925 (voice) or email alhg@strom@bellevuewa.gov. For complaints regarding modifications, contact the City of Bellevue ADA, Title VI, and Equal Opportunity Officer at ADA@TitleVI@bellevuewa.gov.

Title VI Notice to the Public: It is the City of Bellevue's policy to assure that no person shall on the grounds of race, color, national origin or sex, as provided by the Title VI of the Civil Rights Acts of 1964, be excluded from participating in, be denied the benefits of, or be otherwise discriminated against under any of its federally funded program and activities. Any person who believes his/her Title VI protection has been violated may file a complaint with the Title VI Coordinator. For Title VI complaint forms and advice, please contact the Title VI Coordinator at 425-452-4496.



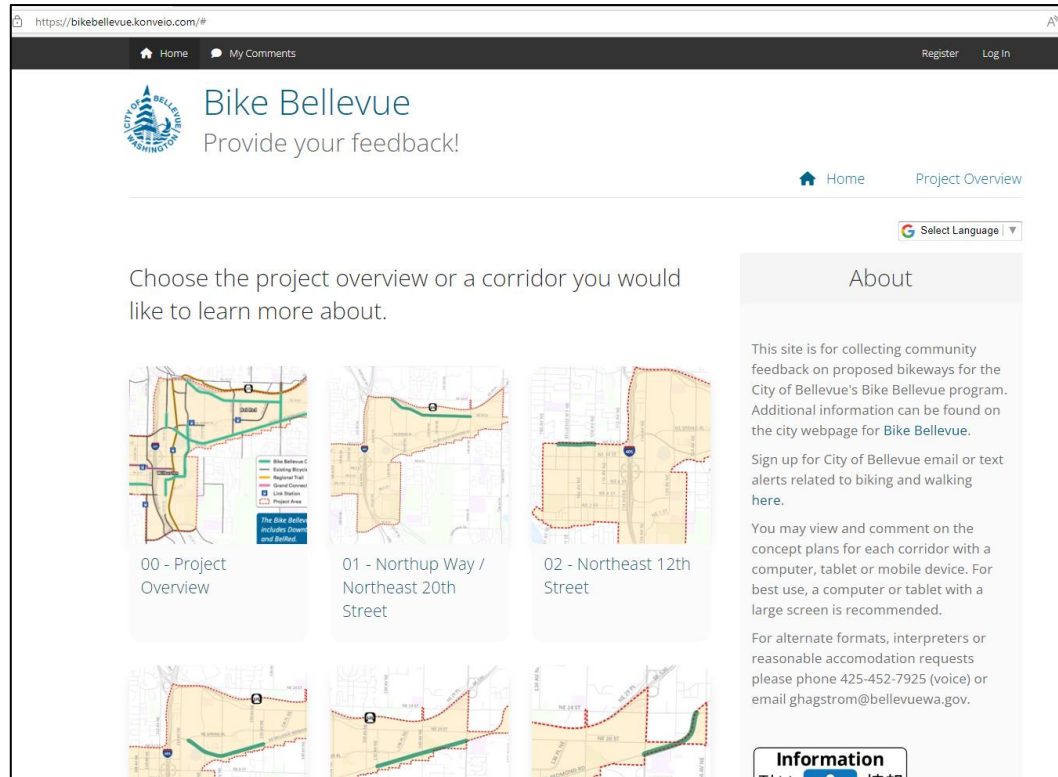


Engagement Activities





Konveio Online Engagement Tool



Comments by November 17, 2023

<https://bikebellevue.konveio.com/>



Bike Bellevue

Provide your feedback!

Select Language

Choose the project overview or a corridor you would like to learn more about.



00 - Project Overview



01 - Northrup Way / Northeast 20th Street



02 - Northeast 12th Street



About

This site is for collecting community feedback on proposed bikeways for the City of Bellevue's Bike Bellevue program. Additional information can be found on the city webpage for [Bike Bellevue](#).

Sign up for City of Bellevue email or text alerts related to biking and walking [here](#).

You may view and comment on the concept plans for each corridor with a computer, tablet or mobile device. For best use, a computer or tablet with a large screen is recommended.

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Information

User account

Create new account Log in Request new password



Username *

E-mail address *

Gender

- N/A
- Male
- Female
- Other
- Prefer not to disclose

Ethnicity

- N/A
- Hispanic or Latino
- Not Hispanic or Latino

Race

- American Indian/Alaska Native
- Asian
- Black or African American
- Native Hawaiian/Pacific Islander
- Caucasian
- Other
- Prefer not to disclose

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 - Other
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- English Only
- Tagalog
- Spanish
- Korean
- Russian
- Chinese
- German
- Arabic
- Vietnamese
- Prefer not to disclose
- Other

If Other, please specify

Terms and Conditions of Use

Last updated: May 18, 2018

Please read these Terms and Conditions ("Terms", "Terms and Conditions") carefully before using <http://bikebellevue.konveio.com> website (the "Service") operated by Konveio LLC ("us", "we", or "our") on behalf of our client.

Your access to and use of the Service is conditioned upon your acceptance of and compliance with these Terms. These Terms apply to all visitors, users and others who wish to access or use the Service.

By accessing or using the Service you agree to be bound by these Terms. If you disagree with any part of the terms then you do not have permission to access the Service.

COMMUNITY GUIDELINES

- Remember that this is a platform for discussion, not debate.
- Maintain a collaborative, open-minded approach: consider others values, experience and views; read and respect their ideas and opinions. Be willing to respond to questions about your views and ask others to clarify their views.

- I accept the Terms & Conditions of Use *
- I confirm that I have read and agree to the [Privacy Policy](#) *

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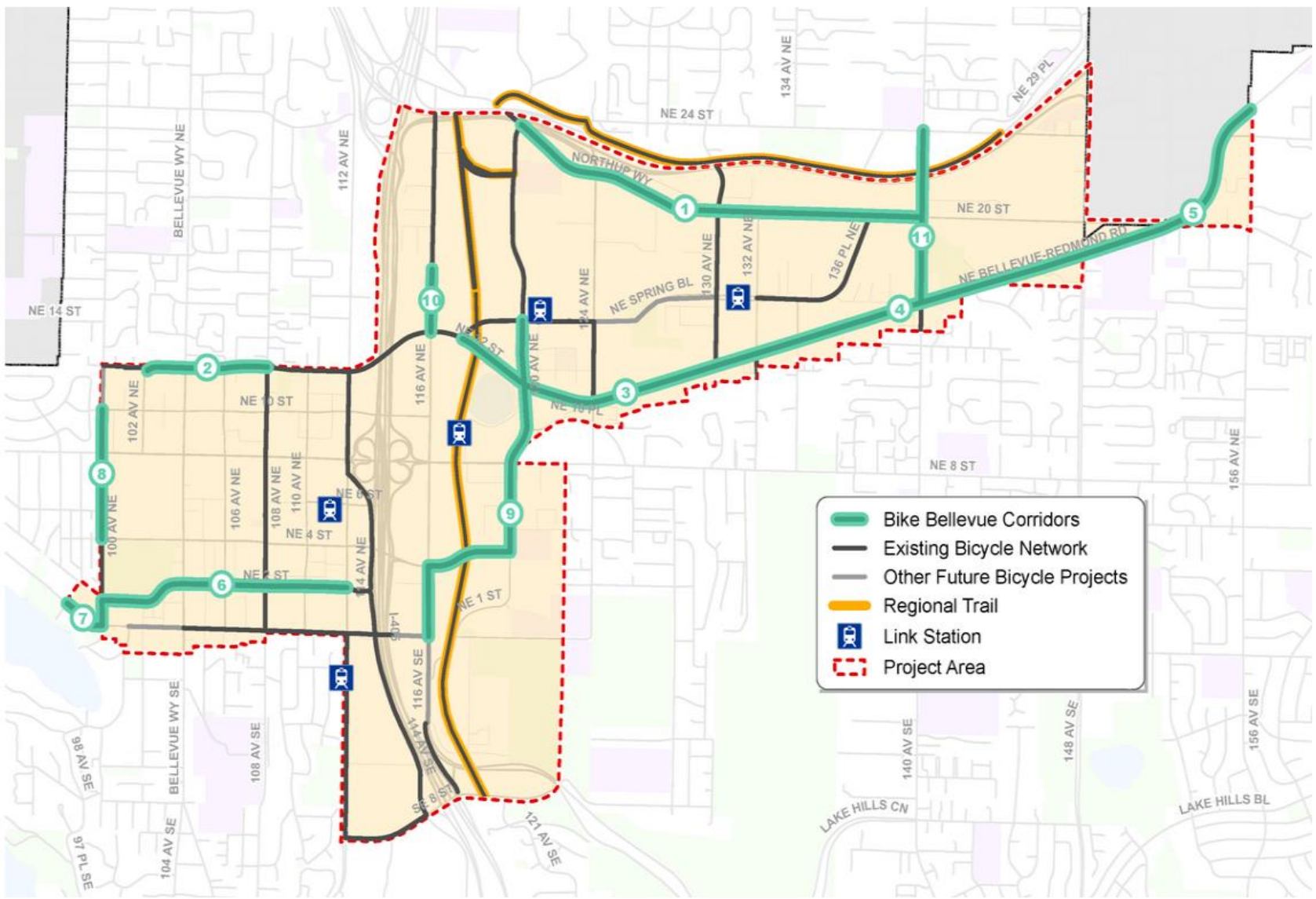
Welcome to Bike Bellevue

The city has started work on Bike Bellevue, a project aimed at implementing bicycle network improvements in the city's urban core — including Downtown, Wilburton and BelRed. The goal of Bike Bellevue is to enhance the city's multimodal transportation system and help make it safer and more equitable, sustainable and accessible for everyone.

Bike Bellevue Corridors

- Existing Bicycle Network
- Regional Trail







Project principles

Bike Bellevue is the next step in improving the safety, connectivity and comfort of the bicycle network in the city. It builds on planning undertaken through the [2009 Pedestrian and Bicycle Transportation Plan](#), the [2016 Bicycle Rapid Implementation Program](#), the [2020 Vision Zero Strategic Plan](#) and the [2022 Mobility Implementation Plan](#). These past efforts informed the council-approved project principles, which the Transportation Commission's guide in developing Bike Bellevue.

- **Safety:** Reduce the frequency and severity of crashes and minimize conflicts between roadway users through bikeway design.
- **Connectivity:** Implement a connected network of bicycle lanes that facilitate access to major destinations.
- **Comfort:** Design bicycle lanes that maximize separation between motor vehicles and people bicycling on streets with higher speed limits and more vehicle traffic.
- **Evaluation:** Use a data informed approach to evaluate impacts to all modes of travel and design the program to maximize the mobility of all modes.
- **Coordination:** Coordinate transportation and land use efforts underway in Bellevue to ensure equity and sustainability outcomes are aligned.
- **Partnerships:** Pursue partnership opportunities to advance the implementation of bicycle projects.
- **Engagement:** Engage community stakeholders in setting the priorities for Bike Bellevue investments.
- **Equity:** Promote equity and inclusion in the development and delivery of bicycle projects.

Benefits of Bike Bellevue

The proposed network will allow people to travel on a dedicated network of bicycle facilities throughout the project area, greatly expanding access between homes, transit, jobs and recreation.

- **Engagement:** Engage community stakeholders in setting the priorities for Bike Bellevue investments.
- **Equity:** Promote equity and inclusion in the development and delivery of bicycle projects.

Benefits of Bike Bellevue

The proposed network will allow people to travel on a dedicated network of bicycle facilities throughout the project area, greatly expanding access between homes, transit, jobs and recreation.

- Nearly three-quarters (74%) of all households in the project area will have a lower-stress bicycle ride to a park compared to less than half today (49%).
- The proportion of jobs in the project area that will have a more comfortable bicycle connection to a Link light rail station will double (37% to 66%).
- 48% of Bellevue's High Injury Network within the project area will receive a bicycle network improvement, as opposed to 13% today.
- Research has shown that on-street protected bikeways and trails can boost local economic development, even when car travel lanes or car parking is removed.
- There is significant evidence that protected bicycle lanes boost bicycling rates and improve safety for all road users, not just those who are bicycling.
- Research has consistently demonstrated that the addition of bicycling infrastructure reduces the amount people drive which results in less energy use and greenhouse gas emissions, and improved community health.

Importantly, the proposed bike network can be implemented without significantly impacting traffic congestion and transit riders. Based on an analysis of 2022 traffic flows with the proposed Bike Bellevue lane modifications, all system intersections continue to meet the volume-to-capacity ratio (V/C) Performance Target identified in the Mobility Implementation Plan (1.0 or less). The average system intersection delay increases by less than 9 seconds during the PM peak period as a result of the bicycle network completion. Notably, more than 90% of all roadway space within the project area will still be dedicated to moving motor vehicles. This ultimately means that thousands of Bellevue residents and employees would have access to a low-stress bicycle route and most drivers would not experience a meaningful change in their travel times throughout the day or during rush hour.

The completion of the Bike Bellevue network will complement the extensive road network, enhanced transit services, and extensive sidewalk coverage in the project area to ensure that the densest portion of Bellevue has a high-performing, sustainable and multimodal transportation system.

travel times throughout the day or during rush hour.

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Frequently Asked Questions

- How was the area for Bike Bellevue determined?** —

Major capital projects and levy-supported projects are implementing bikeways in Bellevue’s downtown, Wilburton and BelRed neighborhoods; however, significant gaps in the network remain that limit access to and the utility of these investments. The neighborhoods in this project area collectively represent just 8.5% of the city geography but account for 52% of citywide transit usage, 65% of citywide jobs, 36% of citywide "high-injury network" and 34% of the city’s pedestrian and bicyclists involved in fatal and serious injury crashes.

In 2025, East Link light rail will serve five stations in the project area, and Eastrail will open new segments along the old rail corridor. Ensuring safe access for all travelers is critical as 30,000 new jobs and 27,000 new residents are anticipated in the project area by 2025.
- What types of bicycle projects will be implemented on streets?** +
- How is Bike Bellevue different from past bikeway projects?** +
- How will the Bike Bellevue projects be funded?** +
- How do I use this website and provide feedback?** +

Explore the proposed corridors

The City of Bellevue has identified 11 corridors to fill gaps in the existing network. Select a corridor below to learn more and provide your feedback. The [DRAFT Design Concepts Guide, September 2023](#) also provides an analysis of each corridor.

» **Corridor 01** - Northup Way / Northeast 20th Street

» **Corridor 02** - 102nd Avenue Northeast / Northeast 12th Street

» **Corridor 03** - Northeast 12th Street / Bel-Red Road

» **Corridor 04** - Bel-Red Road, 132nd to 148th Avenue Northeast

» **Corridor 05** - Bel-Red Road, 148th to 156th Avenue Northeast

» **Corridor 06** - Northeast First Street / Northeast Second Street

» **Corridor 07** - Lake Washington Boulevard Northeast

» **Corridor 08** - 100th Avenue Northeast

» **Corridor 09** - Wilburton Route

» **Corridor 10** - 116th Avenue Northeast

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- » [Corridor 04 - Bel-Red Road, 132nd to 148th Avenue Northeast](#)
- » [Corridor 05 - Bel-Red Road, 148th to 156th Avenue Northeast](#)
- » [Corridor 06 - Northeast First Street / Northeast Second Street](#)**
- » [Corridor 07 - Lake Washington Boulevard Northeast](#)
- » [Corridor 08 - 100th Avenue Northeast](#)
- » [Corridor 09 - Wilburton Route](#)
- » [Corridor 10 - 116th Avenue Northeast](#)



Bike Bellevue

Provide your feedback!

06 - Northeast 1st Street / Northeast 2nd Street

Review the conceptual design

Northeast 1st Street and Northeast 2nd Street are minor arterials in the heart of downtown Bellevue that provide a direct connection to Bellevue Downtown Park, the 108th Avenue Northeast bicycle corridor and other high density land uses.

The proposed design converts the westbound travel lane on Northeast 1st Street and Northeast 2nd street to a two-way protected bike lane on the north side of the street between 100th Avenue and Bellevue Way Northeast. The two-way curb-separated bike lane transitions to one-way bike lanes (mix of conventional, buffered, and separated buffered bike lanes) east of Bellevue Way Northeast, retaining one travel lane and the two-way left turn lane in each direction.

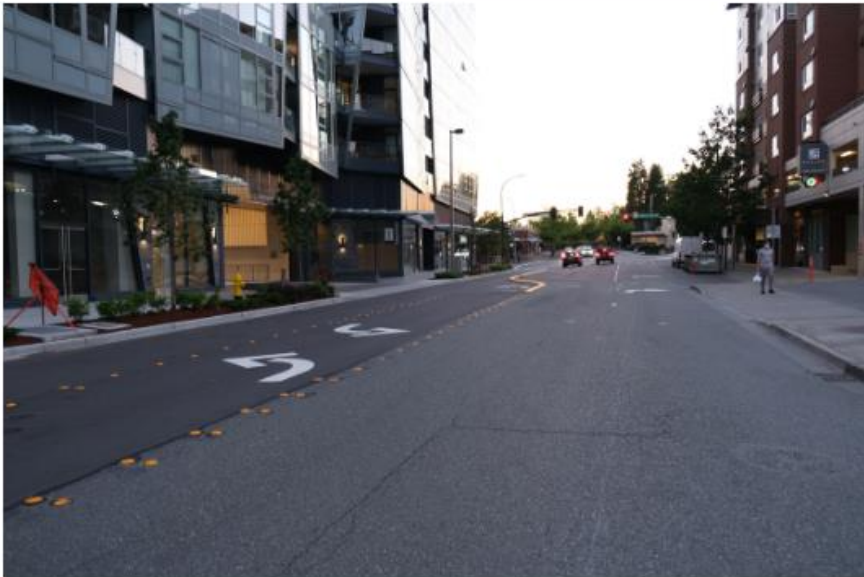
Existing

Proposed





View from Northwest corner of Northeast 2nd Street and Bellevue Way Northeast



View west along Northeast 2nd Street, west of 105th Avenue Northeast

Provide your feedback

We want to hear your thoughts, comments, questions, and suggestions. Read through the below draft strategies and actions to provide your input.

- Select the Guided Tour button below to see the most important parts of the document.
- While using the Guided Tour, hold 'Control' and '+' to zoom in, or '-' to zoom out.
- Select the Full Document button to scroll at your own pace.
- Click anywhere in the document to tell us what you think of the proposal, including what you like about it, anything you would change, or what is not clear.
- Select a yellow comment bubble to view other people's feedback and add your own comment.
- To view the PDF in a larger format, select the button with arrows pointing outwards, to the left of 'Table of Contents', for full-screen viewing.

The comment period for the proposed designs will close on Friday, November 17th, 2023. If you have questions about Bike Bellevue, visit the [project webpage](#).



CITY OF BELLEVUE TRANSPORTATION DEPARTMENT

BIKE BELLEVUE NE 1ST ST / NE 2ND ST CORRIDOR

CITY MANAGER
BRAD MIYAKE

DEPUTY MAYOR
JARED NIEUWENHUIS

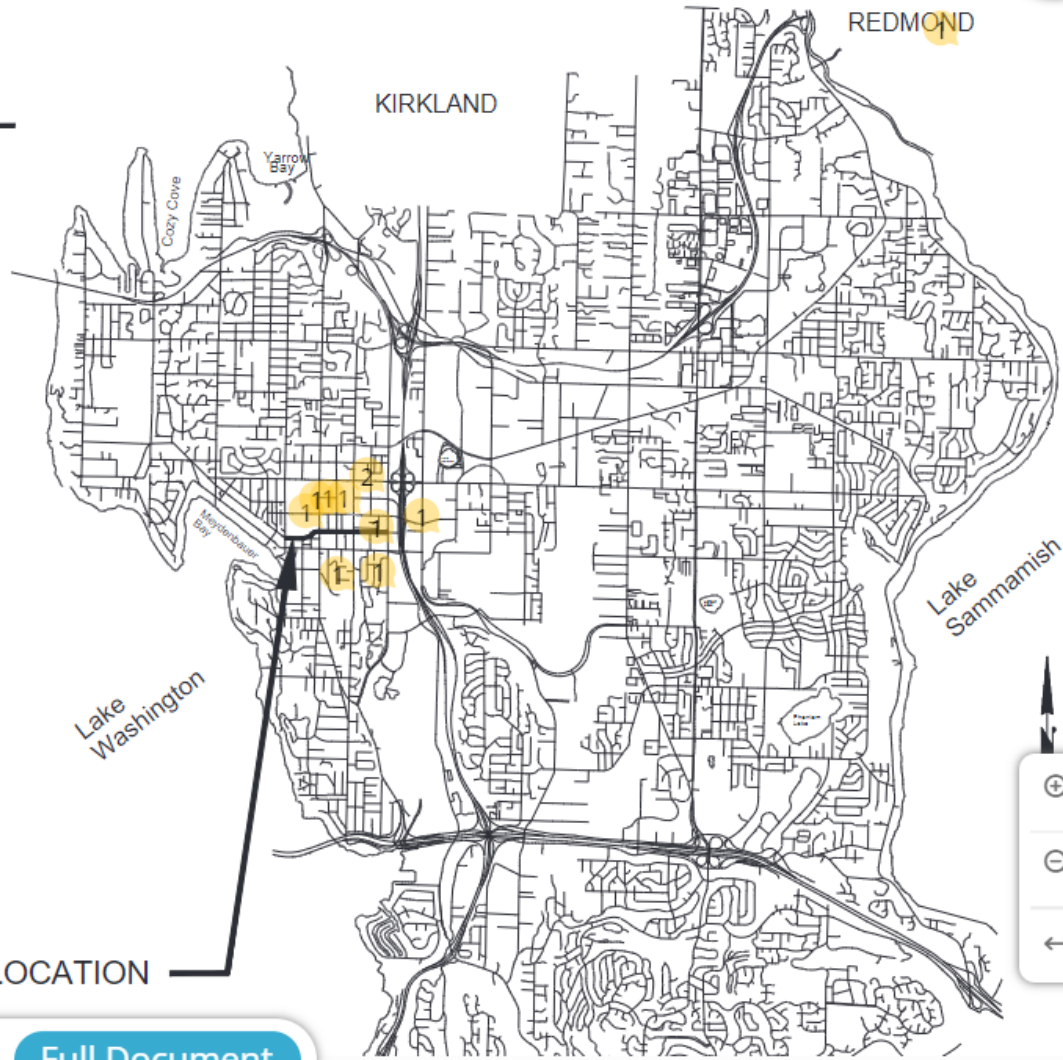
MAYOR
LYNNE ROBINSON

CITY COUNCIL
JEREMY BARKSDALE
CONRAD LEE
JENNIFER ROBERTSON
JOHN STOKES
JANICE ZAHN

DIRECTOR OF TRANSPORTATION
ANDREW SINGELAKIS

SCHEDULE OF DRAWINGS

SHEET	DRAWINGS
1	COVER SHEET
2A-9	ROADWAY PLANS

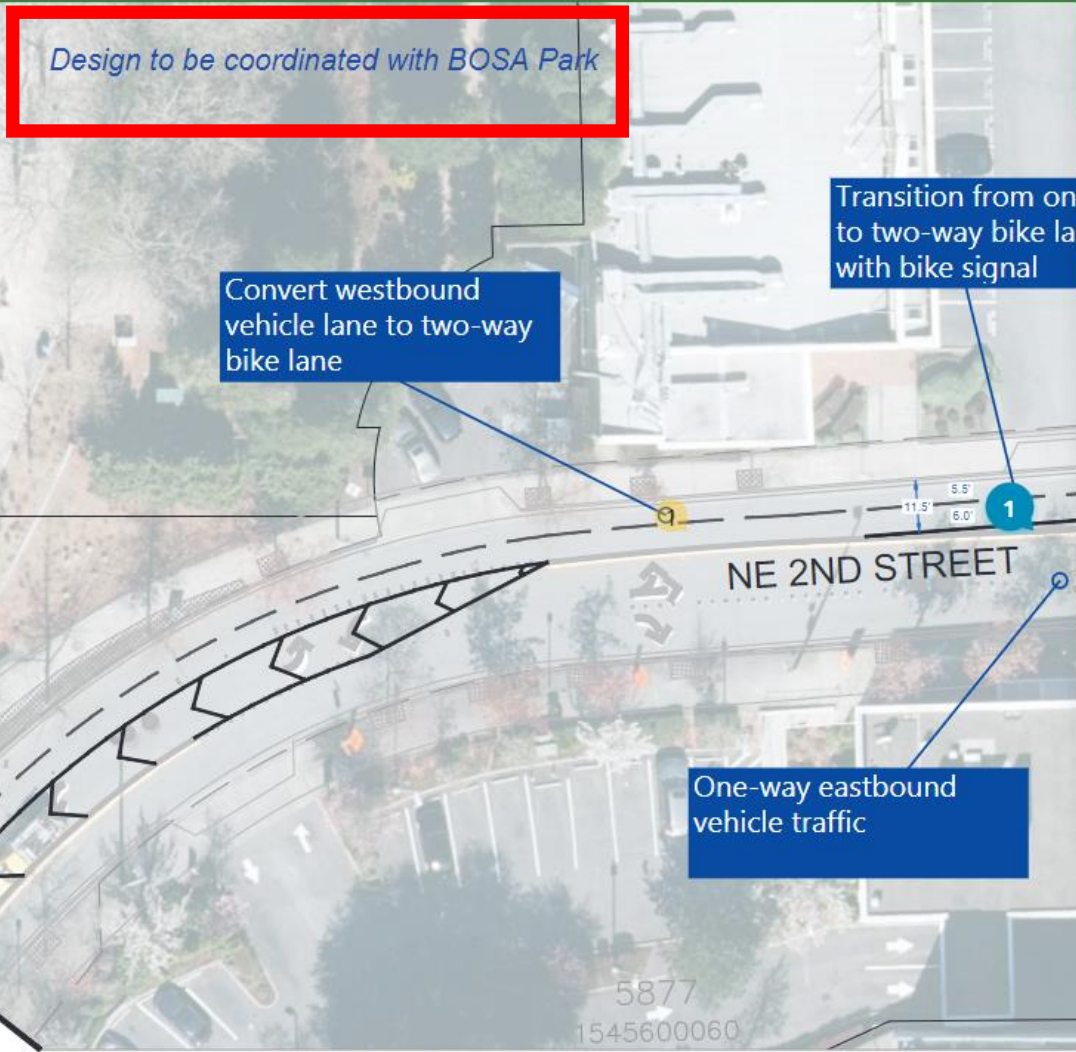


PROJECT LOCATION

[Guided Tour](#)

[Full Document](#)

Click anywhere in the document to add a comment. Select a bubble to view comments.



Comments

View all

Hide

araman0 Oct 4 2023 at 10:04AM

Suggestion



I bike that street once per week on my way from the office back to Seattle. Having a protected bike lane there would tremendously improve my experience as a biker, especially along the park where impatient cars have to wait behind me. Switching it to a 5 lane road that encourages higher speeds would be devastating to me as a biker.

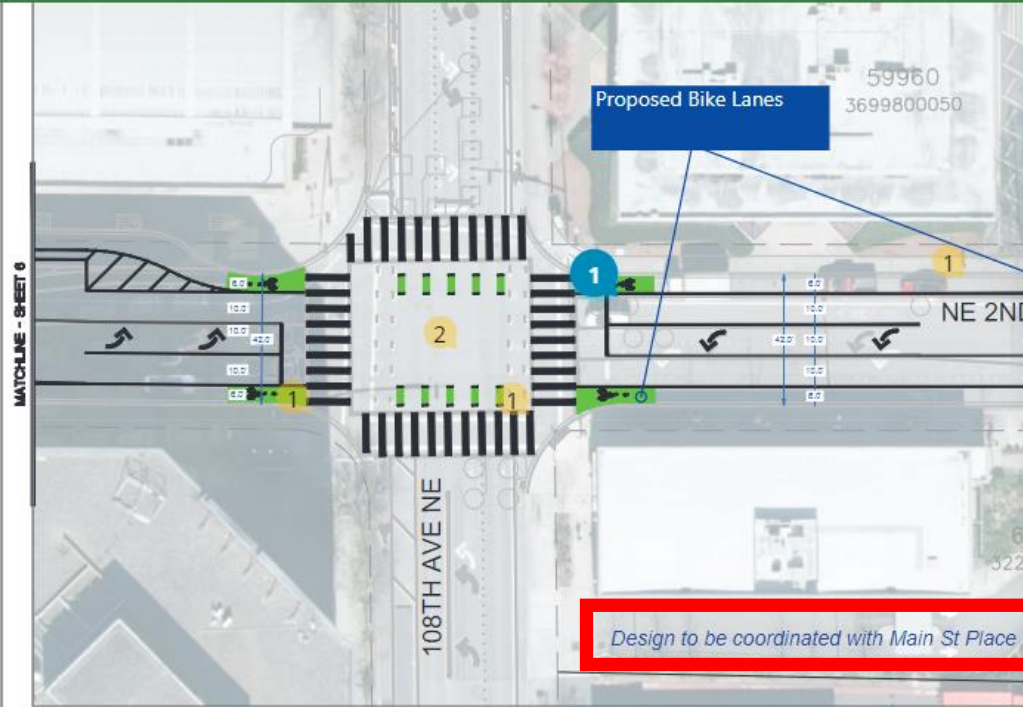
View all

Guided Tour

Full Document

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Click anywhere in the document to add a comment. Select a bubble to view comments.



Comments

View all

Hide

Sander Sep 19 2023 at 9:45PM

Suggestion



I'm assuming traffic signals will be installed for bikes here. Please let them turn green as soon as a cyclist approaches if cars already have green in the same direction. It is not nice to be waiting at every intersection while cars traveling in the same direction get a green light.

View all

alta

NO.	DATE	BY	APP.	REVISION

NO.	DATE	BY	APP.	REVISION



PRELIMINARY DESIGN

BIKE BELLEVUE
NE 1ST STREET / NE 2ND STREET CORRIDOR



CONCEPTUAL PLAN

SHT 7 OF

Guided Tour

Full Document

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Discussion

- Clarifying questions
- Discussion



Chamber of Commerce Engagement

- **December 14, 2023** – Bellevue staff will share themes from online engagement tool.
- **February 1, 2024** – Bellevue staff will prepare Chamber of Commerce representatives to effectively communicate the memberships' perspective in a follow-up stakeholder interview session.



For More Information

- **Project Webpage**

<https://BellevueWA.gov/bike-bellevue>

- **Franz Loewenherz**

Floewenherz@bellevuewa.gov or 425-452-4077



**Online Engagement Tool –
Comments by November 17, 2023**

<https://bikebellevue.konveio.com/>