

City of  
Bellevue



# Transportation Commission Study Session

**DATE:** September 28, 2017

**TO:** Chair Bishop and Members of the Transportation Commission

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**SUBJECT:** Pedestrian and Bicycle Implementation Initiative – Progress Report & Next Steps

## DIRECTION REQUESTED

Action

Discussion

Information

Guided by Council's [Program Principles](#) and the [PBII Scope of Work](#), the Transportation Commission and staff are working with community stakeholders on an action-oriented initiative to advance the projects and programs identified in the [2009 Pedestrian and Bicycle Transportation Plan](#). The Pedestrian and Bicycle Implementation Initiative (PBII) is composed of seven task elements:

Task 1 – Pedestrian and Bicycle Safety Assessment and Awareness Report  
 Task 2 – Bicycle Priority Corridor Design Report  
 Task 3 – Transit Master Plan and Pedestrian and Bicycle Integration Report  
 Task 4 – Pedestrian and Bicycle Implementation Strategy Report  
 Task 5 – Pedestrian and Bicycle Count Assessment Report  
 Task 6 – Bike Share Feasibility Analysis and Implementation Strategy Report  
 Task 7 – Progress Measurement and Management Report

At its September 28, 2017 meeting, staff will review with Commission the progress being made on these tasks. Some of the specific topics to be addressed include:

- 2017-18 Levy Bicycle Projects (Task 4): Staff will review progress on Bicycle Rapid Implementation Program (BRIP) projects planned for the 2017-18 biennium, including those

funded by the Neighborhood Safety, Connectivity, and Congestion Levy and those that have or will leverage funding from other sources (see Attachment 1).

- **Downtown BRIP Public Process (Task 4):** The Bellevue Downtown Association (BDA) has invited staff to engage in a consultative process to help inform bicycle facility investments in downtown. Staff will attend three BDA Transportation Committee meetings in fall 2017 to discuss bike share, opportunities for a bikeway demonstration project, and the framework for a Downtown Bicycle Network alternatives assessment to be completed in 2018 (see Attachment 2). Engagement of other stakeholder groups and the broader community will take place concurrently and subsequently in various forms still to be determined.
- **Bike Share Survey (Task 6):** In July 2017, the City of Seattle established a pilot permit program for private, free-floating, stationless bike share providers to operate without public financial investment. Several private bike share companies have expressed an interest in expanding their services into Bellevue, and some of their bikes have recently been seen in downtown. Bellevue Transportation staff will launch an online survey in early September to gauge the public's interest in potential bike share services in the downtown area (see Attachment 3). Early results will be shared with the Commission.
- **Bike Share Vendor Fair (Task 6):** In collaboration with King County Metro and its Eastside partners in Redmond, Kirkland, and Issaquah, Bellevue will host the Eastside Bike Share Vendor Fair event on September 27, 2017. Bike share operators are invited to attend to share information about their service offerings with local elected officials, community stakeholders, and the public. Transportation Commissioners are encouraged to attend to learn about recent developments in bike share and how such a service could offer a new mobility option for people traveling in Bellevue.

The details of next steps in the PBII work program will also be presented for Commission consideration and feedback.

## **ATTACHMENTS**

Attachment 1 – 2017-18 Levy Bicycle Projects

Attachment 2 – Bellevue Downtown Association (BDA) Downtown Bike Infrastructure Improvement Series Scope of Work

Attachment 3 – Bellevue Bike Share Survey

**Bicycle Rapid Implementation Program (BRIP) Projects, 2017-2018**

Levy ID	BRIP Project	Project Location	Project Limits	Project Description	Funding Sources	Facility Type(s)	Status	Est. Completion
<b>Q3 2017</b>								
2	PBC-13	Main St - Phase 1	100th Ave NE to 106th Ave NE	Buffered bike lane on the south side from Bellevue Way to 105th Ave, conventional bike lane on the north side from 103rd Ave to 106th Ave, and shared lane markings (sharrows) along the remainder of the corridor from 100th Ave to Bellevue Way.	DTP	Buffered Bike Lanes / Marked Shared Lanes	In Construction	Q3-2017
12	BN-27	SE Newport Way (East) - Phase 1	164th Ave SE to Lakemont Blvd SE	Buffered bike lanes from SE 42nd Pl to Lakemont Blvd SE. Intersection improvements at Lakemont Blvd SE will be installed separately as part of the 2018 Overlay Program.	Overlay, Levy	Buffered Bike Lanes	Complete	Q3-2017
19	BN-29	Village Park Dr SE	Lakemont Blvd SE to 179th Ave SE	Buffered bike lanes on both sides of Village Park Dr SE from Lakemont Blvd SE to 179th Ave SE.	Overlay, Levy	Buffered Bike Lanes	Complete	Q3-2017
20	PBC-4	106th Ave SE, Lake Wash Blvd SE	South City Limits to Lk Wash Loop Trail	Shared-lane markings (sharrows) on both sides of 106th Ave SE and Lake Washington Blvd SE from the south city limits to the Lake Washington Loop Trail. Overlay applied to southern half of corridor prior to bicycle improvements.	Overlay, Levy	Marked Shared Lanes	Complete	Q3-2017
26	BN-19	NE 24th St (Northwest Bellevue)	Bellevue Way NE to 108th Ave NE	Shared-lane markings (sharrows) on NE 24th St from Bellevue Way to 112th Ave NE.	Levy	Marked Shared Lanes	Design Complete	Q3-2017
31	PBC-1	108th Ave SE	Bellevue Way SE to Main St	Conventional bike lane on the east side of 108th Ave SE from Bellevue Way SE to SE 14th St and shared lane markings (sharrows) along the remainder of the corridor from Bellevue Way SE to Main St.	Overlay, Levy	Marked Shared Lanes / Conv. Bike Lanes	Complete	Q3-2017
39	PBC-1	108th Ave SE	SE 22nd St to Bellevue Way SE	Conventional bike lanes on both sides of 108th Ave SE from SE 22nd St to Bellevue Way and sidewalk improvements.	Ped-Bike Program	Conventional Bike Lanes	In Design	Q3-2017
--	PBC-8	140th Ave NE	NE 8th St to Northrup Way	Bike shoulders from NE 8th St to Bel-Red Rd and marked shared lanes (sharrows) along the remainder of the corridor.	Overlay	Marked Shared Lanes / Bike Shoulders	Complete	Q3-2017
--	BN-23	Richards Rd	SE Eastgate Way to Lake Hills Connector	Upgrade and extend existing bicycle facilities along Richards Rd. Convert conventional bike lanes to buffered bike lanes from SE 32nd St to south of Lake Hills Connector.	Grant, Overlay	Buffered Bike Lanes	In Construction	Q3-2017
<b>Q2 2018</b>								
8	PBC-16	SE 38th St	I-90 Overpass to 154th Ave SE	Conventional bike lanes on both sides of SE 38th St from the I-90 pedestrian/bike overpass to 150th Ave, and separated bike lanes on both sides of SE 38th St from 150th Ave SE to 154 Ave SE with an on-street pedestrian path on the north side.	Levy	Conv. Bike Lanes / Separated Bike Lanes	In Design	Q2-2018
9	BN-10	139th Ave SE	SE Eastgate Way to Kamber Rd	Conventional bike lanes on both sides of 139th Ave SE from SE Eastgate Wy to Kamber Rd. Between SE Eastgate Wy and SE 32nd St, a buffered lane will be installed on east side.	Levy	Conventional Bike Lanes	Design Complete	Q2-2018
12	BN-27	SE Newport Way (East) - Phase 2	152nd Ave SE to SE 42nd St	Intersection improvements at SE Newport Way and Lakemont Blvd SE in coordination with the 2018 Overlay Program. Conventional bike lanes, markings, and signage improvements connecting the complete buffered bike lanes at SE 42nd Pl to the I-90 pedestrian/bike bridge.	Overlay, Levy	Conventional Bike Lanes	In Design	Q2-2018
25	PBC-3	108th Ave NE	NE 12th St to NE 24th St	Conventional bike lanes from NE 12th St to NE 20th St and shared shoulders from NE 20th St to NE 24th St.	Levy	Conv. Bike Lanes / Marked Shared Lanes	In Design	Q2-2018
32	BN-6	124th Ave, 128th Ave	128th Ave from SE 7th Pl to NE 2nd St; NE 2nd St from 124th Ave NE to 128th Ave NE	Curb, gutter and sidewalk along west side of 128th Ave NE from SE 7th Place to NE 2nd Street and along east side of 118th Ave SE from Botanical Garden entrance on Main Street to 118th Avenue SE. Traffic circles to replace speed hump at SE 4th Place and 128th Ave. Flashing beacons in school zone for Elementary School #18 (Wilburton area). Shared lane markings (sharrows) on both sides of 128th Ave SE and NE 2nd Street. Coordination with Bellevue School District.	Levy	Marked Shared Lanes	In Design	Q2-2018
39	PBC-1	108th Ave SE	SE 34th St to SE 21st St	Shared lane markings (sharrows) on both sides of 108th Ave SE from SE 34th St to SE 22nd St.	Levy	Marked Shared Lanes	Design Not Yet Started	Q2-2018
<b>Q3 2018</b>								
1	BN-20	NE 24th St	Northrup Way to 520 Trail	Separated bike lanes on both sides of NE 24th St from Northrup Way to the SR 520 Trail (just west of 23rd Place).	Levy	Separated Bike Lanes	Design Not Yet Started	Q3-2018
7	BN-25	SE Eastgate Way	Richards Rd to I-90 Trail	Separated bike lanes from Richards Rd to SE 35th Pl and on-street pedestrian path adjacent to bike lane from Richards Rd to existing sidewalk west of 139th Ave SE, and conventional bike lanes from SE 35th Pl to the entrance of the I-90 Trail.	Levy	Separated Bike Lanes	In Design	Q3-2018
11	BN-26	SE Newport Way (West of 150th)	Factoria Blvd SE to 130th Pl SE; Allen Rd to Somerset Blvd	Conventional bike lanes on both sides of SE Newport Way from Factoria Blvd to 130th Place SE, extending existing bike lanes west to complete the connection to the intersection with Factorial Blvd SE. Reconfigure roadway between 129th Pl SE and 130th Pl SE to provide on-street parking lane and buffered bike lane.	Overlay, Levy	Conventional Bike Lanes	Design Not Yet Started	Q3-2018
12	BN-27	SE Newport Way (East) - Phase 3	152nd Ave SE to SE 42nd St	Conventional bike lanes on both sides of Newport Way from 152nd Ave SE to SE 42nd Pl.	Overlay, Levy	Conventional Bike Lanes	Cancelled	Q3-2018
23	PBC-6	112th Ave NE, 108th Ave NE	NE 12th St to NE 24th St, NE 38th Pl to ERC Trail	Two new rapid flashing beacon at midblock crossings between NE 12th and 24th Sts, separated bike lanes installed in three corridor segments, on-street pedestrian path along one segment, and repair tree root-damaged sidewalks.	Levy	Separated Bike Lanes / Conv. Bike Lanes	In Design	Q3-2018
33	PBC-14	SE 8th St	114th Ave SE to Lake Hills Connector	Conventional bike lanes on both sides of SE 8th St from 114th Ave SE to Lake Hills Connector.	Levy	Conventional Bike Lanes	Design Not Yet Started	Q3-2018
42	BN-12	156th Ave SE	SE 24th St to Lake Hills Blvd	Install buffered bike lanes from SE 24th St to SE 20th St and conventional bike lanes from SE 20th St to Lake Hills Blvd.	Levy	Conv. Bike Lanes / Separated Bike Lanes	In Design	Q3-2018
<b>Q4 2018</b>								
45	DBRIP	Downtown Bellevue		This project will complete planning, community engagement, and pre-design toward the development of a Downtown Bicycle Network. It may also include the design and installation of a bikeway demonstration project, to be determined through the public process.	Levy	To Be Determined	In Progress	Q4-2018

## **Downtown Bike Infrastructure Improvement Series**

*Add your voice to the discussion about potential bicycle corridors in Downtown Bellevue. The City has funding from the Neighborhood Safety, Connectivity, and Congestion Levy, approved by voters in November 2016, to implement bicycle facility improvements citywide. As part of the City's broader engagement with the community, the BDA will provide input on how to improve bicycle accommodations in Downtown.*

### **Overview**

**The BDA has asked the Bellevue Transportation Department to engage in a timely discussion about how to make Downtown a comfortable, safe, and attractive place for people to bike.** This effort is part of the City's [Pedestrian and Bicycle Implementation Initiative](#) (PBII), which was commenced by Council in February 2015 to advance projects and programs identified in the [2009 Pedestrian and Bicycle Transportation Plan](#).

### **Scope of Work**

At these meetings, the BDA Transportation Committee will explore the following three topics:

- 1. Bike Share** – Privately funded, free-floating, stationless bike share services recently began operating in Seattle, and some of those companies are interested in expanding to Bellevue. The BDA will consider whether, when, and how Bellevue could expand mobility options to include these or other bike share services.
- 2. Demonstration Bikeway Project** – The BDA will consider options for introducing the first high comfort bikeway to Downtown. Using temporary and low-cost treatments, this demonstration will provide a real-world opportunity to evaluate how state-of-the-art bikeway design concepts fit and function in the Bellevue context.
- 3. Downtown Bicycle Network** – The City will undertake a rigorous alternatives assessment in 2018 that weighs the benefits and trade-offs for all modes associated with implementing a connected, protected network of bicycle facilities in Downtown. The BDA will help to identify which corridors could be included in that assessment and inform the principles used to balance the needs of all street users.

### **Schedule & Process**

#### **Thursday, September 28, 12–1:30pm**

- City Staff will introduce the Committee to Bellevue's plans, policies, goals, and ongoing initiative to implement a connected network of safe bicycle facilities that attracts more people to travel by bike. City Staff will address why this is important, how other cities have been successful, and how this will benefit people who live, work, and play in Downtown.
- City Staff will describe the opportunities and issues associated with introducing bike share to Downtown and seek initial feedback from the BDA Transportation Committee about interest and concerns.
- City Staff will identify potential corridors where a demonstration bikeway project may be considered, describe how this might fit into a broader Downtown Bicycle Network, and seek initial feedback from the BDA Transportation Committee on preferred location(s) and limits for the demonstration project.

#### **Thursday, October 26, 12–1:30pm**

- Based on Committee feedback from 9/28, City Staff will facilitate an in-depth discussion about how a demonstration bikeway project could be pursued, including design alternatives, tradeoff considerations, trial period length, and measures to evaluate performance.
- City Staff will facilitate an in-depth discussion about which corridors could be included in an alternatives assessment of potential Downtown Bicycle Network configurations and seek feedback from the BDA Transportation Committee on principles that inform how to address situations involving tradeoffs.
- City Staff will address questions and concerns about bike share and provide a draft framework for permitting private bike share services to operate in Bellevue for the BDA Transportation Committee to review and provide feedback on.

#### **Thursday, November 16, 12–1:30pm**

- City Staff will return to address any unanswered questions.
- Transportation Committee will conduct an internal review and discussion, followed by driving consensus on a recommendation regarding the three items of scoped work. The recommendation will be presented to the BDA Board of Directors at the 12/19 meeting. The Board will vote on a position that will be communicated to Bellevue Transportation Commission and City Council.



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## Bicycling and Bike Share in Bellevue

The City of Bellevue is exploring the public's interest in potential bike share services in Downtown and other areas as part of the [Pedestrian and Bicycle Implementation Initiative](#) (PBII). Let us know what you think about bicycling in Downtown Bellevue, your familiarity with bike share in other cities, and your thoughts about seeing bike share come to Bellevue.

This survey contains 17 questions and should take less than 10 minutes to complete. Click "Next" below to get started!

For more information about what bike share is, how it works, and the different kinds of programs now operating in more than 100 cities across the country, visit our [PBII Bike Share webpage](#).



## 1. How do you get around on a regular basis? Select all the different transportation modes you use frequently.

- |  |   |
|--|---|
| <input type="checkbox"/> Walk                                  | <input type="checkbox"/> Carpool/Vanpool                          |
| <input type="checkbox"/> Personal Bike                         | <input type="checkbox"/> Rideshare (e.g. Uber, Lyft, Scoop)       |
| <input type="checkbox"/> Bike Share (e.g. Spin, LimeBike, ofo) | <input type="checkbox"/> Taxi                                     |
| <input type="checkbox"/> Link light rail                       | <input type="checkbox"/> Carshare (e.g. car2go, ReachNow, ZipCar) |
| <input type="checkbox"/> Bus                                   | <input type="checkbox"/> Personal Car                             |

## 2. How often do you typically ride a bike in Downtown Bellevue?

- |   |   |
|---|---|
| <input type="radio"/> Multiple times a week | <input type="radio"/> A couple times per year |
| <input type="radio"/> About once a week     | <input type="radio"/> Never                   |
| <input type="radio"/> Once or twice a month |   |

## 3. Why do you ride a bike in Downtown Bellevue? (Select all that apply)

- Get to or from transit
- Go to/from work
- Go to/from school
- Personal errands/appointments
- Work meetings/appointments
- Social activities/dining
- Shopping
- Exercise/recreation
- Not applicable / I do not bike in Bellevue
- Other (please specify)

**4. Do you feel that Downtown Bellevue is a safe place to ride a bike today?**

- Yes, very safe
- Yes, somewhat safe
- No, somewhat unsafe
- No, very unsafe

**5. Which of the following do you feel best describes your relationship to bicycling?**

- Strong and fearless** - I am an experienced cyclist and will ride just about anywhere
- Enthusiastic and confident** - I enjoy bicycling and will sometimes ride in mixed traffic, but I prefer bike lanes or off-street paths
- Interested but concerned** - I would like to bicycle more often but do not feel safe mixing with traffic, so I would only ride in separated bike lanes or on off-street paths
- No way, no how** - I do not bicycle and have no interest in bicycling



## 6. On a typical street in Downtown Bellevue, what would be your level of comfort with riding on each of the following types of bike facilities?

	Very Uncomfortable (--)	Somewhat Uncomfortable (-)	Somewhat Comfortable (+)	Very Comfortable (++)
<b>Unmarked Shared Lanes - No bike accommodations; people on bikes share lanes with traffic</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Sharrows - Markings indicate where to ride, but no dedicated space for people on bikes</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Bike Lanes - Standard 5-foot wide painted bike lanes for exclusive use by people on bikes</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Buffered Bike Lanes - Bike lanes with 2-3 feet of extra separation from traffic with paint</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>Protected Bike Lanes - Bike lanes separated from traffic with posts, planter boxes, or curbs</b>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>





## 7. Have you used any of the following types of bike share programs in other cities? Select all that apply.

- Station-based bike share**, like those operating in New York City, Chicago, San Francisco, Washington D.C., and formerly in Seattle. Users must pick up and drop off bikes from fixed bike share stations. Bikes are unlocked either with a member key or by buying a pass from the kiosk.
- Hub-based bike share**, like those operating in Portland and Phoenix. Users can pick up and drop off bikes from branded bike share hubs or use the included lock to secure the bike to any bike rack (for a small additional fee). Bikes are unlocked by entering a code into the GPS unit attached to the bike.
- Free-floating bike share**, like those operating in Seattle since July 2017 (i.e., Spin, LimeBike, ofo). Users can pick up and drop off bikes from anywhere as long as the bike does not block sidewalks, streets, bus stops, or crosswalks. Bikes must be unlocked using a smartphone app.
- I have never used any bike share before**
- I have used bike share but don't know what kind it was.** Please specify where you used bike share:

## 8. Please rank the following qualities in order of importance for you in a bike share service:

⋮	<input style="width: 100%; height: 20px;" type="text"/>	Bicycle safety/maintenance	<input type="checkbox"/> N/A
⋮	<input style="width: 100%; height: 20px;" type="text"/>	Bicycle convenience/service area and number of bikes in system	<input type="checkbox"/> N/A
⋮	<input style="width: 100%; height: 20px;" type="text"/>	Bicycle location reliability/predictable stations or hubs	<input type="checkbox"/> N/A
⋮	<input style="width: 100%; height: 20px;" type="text"/>	Bicycle parking flexibility/lock anywhere or to any bike rack	<input type="checkbox"/> N/A
⋮	<input style="width: 100%; height: 20px;" type="text"/>	Cost for a single-ride or short-term use	<input type="checkbox"/> N/A
⋮	<input style="width: 100%; height: 20px;" type="text"/>	Cost for an annual membership	<input type="checkbox"/> N/A



## 9. If a bike share service was available in Bellevue today, would you use bike share in Bellevue?

- Yes, I would use bike share in Bellevue
- No, I would not use bike share
- I don't know

Please explain why or why not.

## 10. If a bike share service was available in Bellevue today, in which parts of the city would you use bike share?

- Downtown Bellevue
- BelRed
- Crossroads
- Eastgate/Factoria
- Lake Hills
- Other residential areas
- None, I would not use bike share



The next three questions relate specifically to bike share in **Downtown Bellevue**.

**11. If a bike share service was available in Downtown Bellevue today, how much more often would you ride a bike in Downtown Bellevue than you do now?**

- Much more often
- Somewhat more often
- About the same

**12. If a bike share service was available in Downtown Bellevue today, where would you typically ride?**

- On the street in lanes shared with motor vehicle traffic
- On the sidewalk
- I would not ride bike share in Downtown Bellevue today

**13. If a network of comfortable and safe bicycle facilities were available in Downtown Bellevue, how much more often would you ride a bike (your own or bike share) in Downtown Bellevue than you do now?**

- Much more often
- Somewhat more often
- About the same



## 14. Do you live in Bellevue?

- Yes
- No

If no, please tell us what city you live in:

## 15. Which of the following best describes where you work?

- |   |   |
|---|---|
| <input type="radio"/> Downtown Bellevue | <input type="radio"/> Other area in Bellevue                                  |
| <input type="radio"/> BelRed            | <input type="radio"/> Other Eastside city (i.e., Redmond, Kirkland, Issaquah) |
| <input type="radio"/> Crossroads        | <input type="radio"/> Seattle   |
| <input type="radio"/> Eastgate/Factoria | <input type="radio"/> Other   |
| <input type="radio"/> Lake Hills        |   |

If you selected one of the "Other" options above, please tell us more about what area you work in:

## 16. Do you have any comments or concerns you would like to share about the possibility of bike share coming to Bellevue?

## 17. The City of Bellevue is working with businesses to determine the needs of people who bike or want to bike here. If you work for a business in Bellevue, please tell us which one so we can share the perspectives of their employees with them:



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## Bicycling and Bike Share in Bellevue

**Thank you for taking the time to participate in this survey. Your input matters to us. Please click "Done" below to submit your responses.**

If you represent a business or organization that wants to get involved in the Pedestrian & Bicycle Implementation Initiative, contact Franz Loewenherz, principal transportation planner (425-452-4077 or [FLoewenherz@bellevuewa.gov](mailto:FLoewenherz@bellevuewa.gov)).

For general questions about bicycling in Bellevue or levy projects to implement new or upgraded bicycle facilities, contact Andreas Piller, associate planner (425-452-2931 or [APiller@bellevuewa.gov](mailto:APiller@bellevuewa.gov)).