



# MEMORANDUM

DATE: October 2, 2008

TO: Transportation Commission

FROM: Kristi L. Oosterveen, Capital Programming Coordinator  
Eric Miller, Implementation Planning Manager  
Franz Loewenherz, Senior Transportation Planner

SUBJECT: Prioritization of Pedestrian & Bicycle Plan Projects for the CIP & TFP Updates

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On October 9, staff will return to the Commission to continue the discussion regarding the prioritization of pedestrian and bicycle projects for the 2009-2015 Capital Investment Program (CIP) Plan and 2009-2020 Transportation Facilities Plan (TFP) Updates.

On September 25, the Transportation Commission provided process framework input to staff for the determination of pedestrian and bicycle system investment priorities for inclusion in the CIP and TFP updates. The Commission suggested two key guidelines as follows, 1) generally split the CIP and TFP funding placeholder allocations 50-50 between priority bicycle corridor and pedestrian facility investment; and 2) select a project array that will help to accomplish a policy objective of the Commission's recommended Pedestrian and Bicycle Transportation Plan update:

POLICY PB-2. Upon update of the Pedestrian and Bicycle Transportation Plan in 2008, the City will focus on accomplishing a number of specific short and mid-term implementation objectives. Specifically:

- Within 10 years of plan adoption, implement at least *two* completed, connected, and integrated north-south and at least *two* east-west bicycle routes that connects the boundaries of the city limits, and connects to the broader regional bicycle system.
- Within 5 years of plan adoption, implement at least one completed and connected east-west and north-south bicycle route through Downtown Bellevue.
- Within 10 years of plan adoption, reduce pedestrian/vehicle and bicycle/vehicle accidents by 25 percent (from 2007 levels).
- Within 10 years of plan adoption, construct 25 more miles of sidewalks along arterial streets (including collector arterials) above 2007 levels.
- Within 10 years of plan adoption, increase trips by bicycle and foot by 10 percent (over 2007 levels).

### Bicycle Corridor Priorities

As staff indicated at the September 25<sup>th</sup> meeting, two priority north-south corridors are likely the most feasible and affordable to completely implement. These are NS-2 and NS 5 (again refer to the Ped/Bike Plan lists and maps provided for your July 31<sup>st</sup> meeting). Also refer to Attachment 1 to this memo, a list and map of Bike Corridor Project Priorities for Commission Consideration. A substantial portion of one east-west corridor may be most feasible to implement in the near term, EW-3, or the Lake to Lake Trail. The full eastern half of this corridor could be completed

with funding of the segment between 148<sup>th</sup> and 156<sup>th</sup> Avenues NE. This segment would also directly connect to completed/funded segments of a north-south priority corridor, NS-4, along the 140<sup>th</sup> Avenue/145<sup>th</sup> Place SE alignment. Staff has begun work to further scope and cost estimate the incomplete segments of these priority bike corridors. Cost information developed in time for the meeting will be presented.

Related to the implementation of north-south and east-west bike corridors through Downtown, staff offers that the Commission may consider an indication of priority, short of a specific funding recommendation. Downtown segments of priority Bike Corridors NS-1, along 108<sup>th</sup> Avenue NE, and EW-3, along Main Street (with associated Pedestrian improvements), could be implemented in coordination with programmed Supplemental CIP investment in Great Streets and Mid-block Crossings or through private development. Associated with separate ongoing efforts, staff is analyzing options for these corridors that should be consistent with Ped/Bike Plan priorities. Funding limitations, and the probability that no cost numbers will be available in the near term, may dictate that investment recommendations, if desired, be limited to placeholder amounts.

#### Pedestrian System Priorities

Staff is working on updating cost estimates for eight of the remaining 26 high priority neighborhood sidewalk projects for discussion at the October 9 meeting. Using the Commission's prioritized neighborhood sidewalk list and map from April 2007 (Attachment 2), staff selected the top six unfunded priority projects and two others, priorities 23 and 24 for cost evaluation. Priority No. 23, an improved sidewalk along Lake Hills Blvd. was specifically discussed at the Sept. 25<sup>th</sup> meeting. Priority No. 24, SE 16<sup>th</sup> Street – 148<sup>th</sup> Avenue SE to 154<sup>th</sup> Avenue SE could be implemented in coordination with the segment of priority bike corridor EW-3, discussed above. It is staff's intent to share updated cost information for these projects at the October 9 meeting.

Staff has also identified a sidewalk priority adjacent to the NS-2 bicycle corridor, discussed above, for the Commission's consideration. This project (Ped/Bike Plan Project No. S-303-W) would add sidewalk and a planter strip along the west side of 112<sup>th</sup> Avenue NE from 108<sup>th</sup> Avenue to south of NE 24<sup>th</sup> Street. Staff will prepare a preliminary cost estimate for this improvement as well.

#### Other Investment/Allocation Options

- A. The Commission indicated support for a programmatic investment to support pedestrian/bicycle safety and education. Staff has developed the following concept for the Commission's consideration:

##### Bike/Walk Smart Bellevue

This safety and education program will contribute toward meeting the following two broad goals articulated in Policy PB-2 of the Pedestrian and Bicycle Transportation Facility Plan:

- Within 10 years of plan adoption, reduce pedestrian/vehicle and bicycle/vehicle accidents by 25 percent (from 2007 levels).
- Within 10 years of plan adoption, increase trips by bicycle and foot by 10 percent (over 2007 levels).

To help meet these goals, the City would retain the assistance of a consultant to establish partnerships with local groups and organizations to educate pedestrians, bicyclists, and motorists about how to co-exist safely in the roadway environment. The education campaigns would begin with interaction between the consultant and active community organizations. The consultant would invite neighborhood and business organizations to review the draft education campaign to ensure that it can be as effective as possible.

Bike/Walk Smart Bellevue would bring an exciting program of group bike rides, repair bike clinics, neighborhood oriented walk/bike maps, and special events to neighborhoods to encourage families and individuals to walk and cycle more often and more safely. Established as a three-year public education project, Bike/Walk Smart Bellevue activities would be implemented citywide. [*Project Budget: \$300,000 for a three year program.*]

The safety and education program concept described above could also be combined with a potential programmatic investment in pedestrian/bicycle safety currently under evaluation in the City Manager's Office. Arising out of a long list of the City's operating budget needs, a small set of citywide priority investments, including funding for new staff positions, is being considered for inclusion in the City's "base CIP" update. Staff will provide additional information about the Pedestrian/Bicycle Safety Program and the base CIP update exercise at the meeting on the 9<sup>th</sup>.

- B. Enhancement to the existing Pedestrian Access Improvements CIP program (CIP Plan No. PW-w/B-56). This ongoing program is currently funded with \$400K per year. The program typically funds construction of small pedestrian and bicycle improvements that enhance mobility and access. The program also leverages grant funds, and in partnership with other City programs (i.e. Neighborhood Enhancement Program), may be used to construct larger scale projects. Earlier this year, associated with a review of all existing ongoing CIP programs, the Commission indicated support for a \$100K bump to the program's annual budget, a \$700K investment over the 7-year CIP.
- C. An investment in preliminary design for the Mountains to Sound Greenway corridor project. Development of a defined scope and cost estimates for missing segments of the corridor would better enable the City to partner with neighboring jurisdictions and the State to create a multi-use trail from the Factoria area to the east. The Mountains to Sound Greenway corridor is also a high priority east-west bicycle corridor in the Ped/Bike Plan Update (EW-4).
- D. Enhancement to the current placeholder investment in the West Lake Sammamish Parkway project. There is currently over \$6.5 million committed in the CIP. While preliminary design work proceeds, it is evident that additional resources will be necessary to implement a meaningful first segment of the 5-mile corridor project. West Lake Sammamish Parkway corridor is also a high priority north-south bicycle corridor in the Ped/Bike Plan Update (NS-6).
- E. Enhancement to the current placeholder investment in the Northup Way Corridor Improvements project. There is currently over \$1 million committed in the CIP. A pre-design process was recently completed which determined that the project's implementation could be phased, but additional resources will be necessary for any meaningful implementation. The Northup Way project runs parallel and could provide an interim facility along the

alignment of the high priority east-west bicycle corridor, EW-1, which indicates a separated off-street facility extending the SR 520 trail in this vicinity.

#### Next Steps

Based on more specific Commission feedback related to the project concepts discussed above, or other investment priorities, staff will continue to refine project scopes and costs. Continued discussion on this subject is included on the Commission's proposed October 23<sup>rd</sup> agenda. The ultimate goal is to have the Commission finalize its CIP and TFP pedestrian and bicycle project priority recommendations to the Council this fall. If this goal cannot be achieved by the October 23<sup>rd</sup> meeting, additional time may be calendared in November.

If you have any questions or need any additional information prior to the meeting, please contact Kristi at (425) 452-4496 or email [koosterveen@bellevuewa.gov](mailto:koosterveen@bellevuewa.gov).

Attachments

## Bicycle Corridor Project Priorities for Commission Consideration

### NS-2 – Lake Washington Loop Trail

#### 108<sup>th</sup> Avenue NE/112<sup>th</sup> Avenue NE/114<sup>th</sup> Avenue NE/SE Corridor

**B-101-E/B-101-W:** Add 5 foot-wide bike lane on the east and west sides of 108<sup>th</sup> Avenue NE and NE 38<sup>th</sup> Street from the northern city limits to Northup Way.

**B-104-E/B-104-W:** Add 5 foot-wide bike lanes on the east and west side of 112<sup>th</sup> Avenue NE from Northup Way to NE 12<sup>th</sup> Street.

**B-126-E/B-126-W:** Add 5 foot-wide bike lanes on the east and west side of 112<sup>th</sup> Avenue NE from NE 12<sup>th</sup> Street to NE 6<sup>th</sup> Street.

**B-127-E/B-127-W:** Add 5 foot-wide bike lanes on the east and west side of 114<sup>th</sup> Avenue NE (Frontage Road) from NE 6<sup>th</sup> Street to SE 8<sup>th</sup> Street. Implement mid-block connections through redevelopment and complete a 10 foot connection along the north side of NE 6<sup>th</sup> Street HOV ramp.

**Associated sidewalk project priority - S-303-W:** Add a 6 foot-wide sidewalk and 4 foot-wide planter strip along the west side of 112<sup>th</sup> Avenue NE from 108<sup>th</sup> Avenue NE to 400' south of NE 24<sup>th</sup> Street.

### NS-5 – Spirit Ridge - Sammamish River Connection

#### 164<sup>th</sup> Avenue NE/SE Corridor

**B-301-E/B-301-W:** Add a shared shoulder on the east and west side of 164<sup>th</sup> Avenue NE from NE 18<sup>th</sup> Street to Northup Way.

**B-122-E/B-122-W:** Add 5 foot-wide bike lanes on the east and west side of 164<sup>th</sup> Avenue NE from Northup Way to NE 8<sup>th</sup> Street.

**B-302-E/B-302-W:** Add a shared shoulder on the east and west side of 164<sup>th</sup> Avenue NE from NE 8<sup>th</sup> Street to Lake Hills Boulevard.

### EW-3 – Lake to Lake Trail

#### SE 16<sup>th</sup> Street Corridor

**B-141-N/B-141-S:** Add 5 foot-wide bike lanes on the north and south side of SE 16<sup>th</sup> Street from 148<sup>th</sup> Avenue SE to 156<sup>th</sup> Avenue SE.

**Associated sidewalk project priority - S-346-N/S-346-S:** Add a 6 foot-wide sidewalk and 4 foot-wide planter strip on the north and south side of SE 16<sup>th</sup> Street from 148<sup>th</sup> Avenue SE to 156<sup>th</sup> Avenue SE, where not complete. (Also part of the neighborhood sidewalk projects list)

### EW-4 – Mountains to Sound Greenway Factoria area to the east

O-137-N: A paved multiuse trail of 10 feet or greater paved width is proposed beginning at the current end of the trail at Factoria Blvd and running eastward along the north side of SE 36th St to the curve near the southwest quadrant's ramps of the 148th-150th Ave SE interchange, then following a new independent alignment to the 150th Avenue SE/SE 37th St intersection at 150th Ave SE. Eastward from 150th Ave SE the trail would follow SE 37th St (which here serves as an I-90 frontage road) to the Sunset Pedestrian Bridge where cyclists will cross to the north side of I-90 and make use of the Sunset Trail to WLSP. Construction of the recommended MTSG I-90 trail links such as the segment along SE 36th St should not eliminate existing on-street bicycle facilities; the latter should be maintained, and improved where improvement is needed, such as in the vicinity of the 148th-150th Ave interchange as SE 36th St curves to become SE 37th St. Additional coordination between City of Bellevue, WSDOT, King County, and Greenway Trust required to study this route.

### Downtown Area

#### NS-1 – Enatai-Northtown Connection 108<sup>th</sup> Avenue NE Corridor

B-125-E/B-125-W: Add 5 foot-wide bike lanes on the east and west sides of 108th Avenue NE from NE 12th Street to Main Street.

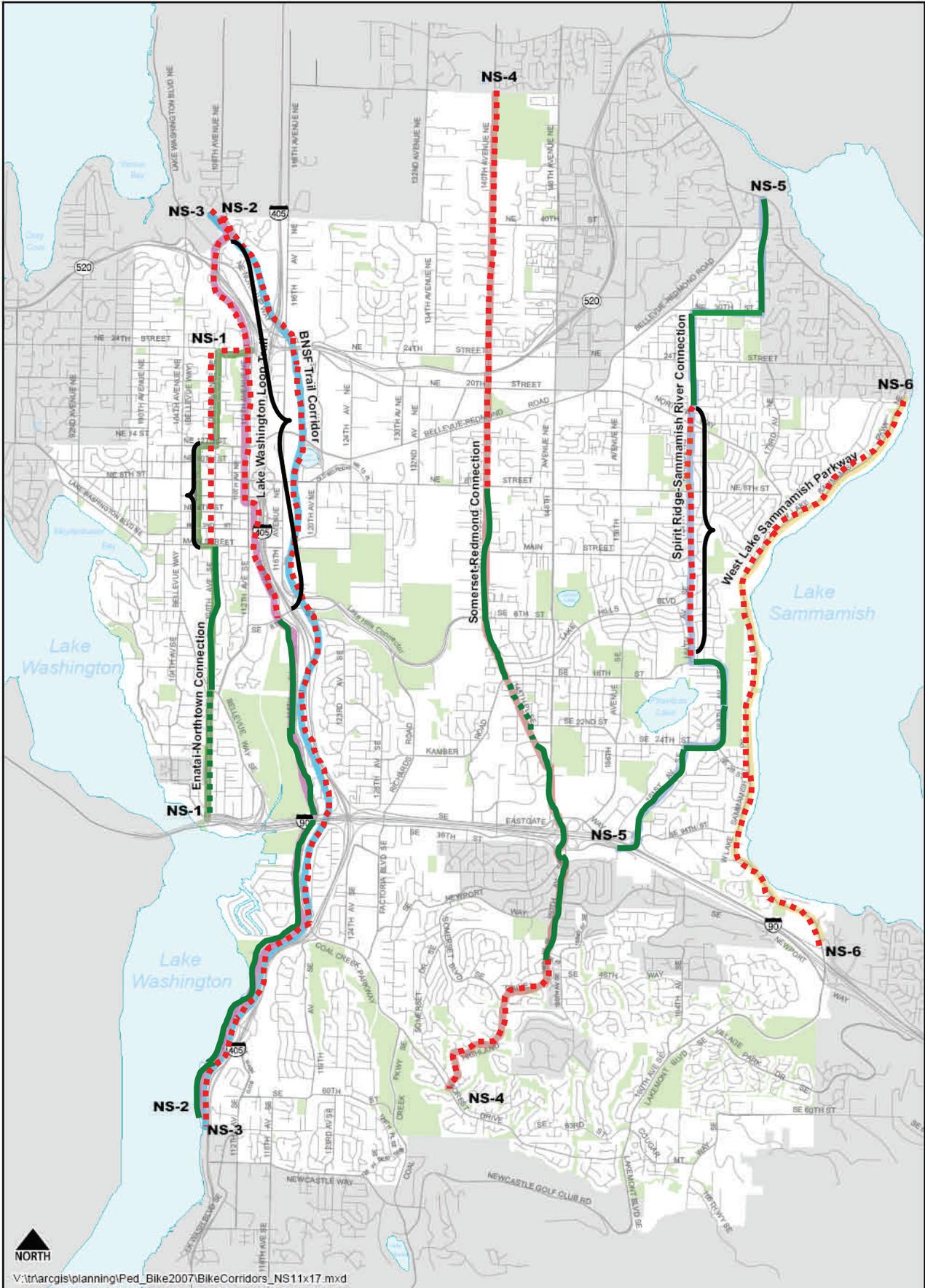
#### EW-3 – Lake to Lake Trail Main Street Corridor

O-121-S: Add a 10 to 14 foot wide off street path on the south side of Main Street from Bellevue Way NE to 116th Avenue NE.

B-129-N: Add a 5 foot-wide bike lane on the north side of Main Street from Bellevue Way NE to 116th Avenue NE.

B-210-N/B-210-S: Add a wide bike shoulder on the north and south sides of Main Street from 100th Avenue NE to Bellevue Way NE.

# North-South Priority Bicycle Corridors



# East-West Priority Bicycle Corridors



**Neighborhood Sidewalk Priorities**  
**Bellevue Transportation Commission**  
 Approved on April 26, 2007

4/26/07 Commission Priority Ranking	Map #	Project Name/Location	Project Description (Existing Facilities)	Cost Estimate (\$000s)*	Cumulative Cost Estimate (\$000s)	Project Length (Feet)	Cost per Foot (\$)
1	WD-2	128th Avenue SE - SE 25th to SE 32nd Streets	Construct curb, gutter and 6' sidewalk, place curb 14' from center of roadway on the west side of street (SE 25th St to SE 26th St) and the east side of street (SE 26th St to SE 32nd St). Planter strip where feasible.	1,015	1,015	2,350	432
2	S/ELH-2	SE 26th Street Non motorized Improvements - SE 24th Street to West Lake Sammamish Parkway	Construct curb, gutter and 6' sidewalk on south side; accommodate future bike lane and planter strip where feasible.	1,080	2,095	1,750	617
3	BT-1	NE 40th Street - 140th Avenue NE to 14500 block	Construct curb, gutter and 6' sidewalk on north side of NE 40th Street from 140th Avenue NE to east of the 14500 block. Wide curb lanes. Planter strip where feasible.	2,250	4,345	1,940	1,160
4	NP-2	123rd Avenue SE - SE 60th Street to SE 64th Place	Construct curb, gutter and 6' sidewalk on west side where missing between SE 60th Street and SE 64th Place; sign bike route.	765	5,110	1,440	531
5	SO-2	148th Avenue SE - SE 44th Street to SE 46th Street	Construct curb, gutter and 6' sidewalk, 14' (15' uphill) travel lane on the west side of street. Connect to existing sidewalk north of SE 44th St (within King county) to existing sidewalk south of SE 46th St.	730	5,840	1,555	469
6	NP-1	116th Avenue SE - SE 60th Street to Newcastle Way	Construct curb, gutter and 6' sidewalk on the east side of the street. Curb 14' from center of roadway.	1,010	6,850	2,000	505
7	FT-1	130th Place/Avenue SE/Newport Way to SE 47th Place	Construct curb, gutter and 6' sidewalk, where missing, on the east side of the street.	1,105	7,955	1,900	582
8	NE-2	173rd Avenue NE - Northup Way to City limits	Construct curb, gutter and 6' sidewalk on east side where missing; accommodate future bike lane.	685	8,640	1,385	495
9	SO-1	Somerset Avenue SE - SE Somerset Blvd. to 136th Place SE	Construct curb, gutter and 5' sidewalk on the west side of the street, curb 12' from center of roadway	800	9,440	1,040	769
10	WD-1	123 <sup>rd</sup> Avenue SE - SE 20 <sup>th</sup> to SE 26 <sup>th</sup> Streets	Construct curb, gutter and 5' sidewalk, place curb 14' from center of the roadway on the east side of the street. Parking bays where feasible.	950	10,390	2,100	452
11	WT-4	128th Avenue NE/SE - NE 2nd Street to SE 7th Place	Construct curb, gutter and 6' sidewalk, where missing, on the west side of the street	1,860	12,250	3,125	595
12	WT-5	SE 7th Place - Lake Hills Connector to cul-de-sacs	Construct curb, gutter and 6' sidewalk on one side, the side to be determined in the initial design process which will include community outreach/involvement facilitation.	1,025	13,275	1,290	795
13	S/ELH-1	158th Place SE - Main Street to SE 6th Street	Construct curb, gutter and 6' sidewalk on east side of the street.	1,120	14,395	1,975	567
14	E/CM-1	150th Avenue SE - SE 46th Way to south City limits	Construct curb, gutter and 6' sidewalk on the east side of the street.	1,385	15,780	2,390	579
15	WB-1	SE 16th Street - 104th Avenue SE to Bellevue Way	Construct curb, gutter and 6' sidewalk on one side, the side to be determined in the initial design process which will include community outreach/involvement facilitation.	490	16,270	870	563
16	WB-2	107th Avenue SE - Bellevue Way to SE 20th Street	Construct curb, gutter and 5' sidewalk on the west side of the street. Planter strip where feasible.	485	16,755	890	545
17	WB-3	106th Avenue SE - SE 30th Street to SE 34th Street	Construct curb, gutter and 5' sidewalk on the east side of the street.	1,090	17,845	1,740	626
18	WT-1	132nd Avenue NE - NE 8th Street to Bel-Red Road	Construct curb, gutter and 6' sidewalk on one side, the side to be determined in the initial design process which will include community outreach/involvement facilitation.	980	18,825	1,625	603
19	NW-3	108th Avenue NE - NE 19th Place SE to NE 24th Street	Construct curb, gutter and 6' sidewalk on the east side of the street.	1,295	20,120	1,480	875

\* All cost estimates should be considered preliminary. Staff continues to review and adjust. Any updates will be provided when available.

# Neighborhood Sidewalk Priorities

## Bellevue Transportation Commission

Approved on April 26, 2007

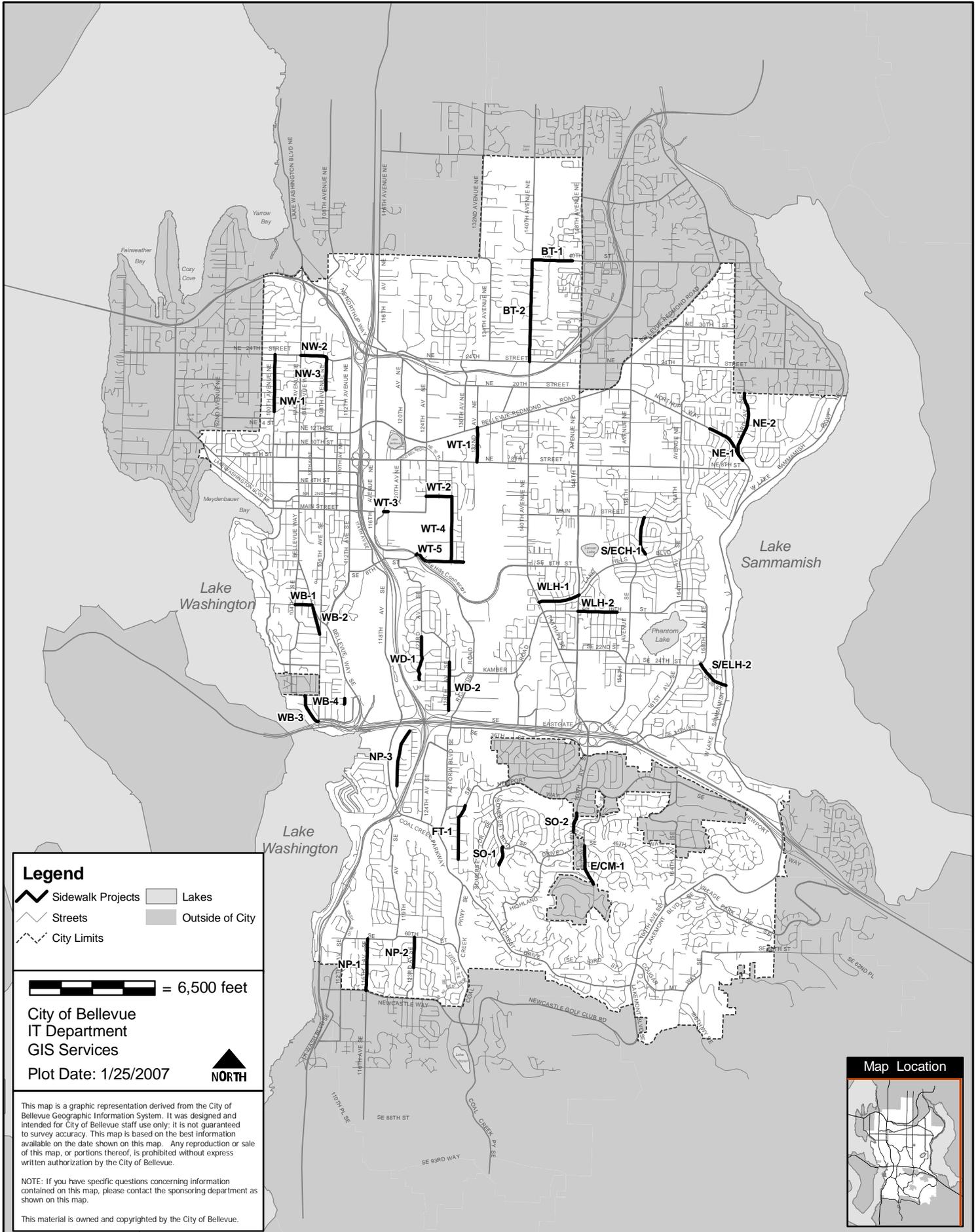
4/26/07 Commission Priority Ranking	Map #	Project Name/Location	Project Description (Existing Facilities)	Cost Estimate (\$000s)*	Cumulative Cost Estimate (\$000s)	Project Length (Feet)	Cost per Foot (\$)
20	NP-3	120th Avenue SE - Lake Washington Blvd to 122nd Avenue SE	Construct curb, gutter and 5' sidewalk on the east side of the street.	1,975	22,095	3,980	496
21	WB-4	112th Avenue SE - SE 30th to SE 31st Street	Construct curb, gutter and 6' sidewalk on the west side of the street. Planter strip where feasible.	310	22,405	505	614
22	WT-2	NE 2nd Street - 124th to 128th Avenues NE	Construct curb, gutter and 5' sidewalk on the south side of the street.	670	23,075	1,340	500
23	WLH-1	Lake Hills Boulevard - 148th Avenue SE west to 143rd Avenue SE	Construct new curb & gutter, 6' sidewalk and planter strip on north side of the street from 148th Avenue SE west to 143rd Avenue SE consistent with new section to the east . Remove remaining European White Birch trees in poor health and reconstruct fence as necessary. <b>(Existing curb, gutter and asphalt sidewalk on both sides)</b>	770	23,845	1,095	703
24	WLH-2	SE 16th Street/148th Avenue SE to 154th Avenue SE	Construct new curb, gutter and 6' sidewalk on north side; accommodate bike lane. <b>(Existing asphalt walkway behind extruded curb)</b>	715	24,560	1,950	367
25	NW-1	100th Avenue NE - NE 14th to NE 24th Streets	Construct curb, gutter and 6' sidewalk with planter strip on the east side of the street. <b>(Existing curb, gutter and sidewalk on west side)</b>	2,105	26,665	3,240	650
26	BT-2	140th Avenue NE - NE 24th to NE 40th Streets	Install separated 6' walkway on the west side of the street. Planter strip where feasible. <b>(Existing asphalt walkway on east side)</b>	1,510	28,175	4,200	360
27	NE-1	Northrup Way - 168th Avenue NE to NE 10th Street	Construct curb, gutter and 6' sidewalk on the north side of the street. <b>(Existing asphalt walkway or curb, gutter and sidewalk on south side)</b>	1,745	29,920	2,770	630
28	WT-3	118th Avenue SE/Main Street (Botanical Garden frontage)	Construct curb, gutter and 6' sidewalk on east side of the street. <b>(Existing curb, gutter and separated sidewalk on west side)</b>	325	30,245	730	445
29	NW-2	NE 24th Street - Bellevue Way to 108th Avenue NE	Construct curb, gutter and 6' sidewalk on the south side of the street. <b>(Existing separated asphalt walkway on north side)</b>	585	30,830	1,175	498

= Selected as first Neighborhood Sidewalk Program Projects (CIP Plan No. PW-W/B-76)

- Map # Legend**
- BT - Bridle Trails
  - E/CM - Eastgate/Cougar Mountain
  - FT - Factoria
  - NE - Northeast Bellevue
  - NP - Newport
  - NW - Northwest Bellevue
  - S/ELH - Sammamish/East Lake Hills
  - SO - Somerset
  - WB - West Bellevue
  - WD - Woodridge
  - WLH - West Lake Hills
  - WT - Wilburton

\* All cost estimates should be considered preliminary. Staff continues to review and adjust. Any updates will be provided when available.

# Neighborhood Sidewalk Projects



**Legend**

- Sidewalk Projects
- Streets
- City Limits
- Lakes
- Outside of City

= 6,500 feet

City of Bellevue  
IT Department  
GIS Services  
Plot Date: 1/25/2007

NORTH

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