



# MEMORANDUM

DATE: November 6, 2008

TO: Transportation Commission

FROM: Kristi L. Oosterveen, Management Policy Analyst  
Eric Miller, Implementation Planning Division Manager

SUBJECT: CIP/TFP Pedestrian & Bicycle Project Priorities

On November 13, staff will return to the Commission to present a recommended pedestrian and bicycle project priority array for possible inclusion in CIP and TFP updates (see Attachments 1 and 2). The purpose of the study session time is for the Commission to review and provide feedback on the preliminary staff recommendation. Following the discussion, staff asks that the Commission consider finalizing and approving a recommended pedestrian and bicycle project priority array for City Council consideration this fall.

Over the past few months, staff has worked with the Commission to develop a project prioritization framework and recommended project array of both pedestrian and bicycle facilities. Using the direction provided by the Commission at their September 25<sup>th</sup> and October 9<sup>th</sup> meetings, staff assembled the attached project priority recommendation that 1) roughly splits the funding allocations 50-50 between priority bike corridors and high priority pedestrian facilities, and 2) helps to accomplish a key 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).

Staff conducted a series of site investigations and roundtable discussions with the goal of creating a project array based on the Commission's direction. The following factors were considered:

- Feasibility or cost-effective constructability of the projects as described in the proposed Ped/Bike Plan;
- Potential to combine high priority planned pedestrian and bicycle elements together to create a complete corridor segment;
- Opportunities to partner with or leverage other Transportation capital programs (i.e. Street Overlay Program) in an effort to reduce Ped/Bike project costs; and
- Other opportunities to make projects more affordable while still meeting the intent of the Ped/Bike Plan project descriptions.

The work of the staff team was presented to the department's "Executive Team" who modified and approved the attached project priority recommendation for Commission consideration. The project list, if funded, would implement seven high priority bike corridor segments and 10 high priority sidewalk projects (mostly prioritized Neighborhood Sidewalks) in 15 projects.

Please take the time to review the attachments prior to the meeting and if you have questions or need additional information, please contact Kristi at 425-452-4496 (koosterveen@bellevuewa.gov) or Eric at 425-452-6146 (emiller@bellevuewa.gov).

#### Attachments

1. Staff Recommended Project Priority Array
2. Map of Recommended Project Priorities

# CIP/TFP Pedestrian Bicycle Project Priorities

Preliminary Staff Priority Recommendation	Project Name/Location	Project Description	Recommended Allocation (\$000s)*	Comments
1	SE 16th Street/148th Avenue SE to 156th Avenue SE	Add 5 foot bike lanes outside of 11 foot vehicles lanes on both sides of SE 16th Street. Construct new curb, gutter and 6' sidewalk and 4' planter, on north side between 148th and 154th Avenues NE.	3,740	<ul style="list-style-type: none"> <li>- Segment of priority bike corridor EW-3: Lake-to-Lake Trail (Completes eastern half);</li> <li>- Proposed Ped/Bike plan calls for sidewalk on both sides of the street, would require walls and add \$1M to the cost</li> <li>- North side sidewalk part of Commission prioritized Neighborhood Sidewalk list (#24) - est cost \$580K</li> <li>- Priority project from 2001 W. Lake Hills Neighborhood Investment Strategy</li> <li>- 11 ft vehicle lanes saves \$200K</li> <li>- Full street overlay necessary</li> <li>- Requires drainage conveyance system</li> </ul>
2	164th Avenue NE/SE - NE 18th Street to SE 14th Street	Designate bike shoulder on both sides between NE 18th Street and Northup Way and between NE 8th Street and SE 14th Street. Stripe and sign 5 foot bike lanes between Northup Way and NE 6th Street. Accomodate on-street parking on the east side of the street from NE 6th Street to SE 14th Street.	7,400	<ul style="list-style-type: none"> <li>-Substantially completes priority bike corridor NS-5: Spirit Ridge-Sammamish River Connection</li> <li>- Exclusion of intersection widening and associated signal upgrade work would reduce cost by \$1,860K at Northup Way and by \$2,500K at NE 8th Street; full Ped/Bike plan consistency cost: \$7.4M</li> <li>- Bike lane between Northup Way and NE 6th Street removed and replaced with a striped shoulder if intersection improvements at NE 8th Street are excluded</li> <li>- Street overlay planned from SE 14th Street to Main Street in 2012; overlay cost excluded</li> <li>- Planned PSE transmission line work within the next year along the corridor from SE 14th to the north</li> <li>- Wide shoulder between NE 8th and NE 6th Streets currently funded by NEP</li> <li>- NTCP process underway between Main Street and SE 14th Street</li> <li>- Potential community opposition to removal of on-street parking on west side</li> <li>- Potential FHWA pilot "sharrow" project - NE 24th to SE 14th Streets in 2009</li> <li>- Potential BROTS cost sharing arrangement with Redmond</li> </ul>
3	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.	1,050	<ul style="list-style-type: none"> <li>- Neighborhood Sidewalk project (Commission priority #4)</li> <li>- Street overlay planned for 2010</li> </ul>
4	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.	1,060	<ul style="list-style-type: none"> <li>- Neighborhood Sidewalk project (Commission priority #5)</li> <li>- Street overlay planned for 2010</li> </ul>
5	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.	1,340	<ul style="list-style-type: none"> <li>- Neighborhood Sidewalk project (Commission priority #6)</li> <li>- Street overlay planned for 2010</li> <li>- Potential NTCP issue</li> </ul>
6	108th Avenue NE - NE 12th Street to Main Street	108th Avenue NE Downtown corridor enhancement consisting of Great Streets, Midblock Crossing, Ped Corridor interface and bike lanes. This funding would cover the estimated shortfall and allow for the inclusion of bike lanes between NE 12th and NE 8th Streets and between NE 4th and Main Streets.	1,750	<ul style="list-style-type: none"> <li>- Substantially completes priority north-south bike corridor through Downtown and segment of priority bike corridor NS-1: Enatai-Norhtown Connection</li> </ul>
7	108th/112 <sup>th</sup> Avenue NE - south of SR 520 to NE 12th Street	Add 5 foot bike lanes on both sides of 108th/112 <sup>th</sup> Avenue NE from Northup Way to NE 12 <sup>th</sup> Street. Construct a 6 foot-wide sidewalk along the west side of 112th Avenue NE from end of transportation trail south to existing sidewalk 400 ft south of NE 24th Street. Widen for turn pockets at NE 24th Street intersection.	3,730	<ul style="list-style-type: none"> <li>-Segment of priority bike corridor NS-2: Lake Washington Loop Trail</li> <li>- Does not address north corridor segment between north city limit and SR520 due to constructability and cost issues (\$5.8M)</li> <li>- Does not address segment between NE 12th Street and SE 8th Street due to constructability</li> <li>- Portion south of NE 12th was not deemed viable due to right of way issues and future I-405 widening plans</li> <li>- Full street overlay necessary</li> <li>- Includes improvements to intersection at NE 24th Street and 112th Avenue NE</li> <li>- Sidewalk is high priority in Ped/Bike Plan; excluding planter strip reduced cost by \$800K; excluding sidewalk along 108th/112th north of transportation trail reduced cost by \$350K. Full Ped/Bike consistency cost: \$4.9M</li> </ul>

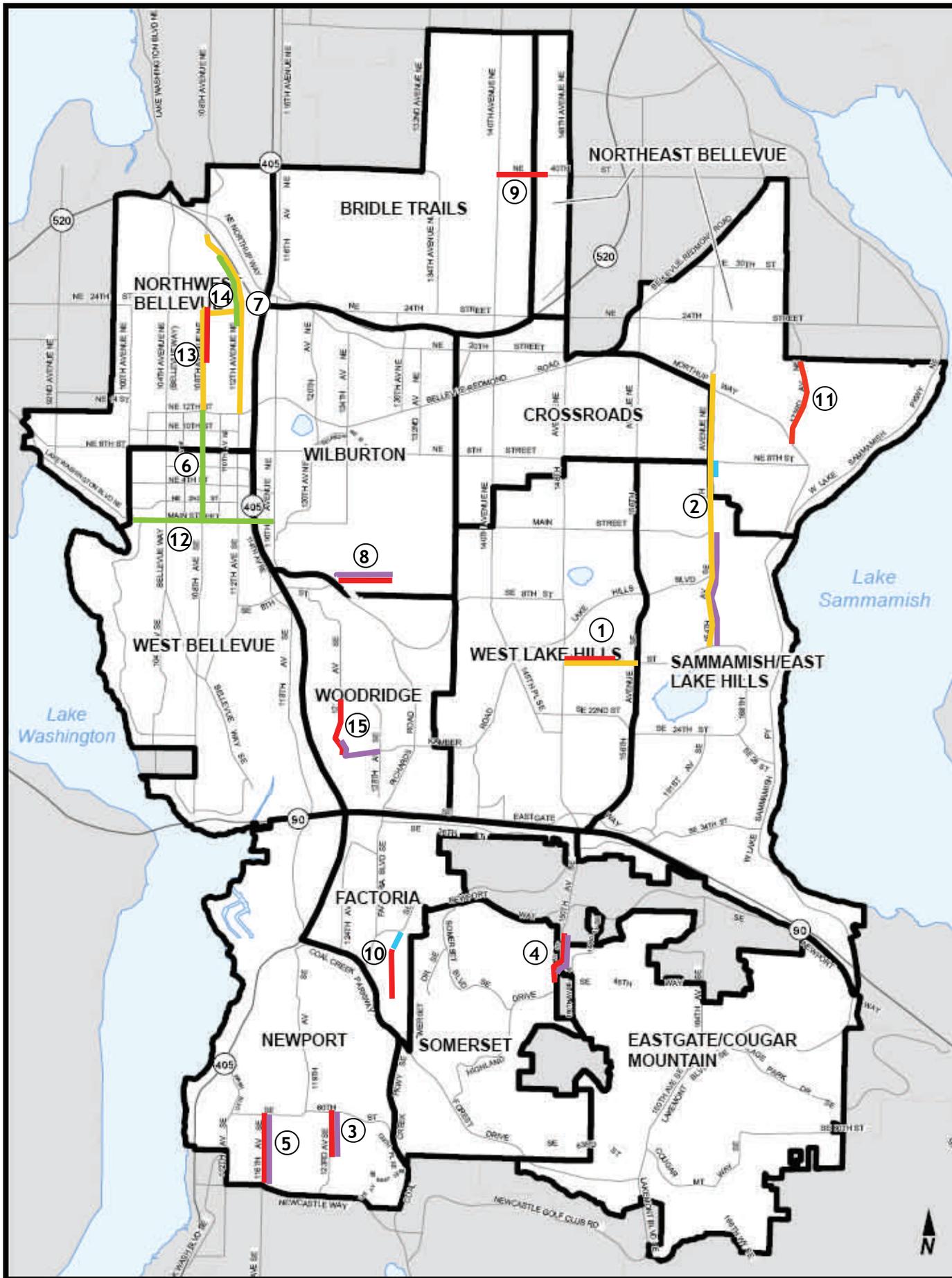
\* Cost estimates are in 2008 dollars. All cost estimates should be considered preliminary; staff continues to review and adjust. Any updates will be provided as available.

# CIP/TFP Pedestrian Bicycle Project Priorities

Preliminary Staff Priority Recommendation	Project Name/Location	Project Description	Recommended Allocation (\$000s)*	Comments
8	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.	1,030	- Neighborhood Sidewalk project (Commission priority #12) - Street overlay planned for 2009 - Potential floodplain issue
9	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.	1,800	- Neighborhood Sidewalk project (Commission priority #3) - 2006-1017 (current) TFP project - Urban character of curb, gutter, and sidewalk may be an issue for some in neighborhood
10	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.	1,510	- Neighborhood Sidewalk project (Commission priority #7) - Funding recently approved through NEP for segment from Newport Way to south of SE 45th Lane
11	173rd Avenue NE - Northrup Way to City limits	Construct curb, gutter and 6' sidewalk on east side where missing; accommodate future bike lane.	1,360	- Neighborhood Sidewalk project (Commission Priority #8)
12	Main Street - 100th Avenue to 116th Avenue	Funding to support pedestrian and bicycle facility components of Main Street project - currently in a pre-design process.	TBD	- Substantially completes priority east-west bike corridor through Downtown and segment of priority bike corridor EW-3: Lake to Lake Trail - Possibly select placeholder amount for TFP
13	108th Avenue NE - NE 24th Street to NE 12th Street	Add wide bike shoulder on both sides where not complete. Construct a 6 foot sidewalk on east side from NE 24th Street to north of NE 19th Street.	2,350	- Segment of priority bike corridor NS-1: Enatai-Norhtown Connection - Proposed Ped/Bike plan calls for sidewalk on both sides, NEP has built sidewalks from NE 12th to just north of NE 19th on the east side. Setting curb of west side sidewalk increases project cost by \$1.7M - Sidewalk portion is Neighborhood Sidewalks project (Commission priority #19) - est. cost \$430K - Connects to recommended improvements on 108th Avenue from NE 12th to Main Street through the downtown core - Consider use of sharrows to reduce cost - Traffic calming elements currently exist on this segment - Half street overlay between NE 12th and 20th Streets; full overlay between NE 20th and 24th Streets necessary.
14	NE 24th Street - 108th Avenue NE to 112th Avenue NE	Add a wide bike shoulder on both sides of NE 24th from 108th to 112th Avenues NE.	1,510	- Segment of priority bike corridor NS-1: Enatai-Norhtown Connection - Proposed Ped/Bike plan is from Bellevue Way to 112th Avenue NE - New storm conveyance system added; walls needed for up-hill segments - Potential sharrow?
15	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	- Neighborhood Sidewalk project (Commission priority #10) - Portion of project included in street overlay planned for 2010

Total: \$30,580

\* Cost estimates are in 2008 dollars. All cost estimates should be considered preliminary; staff continues to review and adjust. Any updates will be provided as available.



- Neighborhood Sidewalk Project
  - Bicycle Corridor Project
- Other Projects for consideration
  - Planned Overlay project
- NEP funded project
  - NEP Area boundaries