



# MEMORANDUM

DATE: March 26, 2008

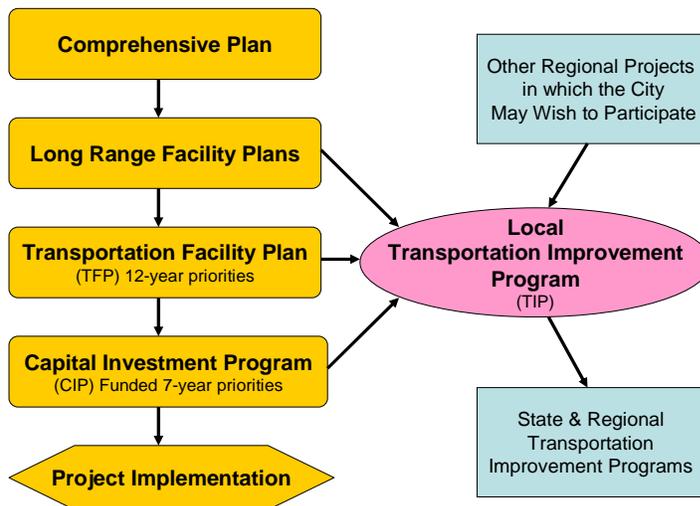
TO: Transportation Commission

FROM: Kristi Oosterveen, Capital Programming Coordinator

SUBJECT: 2009-2014 Transportation Improvement Program

On March 13, Staff gave an overview of the major transportation plan updates for 2008. Included in that discussion was an overview of the Transportation Improvement Program (TIP) and its correlation to the transportation planning and financial programming process as illustrated by figure 1, below. Staff informed Commissioners that they would return to the next Commission meeting to present the current project status of the proposed TIP.

Figure 1



At your April 3 meeting, staff will present and discuss both the completion status of the current 2008-2013 TIP projects and projects proposed for the new 2009-2014 Transportation Improvement Program or Local TIP. A draft of the Proposed 2009-2014 TIP is attached for your review (Attachment 1). The remainder of this memo provides some background on the need for the TIP update, project categories, changes between the current and proposed TIPs, and an outline of the TIP update process timeline.

### Local TIP Background

State law (RCW 35.77.010) requires all local jurisdictions to annually adopt a six-year program of transportation improvements, known as the Local TIP, by the end of June each year. On May 10, 2007, the Transportation Commission hosted a public hearing and recommended adoption of the current 2008-2013 Local TIP. On June 4, 2007, City Council adopted the current TIP (Resolution No. 7574).

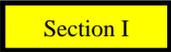
The six-year Local TIP serves as a rough work plan for the development of local transportation systems and, as such, represents an important planning component under the State's Growth Management Act.

The Washington State Department of Transportation (WSDOT) and Puget Sound Regional Council (PSRC) use Local TIPs as a tool for coordinating the transportation programs of local jurisdictions with those of regional agencies. PSRC also monitors Local TIPs for projects of regional significance (to be modeled for Air Quality conformity) and projects supported by federal funds. These projects are incorporated into the Regional TIP, which is then forwarded for inclusion in the State TIP.

For the City of Bellevue, the primary importance of the Local TIP is that, in most instances, projects must be included on a Local TIP to be eligible for state and federal grant programs. Because Local TIPs are not revenue constrained, like Bellevue's CIP and TFP, the City can include projects we would choose to implement within the 6-year timeframe, if the funding were available. Local TIPs then, by definition, represent a more comprehensive listing of projects deemed necessary to ensure the safe and efficient operation of the City's transportation system.

### Proposed City of Bellevue 2009-2014 TIP

Attached to this memo is a draft of the proposed project list that comprises the City of Bellevue 2009-2014 TIP. All projects listed in the draft TIP fall within one of four color-coded categories, or sections, as described below:

-  Section I Uncompleted CIP Projects (Included in the Adopted 2007-2013 Capital Investment Program Plan - Full or partial funding secured)
-  Section II TFP Projects (Unfunded projects included in the Adopted 2006-2017 Transportation Facilities Plan)
-  Section III Other unfunded local projects identified or scoped by completed Alternative Analyses and Planning or Pre-design Studies (may be considered for inclusion in the 2009-2020 TFP Update)
-  Section IV Regional or Outside Agency-led projects in which the City may choose to participate financially

For comparison purposes, the attached draft TIP indicates both new projects proposed to be added to the 2009-2014 TIP and projects proposed to be deleted from the current 2008-2013 TIP. Projects proposed to be added to or deleted from the current 2008-2013 TIP list can be identified by the following two colors on the attachment:

-  New New projects proposed to be added to the 2009-2014 TIP

There are 17 new projects proposed to be added to the current 2008-2013 TIP:

- Two projects are new 2007-2013 CIP investments (Section I) approved by Council during the Supplemental CIP update in July, 2007; and
- Fifteen projects have been added to Section III and are considered candidates for the 2009-2020 TFP Update.

Green text indicates substantive changes to existing TIP information.

-  Delete Projects included in the current 2008-2013 TIP that are proposed to be removed due to their completion or recommended deletion

There are six projects proposed to be removed altogether from the current 2008-2013 TIP:

- Three are local CIP projects (Section I) that have been completed, are projected to be completed by the end of 2008 or require no further action at this time; and
- One project in Section II was completed by another source; and

- Two projects were removed from Section III, due to updated recommendations from the Bel-Red Corridor Project.

Also indicated in this “rose” color are three projects “moving” between sections within the program. Red text indicates to which TIP section the project was moved.

The project costs listed in the “Project Funding Categories” columns of the attachment represent, in most cases, the actual level of funding budgeted or estimated to be needed by the City during the six-year timeframe of the Local TIP. Because the Local TIP is not revenue constrained, project costs are given one of two designations:

1. Secured Funding. Projects with secured funding have local or other sources of funding allocated to support full or partial project implementation.
2. Unsecured Funding. This designation reflects the portion of project costs that have no dedicated source of funding. Projects with unsecured funding at any level are included on the list for planning purposes should funding become available within the six-year timeframe.

#### Proposed TIP Update Timeline

1. April 3, 2008 - Commission introduction/discussion of preliminary draft of Proposed 2009-2014 TIP.
2. April 2008 - If requested, Staff will return to a meeting for discussion of an updated draft of the Proposed 2009-2014 TIP.
3. May 8, 2008 -
  - a. Commission hosts a Public Hearing on the content of the Proposed 2009-2014 TIP.
  - b. Commission considers public testimony, potentially amends the Proposed 2009-2014 TIP, and develops a TIP adoption recommendation to the City Council.
4. June 2, 2008 - City Council reviews and adopts of the Proposed 2009-2014 TIP.
5. June/July, 2008 - Formatting and submittal of the adopted 2009-2014 TIP to PSRC and WSDOT.

Please do not hesitate to contact me if you have any questions, comments or if you would like additional information prior to the April 3 meeting. I can be reached at 425-452-4496 (or via e-mail at [koosterveen@bellevuewa.gov](mailto:koosterveen@bellevuewa.gov))

Attachment

## City of Bellevue Proposed 2009-2014 Transportation Improvement Program

**Projects listed in the Proposed 2009-2014 TIP are divided into four categories represented by the following colors.**

Section I	Projects Included in the Adopted 2007-2013 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured
Section II	Unfunded Projects included in the Adopted 2006-2017 Transportation Facilities Plan (TFP)
Section III	Other unfunded local projects identified or scoped by completed Alternative Analyses and Planning or Pre-design Studies
Section IV	Other regional or non-local projects in which the City may choose to participate financially

**Projects proposed to be added to and deleted from the current 2008-2013 TIP can be identified by the following two colors.**

New	New projects proposed to be added to the 2009-2014 TIP.
Delete	Projects included in the current 2008-2013 TIP that are proposed to be removed in the TIP update due to their completion or proposed deletion.

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local* Funding	Other** Funding	Total Funding	
<b>Section I: Uncompleted Projects Included in the Adopted 2007-2013 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured</b>									
1	I-76	TFP-094	148th Avenue NE/Bel-Red Road Intersection Improvements	Add an eastbound right-turn lane and a second westbound left-turn lane from Bel-Red Road to 148th Avenue NE. <span style="color: green;">The Bel-Red Corridor Project recommends adding a westbound right-turn lane and a second northbound left-turn lane (funding for these improvements are unsecured).</span>	7,289	6,977		6,977	14,266
2	I-78	TFP-101	148th Avenue NE/NE 20th Street Intersection Improvements	Add a second westbound left turn lane from NE 20th Street to southbound 148th Avenue NE and a second left turn lane from eastbound NE 20th Street to northbound 148th Avenue NE. <span style="color: green;">The Bel-Red Corridor Project recommends adding a second northbound left turn lane, a second southbound left turn lane, a separate westbound right turn lane and a separate eastbound right turn lane (funding for these improvements are unsecured).</span>	2,950	3,778		3,778	6,728
3	I-84		Signal Warrant/Safety Program	Install or upgrade vehicular traffic signals, pedestrian crosswalk signals, street lights, and other improvements as warranted based on safety and/or capacity concerns.		940		940	940
4	I-91	TFP-089	124th Avenue NE/Bel-Red Road Intersection Improvements	Widen intersection for second left turn lane westbound, second southbound lane from Bel-Red Road to Old Bel-Red Road and a southbound right turn lane; upgrade signal, curb/gutter/sidewalks on east side of intersection. <span style="color: green;">Scope may be modified in Pre-Design phase. (Secured funding for design report only; unsecured funding for later phases.)</span>	3,000	146		146	3,146
5	M-1		Overlay Program	Provide major street maintenance, pavement overlays, and bridge inventory and maintenance and appropriate Americans with Disabilities (ADA) retrofit work.		36,759		36,759	36,759
6	M-2		Minor Capital - Traffic Operations Program	Provide minor capital improvements including signal and lighting upgrades, channelization and signage upgrades, pedestrian/bicycle signage and channelization, and spot improvements for emergent needs.		1,889		1,889	1,889
7	M-3		Curb, Gutter, and Sidewalk Rehabilitation Program	Reconstruct curb, gutter, and/or sidewalk sections where failing.		1,812		1,812	1,812
8	M-7		Neighborhood Traffic Calming Program	Install physical measures designed to reduce vehicle speeds and non-local traffic and to improve nonmotorized safety in neighborhoods.		4,748		4,748	4,748
9	M-8		Minor Capital Programs - Streets	Funds individual street repair projects in excess of \$5,000 such as handrail/guardrail replacement, pavement repair, and storm damage mitigation.		318		318	318
10	M-12		Citywide Rockeries Reconstruction Program	Maintain, repair, or replace rockeries as needed.		1,316		1,316	1,316
11	M-19		Major Maintenance Program	Provide necessary capital resources to address a wide range of maintenance related needs that exceed the financial capacity of the Streets Maintenance and Traffic Operations operating budgets and smaller minor capital programs but are too small for stand alone projects		2,616		2,616	2,616
12	R-44		Transportation Planning Studies Program	Provide consultant and in-house capabilities to carry out activities associated with the planning and pre-design of possible CIP projects. Project funding may be used to leverage additional, non-local funding.		630		630	630
13	R-46		Major Safety Improvements Program	Construct roadway safety-related capital improvements citywide as identified through deficiency analysis and community input. Project funding may be used to leverage additional, non-local funding.		628		628	628

City of Bellevue Proposed 2009-2014 Transportation Improvement Program

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local*	Other**	Total Funding	
14	R-87		Transportation Demand Management Program	This project provides continuing resources for Transportation Demand Management (TDM) implementation. TDM activities and techniques include: Development and implementation of education/marketing programs for employers and employees, improving access to and the appeal of alternative transportation modes for users and potential users, and participation in trip reduction activities associated with the Bel-Red Overlake Transportation (BROTS) Plan. Performance goals for TDM are specified in the mobility targets for Mode Split in the Comprehensive Plan. This project may fund both consultant and improved in-house capabilities in support of TDM efforts.		504	100	604	604
15	R-122	TFP-039	130th Avenue NE Roadway Improvements	Construct a two-way left turn lane on 130th Avenue NE from Bel-Red Road to NE 20th Street; provide wide curb lanes for bikes, curb, gutter and sidewalks on both sides. <b>Scope may be modified in Pre-Design phase and see TIP Ref. No. 90 for alternate scope.</b> (Secured funding for design report only; unsecured funding for implementation).	3,190	178		178	3,368
16	R-130		High Capacity Transit Study	The High Capacity Transit (HCT) Study will include an analysis of Light Rail Best Practices, alternative routing, station locations, and technologies for serving Bellevue with high capacity transit. The Light Rail Best Practices effort will support an investigation, led by a Committee of City Commissioners, of the experiences of other North American metropolitan areas who have developed light rail systems to understand methods and techniques that will inform the eventual implementation of light rail in Bellevue. The Committee will apply this investigation and analysis to develop light rail policy recommendations for subsequent community and City Council consideration. The remaining project components will focus initially on route and station locations in Downtown Bellevue with additional study to identify candidate HCT markets citywide. The work will be coordinated with both local and regional studies. The scope and budget for this and subsequent years of the study will be developed with Sound Transit along with an interlocal agreement.	2,000	251		251	2,251
17	R-133	TFP-091	Northup Way Roadway Improvements	This project will add an additional lane along eastbound Northup Way between 120th Avenue NE and 124th Avenue NE, a northbound right-turn lane from 124th Avenue NE to Northup Way, and widen to provide a second eastbound left-turn lane from Northup Way to the SR-520 ramp. This project will also include completing portions of curb/gutter/sidewalk where missing, illumination, traffic signal modification, storm drainage and detention, landscaping and irrigation. This project will be closely coordinated with the Washington State Department of Transportation's I-405/SR-520 north braid project.		5,411		5,411	5,411
18	R-136		Traffic Safety Technologies Program	Provide innovative technologies for addressing traffic safety in Bellevue.		409		409	409
19	R-139	TFP-110	110th Avenue NE Roadway Improvements	This project will provide for design and construction of widening 110th Avenue NE from four lanes at NE 4th Street to five lanes at NE 6th Street, and design only for a five-lane section from NE 6th Street to NE 8th Street. Also included (design only between NE 6th and NE 8th Streets) will be curb/gutter/sidewalk, illumination, storm drainage, detention if necessary, signal modifications at NE 4th, 6th and 8th Streets. This project will be closely coordinated with planned, potential or permitted private development along the corridor.		317		317	317
20	R-141	TFP-078	West Lake Sammamish Parkway/north City limit to I-90	The project will provide a consistent 4' shoulder on the east side, a 10.5' northbound vehicle travel lane, a 10' southbound vehicle travel lane, a 10' wide multi-purpose trail (8' wide in approximately 2% of the corridor due to constricted space) on the west side separated by a 1.5' shy distance space and a 2' or 5' wide landscaped buffer where space is available, a signal at SE 34th Street, pedestrian crossings at SE 26th Street, Northup Way, NE 24th Street and at 5 other locations along the parkway. The project will also make storm drainage, water quality and fish passage improvements throughout the corridor. Options for undergrounding existing overhead utilities and various project implementation phasing scenarios will be evaluated during the initial design process.	31,500	5,250		5,250	36,750
21	R-146	TFP-079	Northup Way Corridor Improvements	This investment entails only secured funding for complete and/or phased implementation of the improvements identified by a 1996 corridor study, including sidewalks and bike lanes on both sides and a two-way center turn lane east of NE 33rd Place. The secured funding may also be used to fund interim safety improvements identified by the design report to improve conditions for vehicles, pedestrians, bicyclists, and transit riders until the ultimate improvements can be implemented. A 2007 Design Report process will refine the project scope and implementation phasing options for the unsecured funding portion of this project.	13,951	650		650	14,601

City of Bellevue Proposed 2009-2014 Transportation Improvement Program

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local* Funding	Other** Funding	Total Funding	
22	R-147		Early Implementation of Downtown Plan	The Downtown Implementation Plan was completed in 2003 and contains transportation, parks, urban design, and fire & life safety implementation measures spread over the next 20 years to further downtown Bellevue's evolution as an urban center. Early work will ensure that new public and private development is consistent with plan direction. The funding in this project will be used to conduct early design studies for potential projects such as a one-way couplet on 106th & 108th (TIP No. 172), mid-block pedestrian crossings, a "great streets" study and a downtown wayfinding system. Early design studies will lead to direct implementation or refinement of concepts that can be implemented incrementally over time through separate actions.		316		316	316
23	CD-19		Downtown Investments/DIP Implementation	The City's Downtown Subarea Plan is guided by the Great Place Strategy. This project includes planning, design, and construction for urban livability and memorability features consistent with the Great Place Strategy and consistent with the Bellevue Downtown Association's Great Place Initiative focusing on implementation of the following components: (1) Wayfinding and Imageability: A wayfinding manual for Downtown has been developed and is now ready for implementation. Wayfinding is a key element in a maturing, complex Downtown. Wayfinding not only helps people navigate from point A to point B on foot, bicycle or car, but also contributes to the design character of the public realm. (2) NE 6th Street Corridor Pedestrian Enhancements: Coordination with potential opportunities for interim improvements to the corridor that will help fill in "missing pieces." These would be public-private partnerships done in advance of full redevelopment of parcels fronting the corridor.		2,825		2,825	2,825
24	R-149	TFP-189	NE 10th Street Extension	In coordination with Overlake Hospital Medical Center (OHMC), Group Health Cooperative (GHC), and WSDOT, this phased project will extend NE 10th Street from 112th Avenue NE across I-405 and through the Medical District to connect with 116th Avenue NE. The initial project budget funded project components such as a pre-design analysis to determine how the NE 10th Street Extension project impacts the transportation efficiency and development patterns of the greater Wilburton area, project-level environmental documentation and final design of a segment of the project. The ultimate scopes, cost estimates and schedules for complete and/or segmented implementation of the NE 10th Street Extension improvements were determined through these initial phases of analysis, design, and funding.		18	4,133	4,151	4,151
25	R-150	TFP-190	NE 2nd Street Roadway Enhancement Project	A pre-design process initiated in 2005 will refine the project scope and implementation phasing options. Secured funding entails only placeholder funding for complete and/or phased implementation of the NE 2nd Street roadway and park improvements identified by the Downtown Implementation Plan (2003). This includes widening to five lanes from Bellevue Way to 112th Avenue NE and connection to the planned half diamond interchange between NE 2nd Street and I-405. Private developer contributions or frontage improvement implementation, or additional local funding commitments, will be necessary to implement the remainder of the corridor improvements. This project will be closely coordinated with potential private development along the corridor.	23,000	6,000	0	6,000	29,000
26	R-151	TFP-160	145th Place SE/SE 16th Street to SE 24th Street AND SE 22nd Street/145th Place to 156th Avenue SE	This project will add five foot bike lanes, curb, gutter and six foot sidewalk along both sides, a two-way center left-turn lane where needed, planted median islands and other landscaping where feasible on 145th Place SE from SE 16th Street (Kamber Road) to SE 24th Street. The project will modify the 145th Place SE/SE 24th Street intersection. This project will also provide curb, gutter and six foot sidewalks where missing along SE 22nd Street from 145th Place SE to 156th Avenue SE. Other improvements include storm water drainage, detention and water quality treatment improvements, signing, striping, illumination enhancements, and irrigation. Undergrounding of overhead utilities and noise barriers are not included in this scope of work.		4,503		4,503	4,503
27	R-152	TFP-184	NE 8th Street Roadway Widening	This project will add a third westbound lane on NE 8th Street becoming right turn lane at 106th Avenue NE; no widening west of 106th Avenue NE. Sidewalks will be reconstructed adjacent to the new lane. This project will function in support of the planned 106th/108th Avenue one-way couplet.		910		910	910

City of Bellevue Proposed 2009-2014 Transportation Improvement Program

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local*	Other**	Total Funding	
28	R-153		Early Implementation of the Bel-Red Corridor Plan	The new Bel-Red Corridor Plan will provide a long-term land use vision for the area that will likely be of higher density than under the current plan, and therefore will require significant investment in transportation infrastructure and other city facilities. Secured funding is dedicated to early implementation activities and will fully or partially fund follow-up planning work, conceptual design studies, property acquisition and other activities to advance the plan's key recommendations. Significant additional funding (Unsecured) will be necessary to fully fund the implementation of transportation infrastructure improvements including new roadway connections, existing roadway operational and capacity enhancements, numerous intersection improvements, and new or enhanced facilities for pedestrians and cyclists. Follow-up planning work, including station area planning to further refine development strategies and improvements focused around future light rail stations in the corridor. Work could also include development of design standards or development strategies to advance the adopted land use vision. Early design studies for potential projects could include reconfiguring the NE 8th Street/120th Avenue NE intersection, extending NE 16th Street to the west of 132th Avenue NE, improving 120th Avenue NE and/or 124th Avenue NE between Bel-Red Road and Northup Way, extending NE 10th Street to the east of 116th Avenue NE, providing for neighborhood protection from cut-through traffic, and improving pedestrian and bicycle facilities. Funding in this project may also support Bellevue's portion of necessary analyses of land use, transportation, and/or environmental conditions to update the joint Bel-Red/Overlake Transportation Study agreement in coordination with the City of Redmond.	5,000	2,500		2,500	7,500
29	R-154	TFP-207	East-West Roadway Bounded by Main Street/NE 8th Street;116th Avenue NE/120 AvenueNE	Secured funding may be used to investigate options or help preserve right of way along a potential roadway alignment extending NE 4th Street, NE 6th Street or another east-west corridor as may be recommended by the Wilburton/NE 8th Street Study, currently in process. The ultimate roadway may consist of 3-5 vehicle lanes, bike lanes, sidewalks and a tunnel under the BNSF railroad right of way. Neighborhood traffic mitigation will be evaluated to discourage cut through traffic on NE 5th Street east of 120th Avenue. This project will be closely coordinated with potential private development in the immediate vicinity.	8,000	100		100	8,100
30	R-155		Traffic Computer System Upgrade	Replace the existing traffic computer system software and hardware, and upgrade the field communications systems connecting the computer with remote traffic control equipment citywide.		1,515		1,515	1,515
31	R-156		ITS Master Plan Implementation Program	Systematically implement the recommendations of the City's Intelligent Transportation System (ITS) Master Plan completed in 2005. ITS projects will be selected to provide cost effective measures to reduce traffic congestion and increase the availability of real time traffic information to users of the transportation system.		1,212		1,212	1,212
32	R-157		Transit Now/Downtown Circulator	A downtown circulator to serve downtown residents, employees, and visitors. Phase one, service planning (funded in 2007) included evaluating spans of service and service frequency, evaluating demand and forecasting ridership, and estimating operating costs. Phase two covers an estimated five years of implementation, a joint effort with King County Metro, utilizing partnership funding created by the 2006 Transit Now initiative.	1,550	952		952	2,502
33	R-158		Downtown Great Streets	This project will design and construct urban design elements to soften and "green" streets (NE 4th Street, NE 8th Street, 106th Avenue NE, 108th Avenue NE and Bellevue Way corridors) throughout downtown to enhance the pedestrian environment. A Great Streets manual provides a toolkit of treatments that can also be applied to other streets within the downtown. Areas will be identified that will most benefit from enhancements to make them more pedestrian friendly and aesthetically pleasing. Selected locations will remove/replace hardscaping and replace with landscaping (planted areas, raised planters, additional street trees) or other features (surfacing treatments, pedestrian scale lighting, street furniture). Private developer frontage improvement installation or funding contributions, or additional public funding commitments, will be necessary to implement the remainder of the Great Streets improvements. This project will be closely coordinated with planned and potential future private development within the downtown area.		2,200		2,200	2,200
34	WB-49		Wheelchair Ramps Program	Inventory, identify needs, prioritize, and construct wheelchair ramps citywide.		306		306	306

City of Bellevue Proposed 2009-2014 Transportation Improvement Program

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local*	Other**	Total Funding	
35	WB-53		Transportation Trail Maintenance Program	Funds routine cleaning and occasionally major repairs to surfaces, fences, directional signage and control of adjacent vegetation on City transportation trails.		585		585	585
36	WB-56		Pedestrian Access Improvements Program	Funds minor construction of small pedestrian and bicycle improvements that enhance mobility and access between neighborhoods, employment, schools, parks, transit and shopping. Individual projects are typically short segments of sidewalk, bike racks, off-street trails, and signage, and are implemented in coordination with schools, neighborhoods and businesses. The program may leverage grant funds, and in partnership with other City programs, may be used to construct larger-scale projects.		2,529		2,529	2,529
37	WB-71	TFP-159	108th Avenue SE/Bellevue Way to I-90	Construct bike lanes on both sides and sidewalk on one side where missing, the side to be determined in the initial design process which will include community outreach/involvement facilitation. Implementation of the project will be coordinated with PW-M-1: Overlay Program to rehabilitate or replace the concrete surface.		4,460		4,460	4,460
38	WB-72	TFP-156	SE 60th Street Non-motorized Improvements	Construct bike lanes and sidewalks on both sides where missing; sidewalk on one side between Coal Creek Parkway and 129th Avenue SE.(Phase 1 is currently funded)	4,033	1,657		1,657	5,690
39	WB-73	TFP-191	NE 8th Street/Lake Washington Blvd to 96th Avenue NE	Design and construct curb, gutter, five foot sidewalk and three foot planter strip where missing on the north side. Include bus pads and an updated signal system at the NE 8th Street/92nd Avenue NE intersection.		2,019	200	2,219	2,219
40	WB-74	TFP-163	152nd Ave SE/SE 45th Street/150th Ave SE Roadway Improvements	Design and construct curb, gutter and six foot sidewalk on west side with necessary roadway stabilization maintenance. Evaluate feasibility of wide curb lane for bikes on uphill segment. The facilities implemented by this project will provide direct access to the Eastgate Elementary School from neighborhoods to the south.		2,302		2,302	2,302
41	WB-75	TFP-175	SE 34th Street Non-motorized Improvements	Design and construct a five foot bike lane, curb, gutter and six foot sidewalk on north side and curb, gutter and a wide curb lane on the south side of SE 34th Street.		3,391		3,391	3,391
42	WB-76	TFP-170 TFP-178	Neighborhood Sidewalks Program <b>(Moved from Section III)</b>	This program funds the pre-design, design and construction of sidewalk projects in neighborhoods throughout the city. Neighborhood sidewalks are pedestrian facilities connecting neighborhood residents to neighborhood destinations including housing, parks, schools, shopping and services, employment, and the transit and school bus systems. Individual projects are selected in part based on strong and sustained community support demonstrated through other programs such as the Neighborhood Enhancement Program (CIP Plan No. NEP-1). Project costs, typically in the range between \$500,000 and \$1,500,000, exceed the financial capacity of ongoing minor capital programs like NEP or Pedestrian Access Improvements (CIP Plan No. PW-W/B-56), but the projects often do not compete well for stand-alone CIP project funding.	15,000	2,844		2,844	17,844
43	WB-77		Downtown Mid-Block Crossings	This project will identify, design, and install signalized mid-block pedestrian crossings at select locations Downtown. Project locations will be determined in coordination with Traffic Operations staff and the downtown community. The installation of signalized mid-block pedestrian crossings at key locations will help to create a network of pedestrian routes which will break-down the scale of downtown superblocks and reinforce the importance of the pedestrian in the urban environment. This project will consider location, geometric design elements, weather protection, lighting, aesthetic treatments, and traffic progression and delay.		1,175		1,175	1,175

City of Bellevue Proposed 2009-2014 Transportation Improvement Program

TIP Ref. No.	CIP #	TFP #	Project Name	Project Description	2009-2014 Project Funding Categories (\$000)				
					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local*	Other**	Total Funding	
<b>Section II: Unfunded Projects included in the Adopted 2006-2017 Transportation Facilities Plan (TFP)</b>									
44		TFP-102	Bel-Red Road/NE 24th Street Intersection Improvements	Construct southbound right turn and northbound left turn lanes.	2,289			0	2,289
45		TFP-154	148th/150th Avenue SE Roadway Improvements	Widen 148th/150th Avenue SE by extending the third southbound lane from the on ramp to westbound I-90 to south of Eastgate Way at the I-90 westbound to southbound off ramp.	1,893			0	1,893
46		TFP-076	Eastgate Way Corridor Improvements	Construct missing sections of sidewalk on north side of Eastgate Way between Richards Road and 148th Avenue SE; bicycle lanes both sides and bus rider waiting areas on south side; add turn pockets where necessary.	1,558			0	1,558
47		TFP-157	NE 24th Street/148th Avenue NE Intersection Improvements	Lengthen the westbound right turn lane on NE 24th Street and provide a second westbound left turn lane; widen NE 24th Street to allow wide curb lanes for cyclists.	4,168			0	4,168
48		TFP-158	SE 16th Street/148th Avenue SE to 154th Avenue SE	Construct bike lanes; sidewalk both sides where missing.	2,000			0	2,000
49		TFP-162	156th Avenue SE/SE Eastgate Way (I-90 westbound off-ramp) Intersection Improvements	Widen the I-90 westbound off-ramp to provide two dedicated left turn lanes and a shared through/right lane with a channelized right turn.	777			0	777
50		TFP-090	116th Avenue NE/NE 12th Street Intersection Improvements	Construct northbound right turn lane, extend eastbound left turn lane.	931			0	931
51		TFP-165	124th Avenue Bicycle Trail/SE 38th Street to the I-90 Bicycle Trail	Construct 10' wide paved multi-purpose trail to connect 124th Avenue SE at SE 38th Street with the existing Mountains to Sound trailhead at SE 36th Street and Factoria Blvd.	875			0	875
52		TFP-168	NE 8th Street/148th Avenue NE Intersection Improvements	Construct 2nd eastbound and westbound left turn lanes on NE 8th Street. All widening would be done to the north side of the roadway.	2,489			0	2,489
53		TFP-170	123rd and 128th Avenue SE Non-motorized Improvements (Moved to Section I, TIP Ref No. 42)	Construct sidewalk on one side where missing, the side to be determined in the initial design process, which will include community outreach/involvement facilitation.	2,000			0	2,000
54		TFP-171	NE 40th Street Non-motorized Improvements	Install separated pathway on north side of NE 40th Street from 140th Avenue NE to east of the 14500 block. Wide curb lanes.	2,250			0	2,250
55		TFP-172	106th and 108th Avenues One-Way Couplet Conversion	Convert roadways to function as a one-way couplet between Main Street and NE 12th Street. 106th Avenue will function as a northbound one-way street and 108th Avenue will function as a southbound one-way street. 108th will include a single northbound contraflow lane between NE 4th and NE 8th Streets for transit buses only. Sidewalks along 106th Avenue will be widened.	5,866			0	5,866
56		TFP-173	112th Avenue NE Non-motorized Improvements	Construct bike lanes; sidewalk on west side where missing on 112th Avenue from Northup Way to NE 12th Street.	2,000			0	2,000
57		TFP-095	156th Avenue NE/Bel-Red Road Intersection Improvements	Add southbound right turn lane.	321***			0	321
58		TFP-176	148th Avenue NE/SR 520 Channelization Improvements	Streamline/Rechannelize the southbound lanes of 148th Avenue to reduce friction and improve southbound flow.	339			0	339
59		TFP-092	156th Avenue NE/Northup Way Intersection Improvements	Construct second northbound and southbound left turn lanes and add a second eastbound through lane to the Unigard access. Includes utility undergrounding.	5,347			0	5,347
60		TFP-178	SE 26th Street Non-motorized Improvements (Moved to Section I, TIP Ref No.42)	Construct bike lanes on both sides and sidewalk on one side where missing, the side to be determined in the initial design process which will include community outreach/involvement facilitation.	1,500			0	1,500
61		TFP-128	148th Avenue NE/NE 36th Street Intersection Improvements	Construct second southbound left turn lane and second westbound left turn lane.	381***			0	381
62		TFP-192	Lakemont Blvd./Cougar Mountain Way to Lewis Creek Park and 164th Avenue SE to 171st Avenue SE (phase 1)	Install signal and turn lanes at Cougar Mtn. Way/Lakemont Blvd. intersection; construct northbound left turn lane on Lakemont Blvd. at SE 62nd Street; construct sidewalk and bike lanes on east side between Cougar Mtn. Way and park; install planted medians where feasible.	2,912			0	2,912
63		TFP-205	Lakemont Blvd./Lewis Creek Park to 164th Ave SE (phase 2)	Install signal at 164th Ave SE/Lakemont Blvd; construct sidewalk and bike lane on east side; add planted medians where feasible.	1,854			0	1,854

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					Unsecured Funding	Secured 2009-2014 Funding			Total Cost
						Local*	Other**	Total Funding	
64		TFP-193	NE 10th at I-405	Add half interchange (ramps) to/from the north. Cost estimate reflects only a potential local contribution to a project that will require substantial funding from outside sources. Project to be coordinated with City/WSDOT project to extend NE 10th Street between 112th and 116th Avenues NE.	1,000			0	1,000
65		TFP-194	164th Ave SE/SE Cougar Mountain Way to SE 63rd Street	Improve gravel road with pavement, curb, gutter and sidewalk on one side.	1,000			0	1,000
66		TFP-195	150th Avenue SE/SE 37th Street/I-90 off-ramp widening	Widen I-90 off-ramp 300' west of 150th Avenue SE and add a right turn lane. Widen SE 37th Street 500' to the east of 150th Avenue SE to allow for a bypass lane on the right side of the street.	1,429			0	1,429
67		TFP-196	NE 20th Street at 156th Avenue NE	Construct an east to west U-turn on NE 20th Street at 156th Avenue NE with access management along NE 20th Street.	400			0	400
68		TFP-197	NE 2nd Extension and I-405 interchange	Extend NE 2nd Street across I-405 from 112th Avenue NE to 116th Avenue NE. Add half interchange with I-405, to/from the south. Cost estimate reflects only a potential local contribution to a project that will require substantial funding from outside sources.	500			0	500
69		TFP-198	Bel-Red Road and NE 20th Place	Install signal, eastbound left turn pocket and pedestrian crossing.	3,593			0	3,593
70		TFP-199	Lake Hills Boulevard - 148th Avenue SE west to 143rd Avenue SE	Construct/improve curb and gutter, sidewalk and planter strip on both sides of the street consistent with the new section to the east. Remove remaining European White Birch trees in poor health and reconstruct fence as necessary.	900			0	900
71		TFP-200	124th Avenue SE north of SE 41st Place to connect with the I-90 Trail.	Complete bike lanes on 124th Avenue SE north of SE 41st Place to the proposed multi-purpose path that will connect to the I-90 Trail.	2,000			0	2,000
72		TFP-201	SE 36th Street/Factoria Blvd/I-90 Trail intersection	Improve SE 36th Street/Factoria Boulevard/I-90 Trail intersection for pedestrian and bicyclist safety, convenience and connectivity. Analyze key problem areas and consider a combination of design features to address those problems, including: changing curb radii, installing special paving/stripping, improving signage or adjusting signal timing.	100			0	100
73		TFP-202	SE 36th Street east of Factoria Blvd to 142nd Avenue SE	Widen SE 36th Street for bicycles. This road is part of the I-90 Trail and the Mountains to Sound Greenway route. Improve bus stops on north side.	1,355			0	1,355
74		TFP-203	156th Avenue SE/NE 8th to Lake Hills Blvd	Conduct a corridor study/pre-design analysis to evaluate potential improvements to pedestrian facilities, transit facilities, landscaping, street lighting and other amenities along 156th Avenue.	300			0	300
75		TFP-204	Sunset Elementary School to 132nd Avenue SE	Construct a hard surface trail/stairway to connect Sunset Elementary School to 132nd Avenue SE at the Bentall/Newport Office Complex and SE 38th Street.	100			0	100
76		TFP-120	Factoria Boulevard at Newport Way	Construct back-to-back double left-turn pockets northbound at the Newport High School entrance and southbound at Newport Way. Re-locate the access to St. Margaret's church on Factoria Boulevard to align with the signal at the Newport High School access.	4,591			0	4,591
77		TFP-103	129 <sup>th</sup> Avenue SE/SE 38 <sup>th</sup> Street to Newport Way	Complete the design and construct the extension of 129 <sup>th</sup> Avenue SE between SE 38 <sup>th</sup> Street and Newport Way. Investigate traffic operations at the intersection of 129th Avenue SE and SE Newport Way. Consider signalization and channelization improvements if warranted. The 2006-2017 TFP estimates the design completion at \$275K.	4,586			0	4,586

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						Local*	Other**	Total Funding	
<b>Section III: Other Unfunded Local Projects Identified By Completed Alternative Analyses and Planning or Pre-Design Studies</b>									
78			148th Avenue SE HOV Lane Implementation	Evaluate/implement a new transit/HOV lane on southbound 148th Avenue SE from Lake Hills Boulevard to the third southbound lane south of SE 24th.	3,800			0	3,800
79			SE 36th Street/142nd Place to 14700 Block Non-motorized Improvements	Widen SE 36th Street to accommodate 5' bicycle lanes.	1,790			0	1,790
80			Lakemont Boulevard Implementation - Cougar Mountain Way to south city limit (phase 3)	Between Cougar Mtn. Way and Forest Drive, construct sidewalk and bike lanes on both sides, planters and center median or refuge lane where feasible; between Forest Drive and south city limit, add bike lane on the east side of roadway and meandering sidewalk through recently annexed City property on east side of roadway.	1,400			0	1,400
81			NE 24th Street - 171st Avenue NE to 172nd Avenue NE	Maintenance project to address settlement of shoulder, curbing and sidewalk at road edge. Broken stream culvert will be addressed, in coordination with Utilities, as part of this project.	340			0	340
82		TFP-083	NE 24th Street Non-motorized Improvements	West segment, Northup Way to the SR-520 Trail, includes constructing a 10 foot multi-purpose path and a planting strip buffer along the south edge of the road. (East segment completed in 2007).	1,600			0	1,600
83			Reconfigure SE 35th Place Tunnel at I-90	Widen sidewalk through the tunnel to become an 8-9' wide multi-purpose trail with a crash barrier separating the trail from the roadway. Install improved lighting along the length of the tunnel.	720			0	720
84			NE 2nd Street/Bellevue Way Intersection Improvements	Convert southbound thru lane to left/thru shared lane; modify signal.	200			0	200
85			NE 4th Street/Bellevue Way Intersection Improvements	Convert eastbound thru-right to right only.	200			0	200
86			Neighborhood Sidewalks <b>(Moved to Section I)</b>	Neighborhood sidewalks are a set of projects throughout the city supported and frequently requested by neighborhood residents. Individual projects are pedestrian facilities connecting neighborhood residents to neighborhood destinations including housing, parks, schools, shopping and services, employment, and the transit and school bus systems. These projects help address safety issues and promote walking and a healthy lifestyle. The majority of these projects fall into the gap between the small scale funding available through programs like the Neighborhood Enhancement Program or Pedestrian Access Improvements (TIP Ref. No. 38) and the large, highly competitive projects that receive stand-alone CIP project funding. Individual project costs typically fall in the range between \$500,000 and \$1,500,000.	15,000			0	15,000
87			NE 16th Street/136th Place NE to 116th Avenue at NE 12th Street - Stage 1	Along NE 16th Street, widen three to five lanes from 136th Place NE to 132nd Avenue NE; extend 5 lane roadway from 132nd Avenue NE to NE 12th Street at 116th Avenue NE. Key intersections at 116th, 120th, 124th and 130th Avenues NE.	88,000			0	88,000
88			120th Avenue NE/Northup Way to NE 8th Street	Widen to five lanes. Extend/realign roadway between Old Bel-Red Rd and NE 8th St. Bike lanes from NE 8th to NE 15th Sts. Key intersections at NE 8th, 12th, 16th Streets and Northup Way.	36,162			0	36,162
89			124th Avenue NE/Northup Way to Bel-Red Road	Widen to five lanes; between Northup Way and Bel-Red Road. Key intersections at Bel-Red Rd, NE 16th St, and Northup Way.	24,006			0	24,006
90			130th Avenue NE/NE 20th to NE Bel-Red Road	Widen to two to three lanes with turn pockets and on-street parking; shared bike lanes. Key intersections at NE 20th, NE 16th and Bel-Red Road	6,773			0	6,773
91			NE 8th Street/106th Avenue NE	Realignment of the roadway to the south will better utilize the new westbound travel lane (between 108th and 106th Avenues NE; funded in CIP) and preserve the existing large sequoia tree. This realignment will allow NE 8th Street three through lanes westbound from I-405 to Bellevue Way.	1,733			0	1,733
92			112th Avenue NE/NE 2nd Street	Straighten and realign NE 2nd Street between 112th and 114th Avenues NE, add dual southbound left turn lanes and a northbound right turn lane.	1,871			0	1,871
93			Bellevue Way/NE 2nd Street	Add a northbound right turn lane and a second southbound left turn lanes.	884			0	884
94			Bellevue Way/NE 4th Street	Add a southbound right turn lane and a westbound right turn lane. Dual westbound left turn lanes.	1,681			0	1,681
95			Bellevue Way/NE 8th Street	Add southbound right turn lane.	1,254			0	1,254
96			NE 4th Street Extension / 116th Avenue NE to 120th Avenue NE	Design and construct a preliminary recommendation from the Wilburton/NE 8th Street Study. The roadway will consist of five vehicle lanes, bike lanes, sidewalks and will require construction of a sunken roadway and bridges for BNSF and Pedestrians. Neighborhood traffic mitigation will be evaluated to discourage cut through traffic on NE 5th Street east of 120th Avenue NE. This project will be coordinated with potential private development in the immediate vicinity.	30,810			0	30,810

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97			NE 6th Street Extension	Extend the NE 6th Street HOV bridge over northbound I-405 to 116th Avenue NE and/or 120th Avenue NE	40,460			0	40,460
98			112th Avenue SE/SE 4th Street	Add a northbound left turn lane.	2,597			0	2,597
99			Bel-Red Road/NE 20th Street	Add southbound right turn lane; convert westbound lanes on NE 20th Street to provide left turn, left turn/through and through/right turn lanes.	1,446			0	1,446
100			131st Avenue SE/132nd Avenue SE between SE 36th Street and SE 38th Street	Realign 131st Ave SE/132nd Ave SE to form a vehicular and pedestrian connection between SE 36th St and SE 38th St.	372			0	372
101			SE 40th Lane/Factoria Boulevard	Lengthen the southbound to eastbound left turn lane and lengthen the westbound left turn lane.	277			0	277

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<b>Section IV: Regional or Outside Agency-Led Projects in which the City May Choose to Participate Financially</b>									
102			I-405 Corridor Program Implementation	Consider if and how the City will participate with state and regional partners in the development and implementation of the I-405 Corridor Program and its components or connections to the local transportation system north and south of downtown Bellevue (generally, South of NE 2nd Street and North of NE 10th Street, including interchange modifications at I-90 and SR 520). Project funds, as secured, may be used to conduct focused planning, design, and ROW needs studies, prepare final designs, acquire ROW, and for construction.	10,000			0	10,000
103			I-405: Downtown Bellevue Improvements	Consider if and how the City will participate with state and regional partners in the development and implementation of I-405 Corridor Program components or connections to downtown Bellevue to meet future travel demand and related economic development demands. Improvements may include and are not limited to completion of the NE 10th St. overcrossing and ramps to and from SR 520; improvements related to the general purpose capacity of the I-405 mainline through downtown Bellevue; improvements related to the proposed NE 2nd St. half interchange; improvements related to the extension of the NE 6th St. HOV direct access ramp eastward to 120th Ave NE; and improvements related to the implementation of HOT (high occupant and toll) lanes.	15,000			0	15,000
104			I-405 Bus Rapid Transit Implementation	Consider if and how the City will participate with regional partners in the development and implementation of a Bus Rapid Transit system along the I-405 corridor. Project funds, as secured, may be used to conduct planning, design or ROW needs studies, to prepare final designs, to acquire ROW and to complete construction. The project will evaluate/implement system components including mainline improvements, direct access ramps and park and ride development or expansion.	5,000			0	5,000
105			SR 520 Bridge Replacement and HOV Project	Consider if and how the City will participate with state and regional partners in the development and implementation of the SR 520 Project and its components or connections to the local transportation system. Project funds, as secured, may be used to conduct focused planning, design and ROW needs studies, to prepare final designs, to acquire ROW and to complete construction. The project will evaluate/implement SR 520/Translake Project components including mainline widening; added/improved interchanges at Bellevue Way, 108th Avenue NE, I-405, 124th Avenue NE; an added HOV lane on 112th Ave NE between NE 12th Street and the 108th Ave NE interchange at SR 520; arterial/intersection improvements to 108th/112th Avenue NE, and the entrance to the South Kirkland Park & Ride.	15,000			0	15,000
106			SR-520 Eastbound Off Ramp to 152nd Avenue NE	Construct a new slip ramp from eastbound SR-520 under 148th Avenue NE to 152nd Avenue NE. Partner with City of Redmond.	18,000			0	18,000
107			I-90 HOV System Implementation	Consider if and how the City will participate with state and regional partners in the development and implementation of improvements to the I-90 HOV System and its components or connections to the local transportation system. Project funds, as secured, may be used to conduct focused planning, design and ROW needs studies, to prepare final designs, or to acquire ROW and for construction. The project will evaluate/implement improvements such as the two-way transit and HOV operations project; and added/improved access to/from I-405 and Bellevue Way SE (South Bellevue Park and Ride).	5,000			0	5,000
108			I-90 Corridor Study	Consider if and how the City will participate with state and regional partners to implement I-90 corridor study recommendations between I-405 and points east as far as North Bend environs. The Study, being developed in 2007, will recommend improvements to the corridor for general purpose traffic, high occupancy vehicle facilities, freight demands, and non-motorized uses.	2,000			0	2,000

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109			BCC Campus Transit Improvement / Snoqualmie River Road Reconstruction	Consider if and how the City will participate with Bellevue Community College and King County Metro Transit to widen and reconstruct this north-south street along the western edge of the BCC campus from 142nd Place SE to Kelsey Creek Road (adjacent to the ballfields). The improvements would allow bus routes to be moved to this roadway, which would conveniently serve pedestrian access to the core of the campus but without the severe conflicts with heavy vehicular and pedestrian volumes on the existing route (Kelsey Creek and Tyee River Roads). Transit routes would enable a direct connection from the Eastgate Park and Ride lot on the south, through the BCC campus and connecting with 145 Place SE and 148th Avenue. Improvements would include creation of new bus stops, passenger shelters and associated rider amenities, and continuous sidewalks connecting to the campus circulation system.	1,500			0	1,500
110			Transit Service and Facilities Enhancements	Consider if and how the City will participate with transit providers in the development and implementation of transit service and facilities improvements throughout the City. Project funds, as secured, may be used to conduct focused planning, design and ROW needs studies, to prepare final designs, or to acquire ROW and for construction. The project will evaluate/implement transit service, opportunities for future transit-oriented development projects and facilities enhancements including bus stop amenities, bus pull-outs, neighborhood transit centers, bus layover locations and transit signal priority systems on key transit corridors.	10,000			0	10,000
111			SR 520, I-405 to West Lake Sammamish Parkway	Consider if and how the City will participate with state and regional partners in the development and implementation of a SR 520 corridor study between I-405 and West Lake Sammamish Parkway. The study will evaluate near and long term solutions to general purpose and high occupant vehicle mobility issues. The study will evaluate completion of the 124th Ave NE interchange (ramps to and from the east), auxiliary lanes between I-405 and 148th Ave NE, and other improvements necessary to support Bel-Red Corridor, Overlake, and general corridor growth.	10,000			0	10,000
TOTALS:					563,993	119,846	4,433	124,279	688,272

- \* Local Funding includes secured revenue from other local agencies and private entities (City of Redmond, King County, Puget Sound Energy, etc.)
- \*\* Other Funding includes secured revenue from Federal and State grants.
- \*\*\* Cost estimate reflects only City of Bellevue cost sharing contribution to total project cost, per BROTS Interlocal Agreement. Microsoft Corp. is committed to project implementation per Developer Agreement with City of Redmond.