

## IX. Transportation Element

**Table T-2**

**Maximum Allowed Subarea Average V/C Ratio for System Intersections and Individual Intersection LOS**

<i>Use as Maximum Allowed Average V/C after January 1st</i> ⇒	<del>2011</del>	2012	2013	2014	2015	2016	<u>2017</u>
Forecast for Year ⇒	<del>2016</del>	2017	2018	2019	2020	2021	<u>2022</u>
Subarea	Average V/C Ratio						
Southwest	<del>0.90</del>	0.90	0.91	0.91	0.91	0.91	<u>0.91</u>
Northwest	<del>0.93</del>	0.94	0.95	0.95	0.96	0.97	<u>0.97</u>
Northeast	<del>0.91</del>	0.92	0.93	0.93	0.94	0.95	<u>0.95</u>
East	<del>1.06</del>	1.07	1.07	1.07	1.08	1.08	<u>1.08</u>
Maximum allowed individual system intersection V/C ratio	<del>1.40</del>	1.40	1.40	1.40	1.40	1.40	<u>1.40</u>



**Table T-5  
Project Descriptions for the 2022 Transportation Project List (Funded – Unfunded)**

**Non-motorized Improvements**

<b>NM20-1</b>	Sidewalk
<b>Location:</b>	NE 100th Street from 116th Avenue NE to approximately 114th Avenue NE
<b>Description:</b>	Installation of curb, gutter, sidewalk and storm drainage along the north side. Partially funded CIP project NM 0034-001; <a href="#"><u>grant funding secured with schedule for completion scheduled for 2012. is dependent on grant funding.</u></a>
<b>NM20-2</b>	Non-motorized Facilities
<b>Location:</b>	116th Avenue NE (south section) (NE 60th Street to south City limits)
<b>Description:</b>	Widen road to provide a paved five-foot bicycle lane north and southbound. Install pedestrian/equestrian trail along the east side of road. This trail will be separated from the roadway where possible. Partially funded CIP project NM 0001; schedule completion is dependent on grant funding.
<b>NM20-3</b>	Sidewalk
<b>Location:</b>	13th Avenue, Van Aalst Park to 3rd Street
<b>Description:</b>	Install sidewalk and planter strip along the south side of 13th Avenue. Candidate CIP project NM 0054, included as a part of annual non-motorized program NM 8888.
<b>NM20-4</b>	Pedestrian/Bicycle Facility
<b>Location:</b>	18th Avenue at Crestwoods Park/NE 100th Street, from 6th Street to 111th Avenue NE across BNR right-of-way
<b>Description:</b>	Installation of paved path and overpass along the described corridor. Unfunded CIP project NM 0031.
<b>NM20-5</b>	Sidewalk
<b>Location:</b>	93rd Avenue NE from Juanita Drive to NE 124th Street
<b>Description:</b>	Installation of curb, gutter, sidewalk and planter strip along the east side. Candidate CIP project NM 0032, included as a part of annual non-motorized program NM 8888.
<b>NM20-6</b>	Sidewalk
<b>Location:</b>	NE 52nd Street between approximately Lake Washington Boulevard and 108th Avenue NE

**Description:** Install curb, gutter and sidewalk along the north side of the street. Improve storm drainage along project alignment. Unfunded CIP project NM 0007.

**NM20-7** Non-motorized Facilities

**Location:** [Eastside Rail Corridor Burlington Northern Santa Fe Railroad](#) right-of-way, between south and north City limits (AKA “Cross Kirkland Trail”)

**Description:** 10- to 12-foot-wide two-way bike/pedestrian multi-purpose asphalt trail. Unfunded CIP project NM 0024.

**NM20-8** Sidewalk

**Location:** 122nd Avenue NE, between NE 70th Street and NE 75th Street

**Description:** Install curb, gutter and sidewalk along the east side between NE 70th Street and NE 75th Street, and along the west side between NE 75th Street and NE 80th Street. Candidate CIP project NM 0055; included as a part of annual non-motorized program NM 8888.

**NM20-9** [Sidewalk - Walk Route Enhancements](#)

**Location:** 104<sup>th</sup> Ave NE/NE 68<sup>th</sup> St (Lakeview School Walk Route)

**Description:** Install approximately 355 lineal feet of curb, gutter, sidewalk and planter strip along north side of NE 67<sup>th</sup> Street and west side of 104<sup>th</sup> Ave NE. Upgrade ADA ramps at NE 67<sup>th</sup> Street/103<sup>rd</sup> Ave NE, NE 68<sup>th</sup> Street/104<sup>th</sup> Ave NE and mid-block crosswalk on NE 68<sup>th</sup> Street at Lakeview Elementary. Install RRFB pedestrian activated lighted crosswalk at mid-block crosswalk. The project will complete critical non-motorized facilities to safely get students to and from Lakeview Elementary School; a 2010 Safe Routes to School Grant [has been received; project NM 0068 has been moved to funded for 2012](#)~~Application has been submitted for this project. Unfunded CIP project NM 0068.~~

**NM20-10** Bike Lane

**Location:** NE 100th Street, Slater Avenue NE to 132nd Avenue NE

**Description:** Provide markings, minor widening and other improvements to create a bicycle connection from the 100th Street overpass to 132nd Avenue NE. Candidate CIP project NM 0036, included as a part of annual non-motorized program NM 8888.

**NM20-11** Sidewalk

**Location:** NE 95th Street from 112th Avenue NE to 116th Avenue NE

**Description:** Install curb, gutter, sidewalk and storm drain along north side. Unfunded CIP project NM 0045.

**NM20-12** Sidewalk

- Location:** 18th Avenue West from Market Street to Rose Point Lane
- Description:** Install curb, gutter, sidewalk and storm drain along roadway. Candidate CIP project NM 0046, included as a part of annual non-motorized program NM 8888.
- NM20-13** Sidewalk
- Location:** 116th Avenue NE from NE 70th Street to NE 75th Street
- Description:** Installation of curb, gutter, sidewalk and storm drainage along east side of roadway. Unfunded CIP project NM 0047.
- NM20-14** Sidewalk
- Location:** 130th Avenue NE, NE 95th Street to NE 100th Street
- Description:** Installation of curb, gutter, sidewalk and storm drainage along west side of roadway. Unfunded CIP project NM 0037.
- NM20-15** Pedestrian/Bicycle Bridge
- Location:** NE 90th Street, 116th Avenue NE to Slater Avenue; across I-405
- Description:** Pedestrian/bicycle bridge approximately 10 feet wide, with approaches on each end. Unfunded CIP project NM 0030.
- NM20-16A** Sidewalk
- Location:** NE 90th Street, 124th Avenue NE to 128th Avenue NE (Phase I)
- Description:** Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0056.
- NM20-16B** Sidewalk
- Location:** NE 90th Street, 120th Avenue NE to 124th Avenue NE, and 128th Avenue NE to 132nd Avenue NE (Phase II)
- Description:** Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0026.
- NM20-17** Pathway/Sidewalk
- Location:** NE 60th Street from 116th Avenue NE to 132nd Avenue NE
- Description:** Half-street improvements along the north side to include pathway/sidewalk, curb and gutter (where appropriate), storm drainage/conveyance (natural and/or piped) and minor widening; accommodations for equestrians will be reviewed during the design. Unfunded CIP project NM 0048.

- NM20-18** Pedestrian Facility  
**Location:** Forbes Creek Drive from Crestwoods Park to Juanita Bay Park  
**Description:** Installation of curb, gutter and sidewalk along the north side of Forbes Creek Drive from approximately 108th Avenue NE to approximately Market Street. Unfunded CIP project NM 0041.
- NM20-19** Pedestrian/Bicycle Facility  
**Location:** NE 126th Street/Totem Lake Way from 120th Avenue NE to 132nd Place NE  
**Description:** Installation of paved multi-purpose path and storm drainage along corridor. Candidate CIP project NM 0043, included as a part of annual non-motorized program NM 8888.
- NM20-20** Crosswalk Upgrades  
**Location:** Various locations throughout City  
**Description:** Pedestrian crossing improvements. Projects are combined and funded every two years under CIP project NM 0012.
- NM20-21** Annual Pedestrian Improvements  
**Location:** Various locations throughout City  
**Description:** Continue to prioritize and install pedestrian improvements to meet the adopted level of service.
- NM20-22** Annual Bicycle Improvements  
**Location:** Various locations throughout the City  
**Description:** Continue to prioritize and install bicycle improvements to meet the adopted level of service.
- NM20-23** Sidewalk  
**Location:** 112th Avenue NE from NE 87th Street to NE 90th Street  
**Description:** Installation of curb, gutter, sidewalk and storm drain along west side of roadway. Candidate CIP project NM 0049, included as a part of annual non-motorized program NM 8888.
- NM20-24** Sidewalk  
**Location:** NE 80th Street from 126th Avenue NE to 130th Avenue NE  
**Description:** Installation of curb, gutter, sidewalk and storm drain along south side of roadway. Candidate CIP project NM 0050, included as a part of annual non-motorized program NM 8888.

- NM20-25** Sidewalk
- Location:** NE 85th Street from I-405 to 132nd Avenue NE and along 124th Avenue NE from NE 80th Street to NE 90th Street (AKA Rose Hill Business District Sidewalks)
- Description:** Install sidewalk, planter strip, storm drainage and other improvements to enhance Sound Transit bus route 540 ridership. Funded CIP project NM 0051.
- NM20-26** Sidewalk
- Location:** Kirkland Way from 8<sup>th</sup> Street to Ohde Avenue
- Description:** Installation of curb, gutter, sidewalk and storm drain along the roadway. Unfunded CIP project NM 0063.
- NM20-27** Sidewalk
- Location:** NE 112th Street from 117th Place NE to the **Eastside Rail Corridor** crossing
- Description:** Installation of curb, gutter, sidewalk and storm drain along north side of roadway. Candidate CIP project NM 0053, included as a part of annual non-motorized program NM 8888.
- NM20-28** Annual Sidewalk Maintenance Program
- Location:** Citywide
- Description:** Repair and replacement of existing sidewalks to provide safe pedestrian travel ways and to maintain the value of the sidewalk infrastructure. Funded CIP project NM 0057.
- NM20-29** Nonmotorized/Emergency Access Connection
- Location:** 111th Avenue from **Eastside Rail Corridor** north to Forbes Creek Drive
- Description:** Install paved nonmotorized facility with retractable bollards and/or emergency vehicle actuated gate(s) to prevent through traffic. Identified in the Highlands Neighborhood Plan; unfunded CIP project NM 0058.
- NM20-30** Sidewalk
- Location:** 6th Street from 1st Avenue South to Kirkland Way
- Description:** The 6<sup>th</sup> Street Sidewalk will construct 5 foot wide sidewalk along the north side of 6<sup>th</sup> St from Kirkland Ave to approximately 180 feet south to connect into existing sidewalk. In addition, approximately 135 ft of 5 ft sidewalk will be constructed along Kirkland Ave to connect two missing sections of sidewalk and allow pedestrians to walk past an existing power pole and fire hydrant which are currently obstructing the walkway. Two existing sidewalk ramps will be upgraded to meet the requirements of the Americans with Disabilities Act, and two new sidewalk ramps will be constructed to connect the new sidewalk segments. The use of porous concrete will be used for the new sidewalks and storm drain improvements will be made as required. [Project](#)

[NM 0059 has been moved to funded due to the receipt of a TIB Sidewalk Program grant Candidate CIP project NM 0059, included as a part of annual non-motorized program NM 8888.](#)

- NM20-31** Elementary School Walk Route Enhancements
- Location:** Various locations adjacent to schools, including Peter Kirk, Lakeview, Ben Franklin, Rose Hill, Mark Twain, AG Bell and Juanita Elementary Schools.
- Description:** Design and construct curb, gutter and sidewalk, with a planter strip where possible, along designated school walk routes throughout the City. The proposed sidewalks will capitalize on areas where sidewalk has already been constructed with prior development. The proposed concrete sidewalk will be 5 feet wide and will be separated from the edge of the travel lane by a 4.5 foot planter strip and 0.5 foot wide concrete curb (totaling 5 feet). The project will also purchase a portable radar trailer to inform motorists of their speed. Total project cost includes State grant funding of \$498,000. Funded CIP project NM 0067.
- NM20-32** Pedestrian Enhancements
- Location:** Park Lane from Lake Street to Peter Kirk Park – Phase II
- Description:** Repair and replacement of aged and broken sidewalks, curb, gutter and storm drain along this heavily used downtown pedestrian corridor. Existing trees will be reviewed with the objective of improving the overall tree canopy; low impact development standards will be incorporated into the project. Unfunded CIP project NM 0064 001.
- NM20-33** Bike Lane
- Location:** 100<sup>th</sup> Avenue from NE 124<sup>th</sup> Street to NE 132<sup>nd</sup> Street
- Description:** Install bicycle lanes on 100th Avenue NE from NE 124th Street to NE 132nd Street. The new lanes will be accommodated by restriping the existing pavement and narrowing the existing auto lanes. Two landscaped medians will have to be narrowed to accomplish the restriping. In-pavement flashing light heads will be in auto wheel paths with the reconfigured lanes and therefore will be replaced. Detector loops at traffic signals will also need to be replaced to accommodate the new lane configuration. [Project NM 0069 moved to funded for 2011/2012 due to receipt of federal STP grant.](#)
- NM 20-34** Sidewalk
- Location:** 12<sup>th</sup> Avenue from 6<sup>th</sup> Street to the BNSF Railroad adjacent to the east entrance to Peter Kirk Elementary School
- Description:** Install curb, gutter, sidewalk and storm drainage along north side of roadway. Partial funding by TIB Safe School Walking grant. Funded CIP project NM 0066.
- NM 20-35** Annual Non-Motorized Program

**Location:** City wide

**Description:** Install up to various funding levels in 2013, 2014, 2015, 2016 any number of funded or unfunded CIP projects based on the active transportation plan criteria. Funded CIP project NM 8888.

**NM 20-36** Sidewalk

**Location:** NE 104<sup>th</sup> Street between 126<sup>th</sup> Avenue NE and 132<sup>nd</sup> Avenue NE

**Description:** Install curb, gutter, sidewalk and storm drainage along roadway to improve existing Mark Twain Elementary School walk route. Unfunded CIP project NM 0061.

**NM 20-37** Sidewalk

**Location:** 19<sup>th</sup> Avenue from Market Street to 4<sup>th</sup> Street

**Description:** Install curb, gutter, sidewalk and storm drainage along south side of road to improve existing walk route to Kirkland Jr. High School. Unfunded CIP project NM 0062.

**NM 20-38** Sidewalk

**Location:** NE 132<sup>nd</sup> Street from 84<sup>th</sup> Avenue NE to 87<sup>th</sup> Avenue NE

**Description:** Install curb, gutter, sidewalk and planter strip along NE 132nd Street that currently does not have a sidewalk. ADA compliant wheelchair ramps will be installed at crosswalk locations. Unfunded CIP project NM 0071 as grant funding is sought.

**NM 20-39** Trail

**Location:** Eastside Rail Corridor, from South Kirkland Park and Ride to Totem Lake

**Description:** The acquisition of the former BSNFRR corridor for use as a multi-use trail, as one of Kirkland's highest priority non-motorized transportation projects. Funded CIP project NM 0070.

**Street Improvements**

**ST20-1** New Street

**Location:** 118th Avenue NE, NE 116th Street to NE 118th Street

**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0060.

**ST20-2** New Street

**Location:** 119th Avenue NE, NE 128th Street to NE 130th Street

**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0061.

**ST20-3** Street Widening

**Location:** 120th Avenue NE, NE 128th Street to NE 132nd Street

**Description:** Reconstruct from the existing three-lane section to five lanes with sidewalks. Candidate CIP project ST 0063, included as a part of the annual concurrency street improvements ST 8888.

**ST20-4** Street Widening

**Location:** 124th Avenue NE, NE 116th Street to NE 124th Street

**Description:** Widen to five lanes, from existing three lanes with sidewalks. Candidate CIP project ST 0059; design began in 2007 however completion is dependent upon grant funding included as a part of the annual concurrency street improvements ST 8888.

**ST20-5** Street Widening

**Location:** 124th Avenue NE, NE 85th Street to NE 116th Street

**Description:** Widen to three lanes with a center two-way left turn lane (including landscaped center median islands where possible) and 2 travel-lanes, construct bicycle lanes, curb and gutter, sidewalk, storm drainage and landscaping. Unfunded CIP project ST 0064.

**ST20-6** Street Widening

**Location:** 132nd Avenue NE / NE 85th Street to NE 120th Street

**Description:** Widen to three lanes with bike lanes, sidewalks, curb and gutter, landscaping and storm drainage improvements. Unfunded CIP project ST 0056.

**ST20-7** Bridge Replacement

**Location:** 98th Avenue NE at Forbes Creek

**Description:** Reconstruct bridge across Forbes Creek from Market Street into Juanita area in order to meet current seismic requirements. Unfunded CIP project ST 0055.

**ST20-8** New Street

**Location:** 120th Avenue NE from NE 116th Street to **Eastside Rail Corridor** crossing

**Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0073.

- ST20-9** New Street
- Location:** NE 120th Street (east section), from Slater Avenue NE to 124th Avenue NE
- Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. [Project ST 0057 -001 moved to funded for 2012 due to receipt of federal STP grant. Candidate CIP project ST-0057-001, with completion dependent upon grant funding.](#)
- ST20-10** Street Improvements
- Location:** 120th Avenue NE, from Totem Lake Boulevard to NE 128th Street and Totem Lake Plaza
- Description:** Install various traffic calming measures, on-street parking, pedestrian and landscape improvements. Unfunded CIP ST 0070.
- ST20-11** New Street
- Location:** NE 130th Street, Totem Lake Boulevard to 120th Avenue NE
- Description:** Extend two-lane roadway including nonmotorized facilities, storm drainage and landscaping. Unfunded CIP project ST 0062.
- ST20-12** New Street
- Location:** NE 120th Street (west section) from 124th Avenue NE to **Eastside Rail Corridor** crossing
- Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0072.
- ST20-13** Annual Street Preservation Program
- Location:** Various sites throughout the City based on Pavement Management Program
- Description:** Patch and overlay existing streets to provide safe travel ways and maintain the value of the street infrastructure. Funded CIP project ST 0006.
- ST20-14** Street Widening
- Location:** NE 132<sup>nd</sup> Street from 100<sup>th</sup> Avenue NE to the WSDOT interchange
- Description:** Addition of landscape and median islands, repair of curb, gutter and sidewalk. Repaving and restriping to accommodate bike lanes. Configuration as outlined in the 2008 NE 132<sup>nd</sup> Street master plan. Unfunded CIP project ST 0077.
- ST20-15** Street Widening
- Location:** NE 132<sup>nd</sup> Street from WSDOT Interchange to 124<sup>th</sup> Avenue NE

**Description:** Addition of landscape and median islands, repair of curb, gutter and sidewalk. Repaving and restriping to accommodate bike lanes. Configuration as outlined in the 2008 NE 132<sup>nd</sup> Street master plan. Unfunded CIP project ST 0078.

**ST20-16** Street Widening

**Location:** NE 132<sup>nd</sup> Street from 124<sup>th</sup> Avenue NE to 132<sup>nd</sup> Avenue NE

**Description:** Addition of landscape and median islands, repair of curb, gutter and sidewalk. Repaving and restriping to accommodate bike lanes. Configuration as outlined in the 2008 NE 132<sup>nd</sup> Street master plan. Unfunded CIP project ST0079.

**ST20-17** Street Improvements

**Location:** Annual Striping Program

**Description:** Annual program to maintain markings that identify travel lanes and other guidance markings for auto, pedestrian, bicycle, transit and other forms of transportation. The program will result in restriping of more than 30 miles of collector and arterial streets throughout the City. Funded CIP project ST 0080.

**ST20-18** Annual Concurrency Street Improvements

**Location:** City-wide

**Description:** This project provides for the construction and re-construction of city roadways to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. [Funded CIP project ST 8888.](#)

**ST20-19** Annual Street Preservation Program – One Time Project

**Location:** NE 85<sup>th</sup> Street

**Description:** The overlay of NE 85th Street coincident with intersection, roadway and other improvements associated with CIP projects NM 0051, ST 0075, TR 0078, and TR 0080. Funds became available through the State Department of Transportation (WSDOT) as a result of the recent jurisdictional transfer of SR908 from the WSDOT to the City of Kirkland. [Funded CIP project ST 0006-002](#)

[ST 20-20](#) [Street](#)

[Location](#) [Totem Lake Area Development Opportunity Program](#)

[Description](#) [Establishing a new project in anticipation of development opportunities funded through grants that may require a City matching portion. Unfunded CIP project ST 0081.](#)

**Intersection Improvements****TR20-1** Traffic Signal**Location:** 100th Avenue NE/NE 124th Street**Description:** Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Unfunded CIP project TR 0084.**TR20-2** Intersection Improvements**Location:** [Kirkland Way/Eastside Rail Corridor Abutment/Intersection Improvements](#)  
~~[Kirkland Way Underpass at Burlington Northern Santa Fe Railroad crossing](#)~~**Description:** New railroad undercrossing along Kirkland Way, installation of sidewalks and bike lanes in immediate vicinity, improve clearance between roadway surface and overpass, and improve sight distance. Unfunded CIP project TR 0067.**TR20-3** Traffic Signal**Location:** 6th Street/Kirkland Way**Description:** Construct a new signal at this intersection. The project will include controlled pedestrian crosswalks. Funded CIP project TR 0065.**TR20-4** Intersection Improvements**Location:** Totem Lake Way / 120<sup>th</sup> Avenue NE**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem Lake Mall which will be required to install the traffic signal as part of SEPA mitigation. Unfunded CIP project TR 0099.**TR20-5** HOV Queue Bypass**Location:** NE 124th Street and I-405, east to southbound**Description:** Construct an additional lane and signal improvements to allow connection from NE 124th Street to the HOV lane on the southbound freeway access ramp. Unfunded CIP project TR 0057.**TR20-6** Intersection Improvements**Location:** NE 85th Street/120th Avenue NE

**Description:** Project will add one northbound right-turn lane and one new westbound and one new eastbound travel lane on NE 85th Street. Candidate CIP project TR 0088, included as a part of the annual concurrency traffic improvements TR 8888.

**TR20-7** Intersection Improvements

**Location:** NE 85th Street/132nd Avenue NE

**Description:** Project will add one new westbound and one new eastbound travel lane on NE 85th Street. Unfunded CIP project TR 0089.

**TR20-8** HOV Queue Bypass

**Location:** NE 85th Street and I-405, east to southbound

**Description:** Construct an additional lane and signal improvements to allow connection from NE 85th Street to the HOV lane on the southbound freeway access ramp. Unfunded CIP project TR 0056.

**TR20-9** HOV Queue Bypass

**Location:** Lake Washington Boulevard at Northup Way

**Description:** Add southbound Lake Washington Boulevard queue bypass lane from Cochran Springs to westbound SR 520. Unfunded CIP project TR 0068.

**TR20-10** Queue Bypass and HOV Facilities

**Location:** Various as identified

**Description:** Intersection improvements or HOV lanes that are not included in other projects as follows:

1. NE 116th Street/I-405 queue bypass eastbound to southbound (unfunded CIP project TR 0072)
2. NE 85th Street/I-405 queue bypass westbound to northbound (unfunded CIP project TR 0074)
3. NE 70th Street/I-405 queue bypass eastbound to southbound (unfunded CIP project TR 0073)
4. NE 124th Street/I-405 westbound to northbound (unfunded CIP project TR 0075)

**TR20-11** Intersection Improvements

**Location:** Various as identified

**Description:** New signals or signal improvements that are not included in other projects are as follows:

1. Kirkland Avenue/Lake Street South
2. Lake Street South/2nd Avenue South

3. Market Street/Central Way
4. Market Street/7th Avenue NE
5. NE 53rd Street/108th Avenue NE
6. NE 60th Street/116th Avenue NE
7. NE 60th Street/132nd Avenue NE
8. NE 64th Street/Lake Washington Boulevard
9. NE 70th Street/120th Avenue NE or 122nd Avenue NE
10. NE 80th Street/132nd Avenue NE
11. NE 112th Street/124th Avenue NE
12. NE 116th Street/118th Avenue NE
13. NE 116th Street/124th Avenue NE (northbound dual left turn) (TR 0092)
14. NE 126th Street/132nd Place NE
15. NE 128th Street/Totem Lake Boulevard
16. NE 100th Street/132nd Avenue NE
17. Market Street / Forbes Creek Drive
18. NE 112th Street/120th Avenue NE
19. Totem Lake Boulevard/120th Avenue NE

**TR20-12** Intersection Improvements**Location:** NE 70th Street/132nd Avenue NE**Description:** Install westbound and northbound right-turn lanes. Candidate CIP project TR 0086, included as a part of the annual concurrency traffic improvements TR 8888.**TR20-13** Intersection Improvements**Location:** Lake Washington Boulevard at NE 38th Place**Description:** Install upgrades to the existing signalized intersection including one additional northbound Lake Washington Boulevard travel lane through the intersection. Replace all existing pedestrian facilities and consolidate commercial driveways where feasible. Funded CIP project TR 0090.**TR20-14** Intersection Improvements**Location:** 124th Avenue NE at NE 124th Street - Phase III**Description:** Install improvements on the north leg of this intersection. Candidate CIP project TR 0091; included as a part of the annual concurrency traffic improvements, TR 8888.

**TR20-15** Intersection Improvements**Location:** 100th Avenue NE/NE 132nd Street**Description:** Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Construct a second southbound left-turn lane. Candidate CIP project TR 0083, included as a part of the annual concurrency traffic improvements TR 8888.**TR20-16** Traffic Signal**Location:** Central Way & Park Place entrance (between 4<sup>th</sup> St and 5<sup>th</sup> St)**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation; in addition to these vehicular improvements, existing un-signalized crosswalks at 5<sup>th</sup> St and 4<sup>th</sup> St will be eliminated. It is anticipated that the design and construction timing is concurrent with the development of Park Place which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0082.**TR20-17** Intersection Improvements**Location:** NE 132<sup>nd</sup> Street/124<sup>th</sup> Avenue NE**Description:** Extend existing eastbound left turn lane to 500 feet and add a second 500 foot eastbound left turn lane. Widen and restripe east leg to match west leg, widen and restripe north leg for 1,000 feet to provide 2 northbound through lanes with 1 southbound left turn lane and 1 southbound through/right turn lane. Restripe south leg to match north leg; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. FUnfunded CIP project TR 0096.**TR20-18** Intersection Improvements**Location:** NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405**Description:** Coordination of City ROW and intersection improvements in association with the WSDOT's Half-Diamond Interchange at NE 132<sup>nd</sup> Street and I-405 as recommended in the NE 132<sup>nd</sup> Street Master Plan. FUnfunded CIP project TR 0098.**TR20-19** Intersection Improvements**Location:** 6<sup>th</sup> Street/Central Way**Description:** The installation of multiple upgrades to the existing signalized intersection. The intersection improvements will result in a new signature "Gateway" to the Central Downtown area of Kirkland with associated necessary upgrades to surface water elements and a sensitive area (stream). The project will result in the construction of a significant retaining wall structure and the acquisition of new right-of-way, in addition to general signal, pedestrian and ITS improvements. Funded CIP project TR 0100.

**TR20-20** Intersection Improvements**Location:** Central Way/4<sup>th</sup> Street**Description:** Extend two-way-left turn by moving crosswalk to Park Place Signal. Funded CIP project TR 0103.**TR20-21** Intersection Improvements**Location:** 6th Street S/4th Avenue**Description:** Dual eastbound left turn, with widening on 6th Street. Funded CIP project TR 0104.**TR20-22** Intersection Improvements**Location:** Central Way/5<sup>th</sup> Street**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. ~~F~~Unfunded CIP project TR 0105.**TR20-23** Intersection Improvements**Location:** 6th Street / 7th Avenue**Description:** Add left turn lanes on northbound and southbound approaches. ~~F~~Unfunded CIP project TR 0106.**TR20-24** Intersection Improvements**Location:** Market Street / 15<sup>th</sup> Avenue**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. ~~F~~Unfunded CIP project TR 0107.**TR20-25** Intersection Improvements**Location:** NE 85th Street / 124th Avenue NE**Description:** Add northbound right-turn-only pocket. Funded CIP project TR 0108.**TR20-26** Intersection Improvements**Location:** NE 132<sup>nd</sup> St/ Juanita High School**Description:** Construct a 250 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0093.**TR20-27** Intersection Improvements**Location:** Totem Lake Plaza/120th Ave NE Intersection Improvements

- Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the traffic signal as part of SEPA mitigation. [FUnfunded CIP project TR 0110.](#)
- TR20-28** Intersection Improvements
- Location:** Totem Lake Plaza/Totem Lake Blvd
- Description:** Install traffic signal and associated roadway improvements between Totem Lake Boulevard and NE 120th Avenue NE to minimize traffic conflict, improve safety and traffic operations through the Totem Lake Mall. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the improvements as part of SEPA mitigation. [FUnfunded CIP project TR 0109.](#)
- TR20-29** Intersection Improvements
- Location:** NE 132<sup>nd</sup> Street / 108<sup>th</sup> Avenue NE
- Description:** Construct a 250 foot westbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0094.
- TR20-30** Intersection Improvements
- Location:** NE 132<sup>nd</sup> Street / Fire Station Access
- Description:** Modify existing signal to include pedestrian actuated option, as recommended in the NE 132<sup>nd</sup> Street Master Plan, to aid in helping the corridor with capacity issues in anticipation of the WSDOT Half-Diamond interchange at I-405 and NE 132<sup>nd</sup> Street and Totem Lake redevelopment. Unfunded CIP project TR 0095.
- TR20-31** Intersection Improvements
- Location:** NE 132<sup>nd</sup> St/132<sup>nd</sup> Ave NE
- Description:** Extend the eastbound left turn and right turn lanes to 500 feet; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0097.
- TR20-32** Intersection Improvements
- Location:** NE 85<sup>th</sup> St/132<sup>nd</sup> Ave NE
- Description:** Phase 1. Extend the southbound to eastbound left-turn lane pocket. Construct a northbound to eastbound right-turn lane, and extend the westbound to northbound right-turn lane (by Redmond). Sound Transit has contributed [funding \\$860,000](#) towards the cost of the westbound right-turn lane. Funded CIP project TR 0078.
- TR20-33** Intersection Improvements

**Location:** NE 85<sup>th</sup> St/124<sup>th</sup> Ave NE

**Description:** Construct two eastbound to northbound left-turn lanes as part of a Sound Transit Route 540 corridor improvement. The installation of a northbound 124<sup>th</sup> Ave NE taper will provide for a bike lane, wide planter strip with landscaping, and a new sidewalk. Funded CIP project TR 0080.

**TR20-34** Annual Concurrency Traffic Improvements

**Location:** City-wide

**Description:** This project provides for the construction and re-construction of traffic signals and/or intersections to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. Funded CIP project TR 8888.

**TR20-35** Kirkland ITS Improvements – Phase I

**Location:** City-wide

**Description:** The incorporation of Intelligent Transportation System (ITS) needs, as identified in the Kirkland Intelligent Transportation System (KITS) Plan approved by Council in 2008. ITS measures will be employed to upgrade current signal equipment, connect signals and ITS field locations with a new central operations management location. Funded CIP Project TR 0111 000.

**TR20-36** Kirkland ITS Improvements – Phase II

**Location:** City-wide

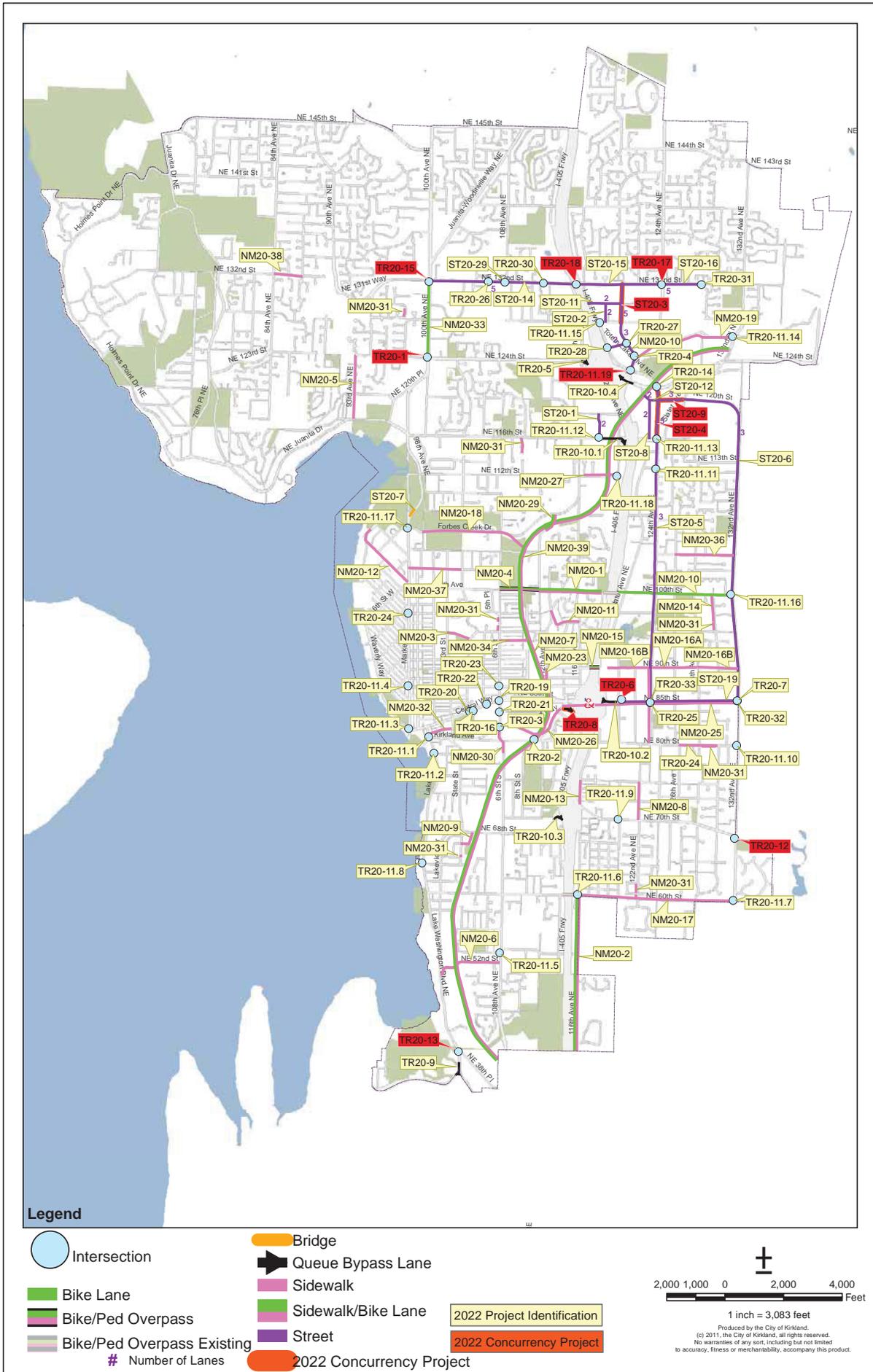
**Description:** The incorporation of Intelligent Transportation System (ITS) needs, as identified in the Kirkland Intelligent Transportation System (KITS) Plan approved by Council in 2008. ITS measures will be employed to upgrade current signal equipment, connect signals and ITS field locations with a new central operations management location. Unfunded CIP Project TR 0111 001.

**TR20-37** Downtown Pedestrian Safety Improvements – Central Way

**Location:** Various intersections on Central.

**Description:** Installation of Countdown Pedestrian Signals (CPS) at intersections of Lake St/Central Way, 3<sup>rd</sup> St/Central Way, and 6<sup>th</sup> St/Central Way. Funded CIP project TR 0112 000.





**Figure T-6: Transportation Project List Funded/Unfunded**



**Table CF - 8**  
**Capital Facilities Plan: Transportation Projects -- 2011-2016**

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2011	2012	2013	2014	2015	2016	Six-Year Total
Local	Surface Water Fees	267,000	300,300	1,248,700	1,048,700	1,048,700	1,048,700	4,962,100
Local	Solid Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Local	Real Estate Excise Tax	1,330,000	1,376,000	1,432,000	1,408,000	1,473,000	1,399,000	8,418,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Local	Gas Tax	549,000	804,000	558,000	562,000	567,000	571,000	3,611,000
Local	Impact Fees (excluding Park Place & Totem Lake Mall)			391,300	391,300	391,300	391,300	1,565,200
Local	Reserves	1,720,900	707,500	2,824,500	200,000	200,000	200,000	5,852,900
Local	Transportation Benefit District			750,000	750,000	750,000	750,000	3,000,000
External	Grants	7,078,700	6,950,700	2,670,000				16,699,400
External	Developer Funded -- Park Place (including Impact Fees)		200,000	1,331,200	1,663,000	1,589,400	2,017,000	6,800,600
External	Developer Funded -- Totem Lake (including Impact Fees)		1,500,000	1,500,000				3,000,000
<b>Total Sources</b>		<b>11,515,600</b>	<b>12,408,500</b>	<b>13,275,700</b>	<b>6,593,000</b>	<b>6,589,400</b>	<b>6,947,000</b>	<b>57,329,200</b>

**USES OF FUNDS****Funded Projects**

Project Number	Project Title	2011	2012	2013	2014	2015	2016	Six-Year Total
ST 0006	Annual Street Preservation Program	2,581,000	2,300,000	2,500,000	2,500,000	2,500,000	2,500,000	14,881,000
ST 0006 001	Annual Street Preservation Program One-Time Capital	500,000						500,000
ST 0006 002	Annual Street Preservation Program One-Time Project		1,122,000					1,122,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)	176,700	2,328,800	3,194,500				5,700,000
ST 0080	Annual Striping Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
ST 8888	Annual Concurrence Street Improvements		850,000	800,000	800,000	800,000	800,000	4,050,000
ST 9999	Regional Inter-Agency Coordination	40,000	40,000	40,000	40,000	40,000	40,000	240,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000
NM 0034 001	NE 100th St at Spinney Homestead Park Sidewalk Phase II		512,600					512,600
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
NM 0059	6th Street Sidewalk	57,900	207,100					265,000
NM 0066	12th Avenue Sidewalk	102,000						102,000
NM 0067	Elementary School Walk Route Enhancements	798,000						798,000
NM 0068	104TH Avenue NE/NE 68th St Lakeview School Walk Route Enhancements		348,000					348,000
NM 0069	100th Ave NE Bicycle Lanes	11,000	150,000					161,000
NM 0070	Eastside Rail Corridor Acquisition	5,000,000						5,000,000
NM 8888	Annual Non-Motorized Program			950,000	1,000,000	1,000,000	1,000,000	3,950,000
TR 0078*	NE 85th St/132nd Ave NE Intersection Improvements (Phase I)		475,000					475,000
TR 0080*	NE 85th Street/124th Avenue NE Intersection Improvements		144,000					144,000
TR 0100 <sup>(1)</sup>	6th Street/Central Way Intersection Improvements	970,000		2,300,000				3,270,000
TR 0102	Growth & Transportation Efficiency Center (GTEC) Enhancements	443,000						443,000
TR 0111	Kirkland ITS Implementation Phase I	300,000	1,781,000					2,081,000
TR 0112	Downtown Pedestrian Safety Improvements - Central Way	16,000						16,000
TR 8888*	Annual Concurrence Traffic Improvements			140,000	140,000	140,000	140,000	560,000
<b>Subtotal 2011-2016 CIP Projects</b>		<b>11,515,600</b>	<b>10,708,500</b>	<b>10,444,500</b>	<b>4,930,000</b>	<b>5,000,000</b>	<b>4,930,000</b>	<b>47,528,600</b>
TR 0056 <sup>(1)</sup>	NE 85th Street HOV Queue Bypass							-
TR 0065 <sup>(1)</sup>	6th Street/Kirkland Way Traffic Signal			200,000	364,000			564,000
TR 0082 <sup>(1)</sup>	Central Way/Park Place Center Traffic Signal			200,000	366,000			566,000
TR 0090 <sup>(1)</sup>	Lake Washington Blvd/Ne 38th Place Intersection Improvements					1,300,000	653,000	1,953,000
TR 0096 <sup>(1)</sup>	NE 132nd St/124th Ave NE Intersection Improvements						1,000,000	1,000,000
TR 0098 <sup>(1)</sup>	NE 132nd Street/116th Way NE - Totem Lake Blvd Intersection Improvements							-
TR 0103 <sup>(1)</sup>	Central Way/4th Street Intersection Improvements			31,200				31,200
TR 0104 <sup>(1)</sup>	6th Street/4th Ave Intersection Improvements			200,000	380,000			580,000
TR 0105 <sup>(1)</sup>	Central Way/5th Street Intersection Improvements			200,000	364,000			564,000
TR 0106 <sup>(1)</sup>	6th Street/7th Ave Intersection Improvements					89,400		89,400
TR 0107 <sup>(1)</sup>	Market Street/15th Ave Intersection Improvements					200,000	364,000	564,000
TR 0108 <sup>(1)</sup>	NE 85th Street/124th Ave NE Intersection Improvements		200,000	500,000	189,000			889,000
<b>Subtotal Park Place Redevelopment Revenue - Related Projects</b>		<b>-</b>	<b>200,000</b>	<b>1,331,200</b>	<b>1,663,000</b>	<b>1,589,400</b>	<b>2,017,000</b>	<b>6,800,600</b>
TR 0109 <sup>(2)</sup>	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements			1,500,000				1,500,000
TR 0110 <sup>(2)</sup>	Totem Lake Plaza/120th Ave NE Intersection Improvements		1,500,000					1,500,000
<b>Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects</b>		<b>-</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,000,000</b>
<b>Total Funded Transportation Projects</b>		<b>11,515,600</b>	<b>12,408,500</b>	<b>13,275,700</b>	<b>6,593,000</b>	<b>6,589,400</b>	<b>6,947,000</b>	<b>57,329,200</b>

**SURPLUS (DEFICIT) of Resources**

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^ The transportation capital projects totaling \$47,528,600 for the six-year period 2011-16 constitute the funded portion of the City's six-year transportation capital improvement plan (CIP). Other projects in this table include capital improvements that will be undertaken only if the proposed redevelopments (Park Place and/or Totem Lake) are completed. Project costs and associated funding beyond 2016 are estimates and do not reflect the City's adopted CIP.

\*These projects provide new capacity towards concurrence

<sup>(1)</sup> Projects associated with Park Place redevelopment

<sup>(2)</sup> Projects associated with Totem Lake redevelopment

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2017	2018	2019	2020	2021	2022	Six-Year Total	Multi-Year Total
Local	Surface Water Fees	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	6,292,200	11,254,300
Local	Solide Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000	3,600,000
Local	Real Estate Excise Tax	970,000	900,000	970,000	900,000	970,000	900,000	5,610,000	14,028,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000	3,240,000
Local	Gas Tax	450,000	450,000	450,000	450,000	450,000	450,000	2,700,000	6,311,000
Local	Impact Fees (excluding Park Place & Totem Lake Mall)	391,300	391,300	391,300	391,300	391,300	391,300	2,347,800	3,913,000
Local	Reserves	180,000	180,000	180,000	180,000	180,000	180,000	1,080,000	6,932,900
Local	Transportation Benefit District	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000	7,500,000
External	Grants	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	19,699,400
External	Developer Funded -- Park Place (including Impact Fees)	1,438,000	2,166,400					3,604,400	10,405,000
External	Developer Funded -- Totem Lake (including Impact Fees)				4,000,000			4,000,000	7,000,000
<b>Total Sources</b>		<b>6,298,000</b>	<b>6,956,400</b>	<b>4,860,000</b>	<b>8,790,000</b>	<b>4,860,000</b>	<b>4,790,000</b>	<b>36,554,400</b>	<b>93,883,600</b>

**USES OF FUNDS**

**Funded Projects**

Project Number	Project Title	2017	2018	2019	2020	2021	2022	Six-Year Total	Multi-Year Total
ST 0006	Annual Street Preservation Program	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	15,000,000	29,881,000
ST 0006 001	Annual Street Preservation Program One-Time Capital							-	500,000
ST 0006 002	Annual Street Preservation Program One-Time Project							-	1,122,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)							-	5,700,000
ST 0080	Annual Striping Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000	3,000,000
ST 8888	Annual Concurrency Street Improvements	800,000	800,000	800,000	800,000	800,000	800,000	4,800,000	8,850,000
ST 9999	Regional Inter-Agency Coordination	40,000	40,000	40,000	40,000	40,000	40,000	240,000	480,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000	420,000
NM 0034 001	NE 100th St at Spinney Homestead Park Sidewalk Phase II							-	512,600
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	2,400,000
NM 0059	6th Street Sidewalk							-	265,000
NM 0066	12th Avenue Sidewalk							-	102,000
NM 0067	Elementary School Walk Route Enhancements							-	798,000
NM 0068	104TH Avenue NE/NE 68th St Lakeview School Walk Route Enhancements							-	348,000
NM 0069	100th Ave NE Bicycle Lanes							-	161,000
NM 0070	Eastside Rail Corridor Acquisition							-	5,000,000
NM 8888	Annual Non-Motorized Program	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000	9,950,000
TR 0078*	NE 85th St/132nd Ave NE Intersection Improvements (Phase I)							-	475,000
TR 0080*	NE 85th Street/124th Avenue NE Intersection Improvements							-	144,000
TR 0100 (1)	6th Street/Central Way Intersection Improvements							-	3,270,000
TR 0102	Growth & Transportation Efficiency Center (GTEC) Enhancements							-	443,000
TR 0111	Kirkland ITS Implementation Phase I							-	2,081,000
TR 0112	Downtown Pedestrian Safety Improvements - Central Way							-	16,000
TR 8888*	Annual Concurrency Traffic Improvements							-	560,000
<b>Subtotal Future Year Costs</b>		<b>4,860,000</b>	<b>4,790,000</b>	<b>4,860,000</b>	<b>4,790,000</b>	<b>4,860,000</b>	<b>4,790,000</b>	<b>28,950,000</b>	<b>76,478,600</b>
TR 0056 (1)	NE 85th Street HOV Queue Bypass		166,400					166,400	166,400
TR 0065 (1)	6th Street/Kirkland Way Traffic Signal							-	564,000
TR 0082 (1)	Central Way/Park Place Center Traffic Signal							-	566,000
TR 0090 (1)	Lake Washington Blvd/Ne 38th Place Intersection Improvements							-	1,953,000
TR 0096 (1)	NE 132nd St/124th Ave NE Intersection Improvements	1,438,000	2,000,000					3,438,000	4,438,000
TR 0098 (1)	NE 132nd Street/116th Way NE - Totem Lake Blvd Intersection Improvements							-	-
TR 0103 (1)	Central Way/4th Street Intersection Improvements							-	31,200
TR 0104 (1)	6th Street/4th Ave Intersection Improvements							-	580,000
TR 0105 (1)	Central Way/5th Street Intersection Improvements							-	564,000
TR 0106 (1)	6th Street/7th Ave Intersection Improvements							-	89,400
TR 0107 (1)	Market Street/15th Ave Intersection Improvements							-	564,000
TR 0108 (1)	NE 85th Street/124th Ave NE Intersection Improvements							-	889,000
<b>Subtotal Park Place Redevelopment Revenue - Related Projects</b>		<b>1,438,000</b>	<b>2,166,400</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,604,400</b>	<b>10,405,000</b>
TR 0109 (2)	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements				2,000,000			2,000,000	3,500,000
TR 0110 (2)	Totem Lake Plaza/120th Ave NE Intersection Improvements				2,000,000			2,000,000	3,500,000
<b>Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>	<b>-</b>	<b>-</b>	<b>4,000,000</b>	<b>7,000,000</b>
<b>Total Funded Transportation Projects</b>		<b>6,298,000</b>	<b>6,956,400</b>	<b>4,860,000</b>	<b>8,790,000</b>	<b>4,860,000</b>	<b>4,790,000</b>	<b>36,554,400</b>	<b>93,883,600</b>
<b>SURPLUS (DEFICIT) of Potential Development Revenue</b>		<b>-</b>	<b>-</b>						

\*These projects provide new capacity towards concurrency

(1) Projects associated with Park Place redevelopment

(2) Projects associated with Totem Lake redevelopment

**Table CF - 9  
2022 Transportation Projects List (Funded - Unfunded)**

Comp Plan ID Number	Project Description	Total Cost <sup>(1)</sup>	Cip Project Number	Funded in 6-yr CIP	Source Doc <sup>(2)</sup>	Comp Plan Goal	2022 Concurrency Project
NM20-1	NE 100th St at Spinney Homestead Park Sidewalk Ph. II	\$ 0.5	NM 0034 001		C, NM	T-2	
NM20-2	116th Ave NE Nonmotorized Facilities	\$ 3.4	NM 0001		C, NM	T-2	
NM20-3	13th Ave Sidewalk (Phase II)	\$ 0.4	NM 0054		C, NM	T-2	
NM20-4	Crestwoods Park/Eastside Rail Corridor Ped/Bike Facility	\$ 2.5	NM 0031		C, NM	T-2	
NM20-5	93rd Ave NE Sidewalk	\$ 1.0	NM 0032		C, NM	T-2	
NM20-6	NE 52nd Street Sidewalk	\$ 1.0	NM 0007		C, NM	T-2	
NM20-7	Cross Kirkland Trail	\$ 6.1	NM 0024		C, NM	T-2, T-8	
NM20-8	Transportation Benefit District	\$ 0.9	NM 0055		C, NM	T-2	
NM20-9	104th Ave NE/NE 68th St Lakeview Schl Wlk Rt Enhncmnts	\$ 0.4	NM 0068		C, NM	T-2	
NM20-10	NE 100th Street Bike Lane	\$ 1.6	NM 0036		C, NM	T-2	
NM20-11	NE 95th St. Sidewalk (Highlands)	\$ 0.6	NM 0045		C, NM	T-2	
NM20-12	18th Ave West Sidewalk	\$ 2.3	NM 0046		C, NM	T-2	
NM20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.4	NM 0047		C, NM	T-2	
NM20-14	130th Ave NE Sidewalk	\$ 0.8	NM 0037		C, NM	T-2	
NM20-15	NE 90th St. Bicycle/Ped Overpass Across I-405	\$ 3.7	NM 0030		C, NM	T-2	
NM20-16A	NE 90th St Sidewalk (Phase I)	\$ 1.2	NM 0056		C, NM	T-2	
NM20-16B	NE 90th St Sidewalk (Phase II)	\$ 2.6	NM 0026		C, NM	T-2	
NM20-17	NE 60th St Sidewalk	\$ 5.0	NM 0048		C, NM	T-2	
NM20-18	Forbes Valley Pedestrian Facility	\$ 2.0	NM 0041		C, NM	T-2	
NM20-19	NE 126th St NM Facilities	\$ 4.3	NM 0043		C, TL	T-2	
NM20-20	Crosswalk upgrades (various locations)	\$ 0.2	NM 0012	√	C, NM	T-2	
NM20-21	Annual Pedestrian Improvements (various locations)		various		NM	T-2	
NM20-22	Annual Bicycle Improvements (various locations)		various		NM	T-2	
NM20-23	112th Ave NE Sidewalk	\$ 0.5	NM 0049		C, NM	T-2	
NM20-24	NE 80th St Sidewalk	\$ 0.9	NM 0050		C, NM	T-2	
NM20-25	Rose Hill Business District Sidewalks	\$ 2.9	NM 0051		C, NM	T-2	
NM20-26	Kirkland Way Sidewalk	\$ 0.4	NM 0063		C, NM	T-2	
NM20-27	NE 112th St Sidewalk	\$ 0.6	NM 0053		C, NM	T-2	
NM20-28	Annual Sidewalk Maintenance Program	\$ 1.2	NM 0057	√	C, NM	T-2	
NM20-29	111th Ave NM/Emergency Access Connection	\$ 2.0	NM 0058		Highland	T-2	
NM20-30	6th Street Sidewalk	\$ 0.3	NM 0059		C	T-2	
NM20-31	Elementary School Walk Route Enhancements	\$ 0.8	NM 0067	√	C	T-2	
NM20-32	Park Lane Pedestrian Corridor (Phase II)	\$ 1.3	NM 0064 001		C	T-2	
NM20-33	100th Avenue NE Bicycle Lanes	\$ 0.2	NM 0069		C	T-2	
NM20-34	12th Ave Sidewalk	\$ 0.4	NM 0066	√	C	T-2	
NM20-35	Annual Nonmotorized Program	\$ 4.0	NM 8888	√	C	T-2	
NM20-36	NE 104th St Sidewalk	\$ 1.8	NM 0061		C	T-2	
NM20-37	19th Ave Sidewalk	\$ 0.8	NM 0062		C	T-2	
NM20-38	NE 132nd Street Sidewalk	\$ 0.4	NM 0071		C	T-2	
NM20-39	Eastside Rail Corridor, South Kirkland P&R to Totem Lake	\$ 5.0	NM 0070		C	T-2	
	Sub-total Non-motorized	\$ 59.0					
ST20-1	118th Ave NE Roadway Extension	\$ 6.4	ST 0060		C, TL	T-4	
ST20-2	119th Ave NE Roadway Extension	\$ 5.6	ST 0061		C, TL	T-4	
ST20-3	120th Ave NE Roadway Improvements	\$ 9.0	ST 0063		C	T-1, T-4	√
ST20-4	124th Ave NE Roadway Improvements	\$ 10.0	ST 0059	√	C	T-1, T-4	√
ST20-5	124th Ave NE Roadway Widening Improvements	\$ 20.0	ST 0064		C	T-4	
ST20-6	132nd Ave NE Roadway Improvements	\$ 25.0	ST 0056		C	T-4	
ST20-7	98th Ave NE Bridge Replacement	\$ 10.0	ST 0055		C	T-4	
ST20-8	120th Ave NE Roadway Extension	\$ 16.0	ST 0073		TL	T-4	
ST20-9	NE 120th St Roadway Extension (east section)	\$ 5.7	ST 0057 001		C	T-1, T-4	√
ST20-10	120th Ave NE/Totem Lake Plaza Roadway Improvements	\$ 3.0	ST 0070		TL	T-4	
ST20-11	NE 130th Street Roadway Extension	\$ 10.0	ST 0062		C	T-4	
ST20-12	NE 120th St Roadway Improvements (west section)	\$ 5.9	ST 0072		TL	T-4	
ST20-13	Annual Street Preservation Program	\$ 15.0	ST 0006	√	C	T-4	
ST20-14	NE 132nd St Rdwy Imprv - Phase I (west section)	\$ 1.4	ST 0077		C, 132	T-4	
ST20-15	NE 132nd St Rdwy Imprv - Phase II (mid section)	\$ 0.3	ST 0078		C, 132	T-4	
ST20-16	NE 132nd St Rdwy Imprv - Phase III (east section)	\$ 1.1	ST 0079		C, 132	T-4	
ST20-17	Annual Striping Program	\$ 1.5	ST 0080	√	C	T-4	
ST20-18	Annual Concurrency Street Improvements	\$ 4.0	ST 8888	√	C	T-4	√
ST20-19	Annual Street Pres Program - ONE-time Project	\$ 1.1	ST 0006 002	√	C	T-4	

	Sub-total Streets	\$ 151.0					
TR20-1	100th Ave NE/NE 124th St Intersection Improvements	\$ 2.2	TR 0084		C	T-4	√
TR20-2	Kirkland Way/Eastside Rail Corridor Abutment/Intersection Improvements	\$ 6.9	TR 0067		C	T-4, T-2	
TR20-3	6th Street/Kirkland Way Traffic Signal	\$ 0.6	TR 0065	√	C	T-4	
TR20-4	Totem Lake Blvd/120th Ave NE	\$ 2.8	TR 0099		C	T-4	
TR20-5	NE 124th St/I-405 Queue Bypass (EB to SB)	\$ 1.7	TR 0057		C	T1 T4 T5	√
TR20-6	NE 85th St/120th Ave NE Intersection Improvements	\$ 5.3	TR 0088		C	BKR T1 T4	√
TR20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$ 1.8	TR 0089		C	BKR T1 T4	
TR20-8	NE 85th St HOV/I-405 Queue Bypass	\$ 0.8	TR 0056		C	T1 T4 T5	√
TR20-9	Lake Wash Blvd/Northup Way Queue Bypass	\$ 6.6	TR 0068		C	T-4	
TR20-10.1	NE 116th St/I-405 Queue Bypass	\$ 7.3	TR 0072		C	T1 T4 T5	
TR20-10.2	NE 85th St/I-405 Queue Bypass	\$ 1.8	TR 0074		C	T1 T4 T5	
TR20-10.3	NE 70th St/I-405 Queue Bypass	\$ 1.7	TR 0073		C	T1 T4 T5	
TR20-10.4	NE 124th St/I-405 Queue Bypass (WB to NB)	\$ 1.3	TR 0075		C	T1 T4 T5	√
TR20-11.1	Kirkland Ave/Lake Street South				P20	T-4	
TR20-11.2	Lake Street South/2nd Ave South				P20	T-4	
TR20-11.3	Market Street/Central Way				P20	T-4	
TR20-11.4	Market Street/7th Avenue NE				P20	T-4	
TR20-11.5	NE 53rd Street/108th Ave NE				P20	T-4	
TR20-11.6	NE 60th Street/116th Ave NE				P20	T-4	
TR20-11.7	NE 60th Street/132nd Avenue NE				P20	T-4	
TR20-11.8	NE 64th Street/Lake Washington Blvd				P20	T-4	
TR20-11.9	NE 70th Street/120th Avenue NE or 122nd Avenue NE				P20	T-4	
TR20-11.10	NE 80th Street/132nd Avenue NE				P20	T-4	
TR20-11.11	NE 112th Street/124th Avenue NE				P20	T-4	
TR20-11.12	NE 116th Street/118th Avenue NE				P20	T-4	
TR20-11.13	NE 116th Street/124th Avenue NE	\$ 1.7	TR 0092		C	T-4	
TR20-11.14	NE 126th Street/132nd Place NE				P20	T-4	
TR20-11.15	NE 128th Street/Totem Lake Blvd				P20	T-4	
TR20-11.16	NE 100th Street/132nd Avenue NE				P20	T-4	
TR20-11.17	Market Street/Forbes Creek Drive				P20	T-4	
TR20-11.18	NE 112th Street/120th Avenue NE				P20	T-4	
TR20-11.19	Totem Lake Blvd/120th Avenue NE				P20	T-4	√
TR20-12	NE 70th Street/132nd Ave NE Intersection Imp	\$ 4.6	TR 0086		C	T-4	√
TR20-13	Lake Wash Blvd/NE 38th Place Intersection Imp	\$ 0.5	TR 0090	√	C	T-4	
TR20-14	NE 124th St/124th Ave NE Intersection Imp	\$ 3.5	TR 0091		C	T-4	
TR20-15	NE 132nd Street/100th Ave NE Intersection Imp	\$ 3.0	TR 0083		C	T-4	√
TR20-16	Central Way/Park Place Center Traffic Signal	\$ 0.2	TR 0082	√	C	T-4	
TR20-17	NE 132nd Street/124th Ave NE Intersection Imp	\$ 5.7	TR 0096		C	T-4	√
TR20-18	NE 132nd Street/116th Way NE Intersection Imp	\$ 0.3	TR 0098		C	T-4	√
TR20-19	6th Street/Central Way Intersection Imp	\$ 3.6	TR 0100	√	C	T-4	
TR20-20	Central Way/4th Street Intersection Imp	\$ 0.03	TR 0103	√	C	T-4	
TR20-21	6th Street/4th Ave Intersection Imp	\$ 0.6	TR 0104	√	C	T-4	
TR20-22	Central Way/5th Street Intersection Imp	\$ 0.6	TR 0105		C	T-4	
TR20-23	6th Street/7th Ave Intersection Improvements	\$ 0.1	TR 0106		C	T-4	
TR20-24	Market Street/15th Ave Intersection Imp	\$ 0.6	TR 0107		C	T-4	
TR20-25	NE 85th Street/124th Ave NE Intersection Imp	\$ 0.9	TR 0108	√	C	T-4	
TR20-26	Totem Lake Plaza/Totem Lake Blvd Intersection Imp	\$ 1.5	TR 0109		C	T-4	
TR20-27	NE 132nd St/Juanita HS Access Road Intersection Imp	\$ 0.9	TR 0093		C	T-4	√
TR20-28	Totem Lake Plaza/120th Ave NE Intersection Imp	\$ 1.5	TR 0110		C	T-4	
TR20-29	NE 132nd St/108th Ave NE Intersection Imp	\$ 0.6	TR 0094		C	T-4	√
TR20-30	NE 132nd St/Fire Station Access Dr Intersection Imp	\$ 0.4	TR 0095		C	T-4	
TR20-31	NE 132nd St/132nd Ave NE Intersection Imp	\$ 0.9	TR 0097		C	T-4	√
TR20-32	NE 85th Street/132nd Ave NE Intersection Imp (Phase I)	\$ 0.5	TR 0078	√	C	T-4	
TR20-33	NE 85th Street/124th Ave NE Intersection Imp	\$ 0.1	TR 0080	√	C	T-4	
TR20-34	Annual Concurrence Traffic Improvements	\$ 0.6	TR 8888	√	C	T-4	√
TR20-35	Kirkland ITS Improvements – Phase I	\$ 2.0	TR 0111 000	√	C	T-4	
TR20-36	Kirkland ITS Improvements – Phase II	\$ 4.0	TR 0111 -1		C	T-4	
TR20-37	Downtown Pedestrian Safety Improvement - Central Way	\$ 0.0	TR 0112 000	√	C	T-4	

Sub-total Traffic \$ 73.8

## Notes:

- (1) '10 Costs in thousands; Funded projects indexed for inflation
- (2) C = CIP, NM = Non-Cap List, P20 - 20 year list, 132 = 132nd Street Masterplan (2008), Highland = Highlands Neighborhood Plan

**Table CF - 10**  
**2022 Concurrency Transportation Projects List**

Comp Plan ID Number	Project Description	Remaining Costs (1)	CIP Project Number	Funded in 6-yr CIP	Source Doc (2)	Comp Plan Goal	2022 Concurrency Project
ST20-3	120th Avenue NE, NE 128th Street to NE 132nd Street	\$ 9.0	ST 0063	No	C	T-1, T-4	√
ST20-4	124th Avenue NE, NE 116th Street to NE 124th Street	\$ 10.0	ST 0059	No	C	T-1, T-4	√
ST20-9	NE 120th Street (east section), from Slater Avenue NE to 124th Avenue NE	\$ 5.7	ST 0057-001	Yes	C	T-1, T-4	√
ST20-18	Annual Concurrency Street Improvements	\$ 4.0	ST 8888	Yes	C	T-4	√
TR20-1	100th Avenue NE / NE 124th Street	\$ 2.2	TR 0084	No	C	T-4	√
TR20-5	NE 124th Street and I-405, HOV Queue By-pass east to southbound	\$ 1.7	TR 0057	No	C	T-1, T-4, T-5	√
TR20-6	NE 85th Street / 120th Avenue NE	\$ 5.3	TR 0088	No	C	BKR, T-1, T-4	√
TR20-8	NE 85th Street and I-405, HOV Queue By-pass east to southbound	\$ 0.8	TR 0056	No	C	T-1, T-4, T-5	√
TR20-10.4	NE 124th Street / I-405 HOV Queue By-pass, westbound to northbound	\$ 1.3	TR 0075	No	C	T-1, T-4, T-5	√
TR20-11.19	Totem Lake Boulevard / 120th Avenue NE.	\$ 1.5	TR 0110	No	C	T-1, T-4, T-5	√
TR20-12	NE 70th Street / 132nd Avenue NE	\$ 4.6	TR 0086	No	C	BKR, T-1, T-4	√
TR20-15	NE 132nd Street / 100th Avenue NE	\$ 3.0	TR 0083	No	C	BKR, T-1, T-4	√
TR20-17	NE 132nd Street / 124 <sup>th</sup> Avenue NE	\$ 5.7	TR 0096	No	C, 132	T-4	√
TR20-18	NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405	\$ 0.3	TR 0098	No	C, 132	T-4	√
TR20-27	NE 132nd Street / Juanita High School Entry	\$ 0.9	TR 0093	No	C, 132	T-4	√
TR20-29	NE 132nd Street / 108th Avenue NE	\$ 0.6	TR 0094	No	C, 132	T-4	√
TR20-31	NE 132nd Street / 132nd Avenue NE	\$ 0.9	TR 0097	No	C, 132	T-4	√
TR20-34	Annual Concurrency Traffic Improvements	\$ 0.6	TR 8888	Yes	C	T-4	√

CONCURRENCY PROJECT LIST TOTAL ('10 Costs w/o INFLATION) \$ 58.10

Years to attain 2022 network: 2011 -- 2022 = 12 years

AVERAGE ANNUAL CONCURRENCY PROKJECT EXPENDITURE \$ 4.84

Notes: Remaining costs with 2010 as "base year"  
 (1) '10 est.; PROJECTS ARE NOT INDEXED FOR INFLATION  
 (2) C = CIP, P20 - 20 year list, 132 = 132nd Street Masterplan (2008)

**Table CF - 10A  
Capital Facilities Plan: Utility Projects**

**SOURCES OF FUNDS**

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
Local	Water and Sanitary Sewer Utility Rates	50,000	1,878,150	988,400	2,010,400	2,777,500	2,979,700	10,684,150
Local	Reserves	1,400,000		1,400,000		1,400,000		4,200,000
Local	Debt		923,950	1,019,100	1,051,500			2,994,550
External	Joint Facility Agreements Redmond/Bellevue		47,900					47,900
<b>Total Sources</b>		<b>1,450,000</b>	<b>2,850,000</b>	<b>3,407,500</b>	<b>3,061,900</b>	<b>4,177,500</b>	<b>2,979,700</b>	<b>17,926,600</b>

**USES OF FUNDS****Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
WA 0063	Supply Station #3 Replacement/Transmission Main Addition		141,000					141,000
WA 0090	Emergency Sewer Pgm Watermain Replacement Program	50,000		50,000		50,000		150,000
WA 0102	104th Ave NE Watermain Replacement						937,000	937,000
WA 0113	116th Ave NE/NE 70th-NE 80th St Watermain Replacement		684,000			1,785,000	643,000	3,112,000
WA 0116*	132nd Ave NE/NE 80th St Watermain Replacement			602,300	1,712,500			2,314,800
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement		215,000	156,300				371,300
WA 8888	Annual Watermain Replacement Program					500,000	500,000	1,000,000
WA 9999	Annual Water Pump Station/System Upgrade Program					442,500	600,000	1,042,500
SS 0056*	Emergency Sewer Construction Program	1,400,000		1,400,000		1,400,000		4,200,000
SS 0063	NE 53rd Street Sewermain Replacement		723,000					723,000
SS 0067	NE 80th Street Sewermain Replacement (Phase II)			1,198,900	1,237,100			2,436,000
SS 0076	NE 80th Street Sewermain Replacement (Phase III)		1,087,000					1,087,000
SS 8888	Annual Sanitary Pipeline Replacement Program				112,300			112,300
SS 9999*	Annual Sanitary Pump Station/System Upgrade Program						299,700	299,700
<b>Total Funded Utility Projects</b>		<b>1,450,000</b>	<b>2,850,000</b>	<b>3,407,500</b>	<b>3,061,900</b>	<b>4,177,500</b>	<b>2,979,700</b>	<b>17,926,600</b>
<b>SURPLUS (DEFICIT) of Resources</b>		<b>-</b>						

\*These projects provide new capacity towards levels of service.

**Table CF - 10B**  
**Capital Facilities Plan: Surface Water Utility Projects**

**SOURCES OF FUNDS**

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
Local	Surface Water Utility Rates	1,200,000	1,411,200	1,587,500	1,587,500	1,182,000	861,900	7,830,100
Local	Reserves	218,000	180,000	242,800	801,200	667,100	450,000	2,559,100
External	External Sources	117,000	168,000	44,000				329,000
<b>Total Sources</b>		<b>1,535,000</b>	<b>1,759,200</b>	<b>1,874,300</b>	<b>2,388,700</b>	<b>1,849,100</b>	<b>1,311,900</b>	<b>10,718,200</b>

**USES OF FUNDS****Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
SD 0047	Annual Replacement of Aging/Failing Infrastructure	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.		180,000		340,000	667,100	450,000	1,637,100
SD 0051	Forbes Creek/KC Metro Access Road Culvert Enh.			733,700				733,700
SD 0053	Forbes Creek/Coors Pond Channel Grade Controls			114,100	644,900	208,000		967,000
SD 0058	Surface Water Sediment Pond Reclamation Phase II		115,400	603,200	114,200			832,800
SD 0059	Totem Lake Boulevard Flood Control Measures	335,000	168,000					503,000
SD 0067	NE 129th Place/Juanita Creek Rockery Repair		115,500	223,300				338,800
SD 0072	Totem Lake Surface Water Opportunity Program	500,000						500,000
SD 0073	Forbes Creek Surface Water Opportunity Program	500,000						500,000
SD 8888	Annual Streambank Stabilization Program		57,700		165,800	300,000	311,900	835,400
SD 9999*	Annual Storm Drain Replacement Program		922,600		923,800	474,000	350,000	2,670,400
<b>Total Funded Surface Water Utility Projects</b>		<b>1,535,000</b>	<b>1,759,200</b>	<b>1,874,300</b>	<b>2,388,700</b>	<b>1,849,100</b>	<b>1,311,900</b>	<b>10,718,200</b>

<b>SURPLUS (DEFICIT) of Resources</b>	-	-	-	-	-	-	-	-
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\*These projects provide new capacity towards levels of service.

**Table CF - 11  
Capital Facilities Plan: Parks Projects**

**SOURCES OF FUNDS**

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
Local	Real Estate Excise Tax	670,000	693,000	718,000	743,000	769,000	796,000	4,389,000
Local	Reserves	100,000						100,000
Local	King County Property Tax Levy	118,000	118,000	118,000	118,000			472,000
External	Grant			500,000				500,000
<b>Total Sources</b>		<b>888,000</b>	<b>811,000</b>	<b>1,336,000</b>	<b>861,000</b>	<b>769,000</b>	<b>796,000</b>	<b>5,461,000</b>

**USES OF FUNDS****Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
PK 0049*	Open Space, Park Land & Trail Acq Grant Match Program	100,000						100,000
PK 0066	Park Play Area Enhancements	50,000	50,000	50,000		50,000	50,000	250,000
PK 0087	Waverly Beach Park Renovation	508,000	162,000					670,000
PK 0113	Spinney Homestead Park Renovation	62,000	338,000					400,000
PK 0115	Terrace Park Renovation			62,000	338,000			400,000
PK 0119	Juanita Beach Park Development		18,000	1,043,000				1,061,000
PK 0121	Green Kirkland Forest Restoration Program	50,000	50,000	50,000	50,000	50,000	50,000	300,000
PK 0124*	Snyder's Corner Park Site Development		75,000	13,000	355,000			443,000
PK 0131*	Park and Open Space Acquisition Program	118,000	118,000	118,000	118,000			472,000
PK 0132	General Park Renovation Program					669,000	696,000	1,365,000
<b>Total Funded Parks Projects</b>		<b>888,000</b>	<b>811,000</b>	<b>1,336,000</b>	<b>861,000</b>	<b>769,000</b>	<b>796,000</b>	<b>5,461,000</b>

<b>SURPLUS (DEFICIT) of Resources</b>	-	-	-	-	-	-	-	-
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\*These projects provide new capacity towards levels of service.

**Table CF-12  
Capital Facilities Plan: Fire and Building Department Projects**

**SOURCES OF FUNDS**

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
Local	Interest Income	213,300	98,400	43,600	226,100	233,900		815,300
Local	Prior Year Project Savings	150,000						150,000
External	Fire District #41	40,600	34,600	15,300	79,400	82,200		252,100
<b>Total Sources</b>		<b>403,900</b>	<b>133,000</b>	<b>58,900</b>	<b>305,500</b>	<b>316,100</b>	<b>-</b>	<b>1,217,400</b>

**USES OF FUNDS****Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>Six-Year Total</i>
PS 0062	Defibrillator Unit Replacement	253,900						253,900
PS 0065	Disaster Response Portable Generators	150,000						150,000
PS 0066	Thermal Imaging Cameras Replacement		133,000					133,000
PS 0067	Dive Rescue Equipment Replacement			58,900				58,900
PS 0071	Self Contained Breathing Apparatus (SCBA)				305,500	316,100		621,600
<b>Total Funded Fire and Building Projects</b>		<b>403,900</b>	<b>133,000</b>	<b>58,900</b>	<b>305,500</b>	<b>316,100</b>	<b>-</b>	<b>1,217,400</b>

<i>SURPLUS (DEFICIT) of Resources</i>	-	-	-	-	-	-	-	-
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Table T-5

SUMMARY OF REVISIONS TO 2022 TRANSPORTATION PROJECT LIST BETWEEN 2010 AND 2011

Non-motorized Improvements

- NM20-1** In **Description**, last sentence, “schedule for completion is dependent on grant funding” was changed to “grant funding secured with completion scheduled for 2012.”
- NM20-7** In **Location**, “Burlington Northern Santa Fe Railroad” was changed to “Eastside Rail Corridor”.
- NM20-9** In **Description**, last sentence, “School Grant application has been submitted for this project. Unfunded CIP project NM-0068” was changed to “School Grant has been received. Project NM 0068 has been moved to funded for 2012.”
- NM20-27** “Burlington Northern Santa Fe Railroad” was changed to “Eastside Rail Corridor”.
- Nm20-29** “Burlington Northern Santa Fe Railroad” was changed to “Eastside Rail Corridor”.
- NM20-30** In **Description**, the last sentence was replaced with “Project NM 0059 has been moved to funded due to the receipt of a TIB Sidewalk Program grant.”
- NM20-33** Text added to end of **Description**: “Project NM 0069 moved to funded for 2011/2012 due to receipt of federal STP grant.”
- NEW!**  
**NM20-38:** Sidewalk  
**Location:** NE 132<sup>nd</sup> Street from 84<sup>th</sup> Avenue NE to 87<sup>th</sup> Avenue NE  
**Description:** Install curb, gutter, sidewalk and planter strip along NE 132nd Street that currently does not have a sidewalk. ADA compliant wheelchair ramps will be installed at crosswalk locations. Unfunded CIP project NM 0071 as grant funding is sought.
- NEW!**  
**NM 20-39:** Trail  
**Location:** Eastside Rail Corridor, from South Kirkland Park and Ride to Totem Lake  
**Description:** The acquisition of the former BSNFRR corridor for use as a multi-use trail, as one of Kirkland's highest priority non-motorized transportation projects. Funded CIP project NM 0070.
- ST20-8** “Burlington Northern Santa Fe Railroad” was changed to “Eastside Rail Corridor”.

**ST20-9** In **Description**, replace last sentence with: “Project ST 0057 -001 moved to funded for 2012 due to receipt of federal STP grant.”

**ST20-12** “Burlington Northern Santa Fe Railroad” was changed to “Eastside Rail Corridor”.

**ST20-18** In **Description**, add last sentence, “Funded CIP project ST 8888.”

**ST20-19** In Description, add last sentence, “Funded CIP project ST 0006-002.”

**NEW!**

**ST 20-20:** Street

**Location:** Totem Lake Area Development Opportunity Program

**Description:** Establishing a new project in anticipation of development opportunities funded through grants that may require a City matching portion. Unfunded CIP project ST 0081.

**Intersection Improvements**

**TR20-2** Description of **Location** changed to: “Kirkland Way/Eastside Rail Corridor Abutment/Intersection Improvements”

**TR20-8** Changed to Funded.

**TR20-17** Changed to Funded.

**TR20-18** Changed to Funded.

**TR20-22** Changed to Funded.

**TR20-23** Changed to Funded.

**TR20-24** Changed to Funded.

**TR20-27** Changed to Funded.

**TR20-28** Changed to Funded.

**TR20-32** In **Description**, replace “\$860,000” with “funding”.

END



## CFP TABLES MODIFICATION SUMMARY 2010 to 2011

### Table CF8 - Capital Facilities Plan: Transportation Projects 2011-2016

#### SOURCES OF FUNDS

**Added:** Local, Solid Waste

#### USES OF FUNDS

**Removed/Completed:** None

#### New Projects:

ST 0057 001	NE 120 <sup>th</sup> Street Roadway Extension (East Section)
NM 0034 001	NE 100 <sup>th</sup> St at Spinney Homestead Park Sidewalk Phase II
NM 0059	6 <sup>th</sup> Street Sidewalk
NM 0068	104 <sup>th</sup> Ave NE/NE 68 <sup>th</sup> St Lakeview School Walk Route Enhancement
NM 0069	100 <sup>th</sup> Ave NE Bicycle Lanes

### Table CF8A – Capital Facilities Plan: Transportation Projects 2017-2022

#### SOURCES OF FUNDS

No changes.

#### USES OF FUNDS

**Removed/Completed:** None

#### New Projects:

ST 0057 001	NE 120 <sup>th</sup> Street Roadway Extension (East Section)
NM 0034 001	NE 100 <sup>th</sup> St at Spinney Homestead Park Sidewalk Phase II
NM 0059	6 <sup>th</sup> Street Sidewalk
NM 0068	104 <sup>th</sup> Ave NE/NE 68 <sup>th</sup> St Lakeview School Walk Route Enhancements
NM 0069	100 <sup>th</sup> Ave NE bicycle Lanes

### Table CF9 - 2022 Transportation Projects List (Funded-Unfunded)

#### Removed/Completed:

NM 20-8	122 <sup>nd</sup> Ave NE Sidewalk
NM 20-33	Central Way Pedestrian Enhancements (Phase II) <i>Keep NM 20-33 100<sup>th</sup> Ave NE Bicycle Lanes (duplicate for NM20-33)</i>

#### New Projects:

NM 20-8	Transportation Benefit District (Unfunded program- no funds required)
NM 20-38	NE 132 <sup>nd</sup> Street Sidewalk (Unfunded – submitted grant application)
NM 20-39	Eastside Rail Corridor, South Kirkland P&R to Totem Lake (Funded)

#### Correction:

TR20-2	Change text from BNSFRR to Eastside Rail Corridor
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### Table CF10 – 2022 Concurrency Transportation Projects List

#### Removed/Completed: None

#### New Projects: None

**Changes:** ST20-3: Change "Remaining Costs" to 9.0.  
ST20-9: Change "Remaining Costs" to 5.7; change "Funded in 6-yr CIP" to Yes.

**Table CF10A - Capital Facilities Plan: Utility Projects*****SOURCES OF FUNDS*****Removed:** PW Trust Fund Loan***USES OF FUNDS*****Removed/Completed:** None**New Projects:**

WA 0113	116 <sup>th</sup> Ave NE/NE 70 <sup>th</sup> – NE 80 <sup>th</sup> St Watermain Replacement
SS 0063	NE 53 <sup>rd</sup> Street Sewermain Replacement

**Table CF 10B - Capital Facilities Plan: Surface Water Utility Projects*****SOURCES OF FUNDS*****New:** Local, Reserves***USES OF FUNDS*****Removed/Completed:** None**New Projects:**

SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.
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**Table CF 11 - Capital Facilities Plan: Parks Projects*****SOURCES OF FUNDS*****Removed:** Local, Park Impact Fees  
External, Grant***USES OF FUNDS***

No changes

**Table CF 12 - Capital Facilities Plan: Fire and Building Department Projects*****SOURCES OF FUNDS*****Removed:** Local, Reserves***USES OF FUNDS***

No changes

## NOTICE OF AVAILABILITY

October 28 2011

The City of Kirkland has issued an addendum to the Draft and Final Environmental Impact Statements for the 2004 Kirkland Comprehensive Plan. The Draft and Final EIS's were issued on July 1, 2004 and October 15, 2004 respectively. **The subject of the EIS addendum is the City Initiated Comprehensive Plan Amendments (CPA) and related Zoning Map Changes for 2011, pursuant to Chapters 130, 140 and 160 KZC - Process IV.** File No. ZON11-00001.

The City annually updates the city-wide element chapters of the Comprehensive Plan to revise the Capital Facilities Plan (CFP) in the Capital Facilities Element chapter and various tables and figures in the Transportation Element chapter to be consistent with annual changes to the Capital Improvement Plan (CIP). In addition, various city wide element chapters and neighborhood plan chapters are updated to revise out of date information, and to reflect any changed conditions.

1. The 2011 City initiated draft amendments to the Kirkland Comprehensive Plan Capital Facilities and Transportation Elements address the newly adopted 6 year CIP for the period of 2011-2016.
2. Various minor changes to the Plan are proposed, which are not policy related; Minor text edits in the Introduction, Natural Environment, and Implementation Strategies Elements and Moss Bay, North/South Juanita, and Market Neighborhood chapters are proposed to make the Plan consistent with the Shoreline Area Chapter adopted in 2010. The amendments further incorporate references to the Shoreline Area chapter and shoreline management zoning regulations which implement the state mandated update to the Kirkland Shoreline Master Program, adopted in August, 2010. Additionally, the Historic Resources section of the Community Character Element Table CC1 List A is revised to acknowledge that the Kirkland Women's Club is designated as a City of Kirkland Landmark
3. Neighborhood boundaries in the Juanita, Finn Hill, Kingsgate Annexation Area and Park rezones are reflected on existing functional Maps and City Wide Land Use Maps.
4. Proposed changes to the Kirkland Zoning Map and Land Use Map address the Cascade Nature Conservancy rezone (from low density residential to public use), Inglenook Court Apartment zoning correction (from commercial to high density residential), Beach rezone (from office to public use), Watershed Park zoning correction (from low density residential to public use), and 10 greenbelts within the Juanita, Finn Hill and Kingsgate Annexation Area (from low density residential to public use) to be consistent with their existing land use.

The following steps will occur in the City of Kirkland's review of this proposal: Public Hearing conducted jointly by the Planning Commission and Houghton Community Council on November 17, 2011; and tentative date for decision and action by City Council in December 2011. Final action by the Community Council is set for January 2012. All dates are subject to change.

If you wish to receive a copy of the proposed 2011 City Initiated CPA or the EIS Addendum, or have any questions, please contact Joan Lieberman-Brill, Kirkland Senior Planner at (425) 587-3254. You may also send requests for copies via e-mail, at [jbrill@kirklandwa.gov](mailto:jbrill@kirklandwa.gov).

2011 City Initiated Comprehensive Plan Amendments  
EIS Addendum

October 2011

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## Fact Sheet

<b>Action Sponsor and Lead Agency</b>	City of Kirkland Department of Planning and Community Development
<b>Proposed Action</b>	Legislative adoption of the <b>2011 Comprehensive Plan Amendments and related Zoning Map changes</b> , pursuant to Chapters 130, 140, and 160 KZC (Process IV).
<b>Responsible Official</b>	signed original in file <b>Eric R. Shields, AICP</b> <b>Planning Director</b>
<b>Contact Person</b>	Joan Lieberman-Brill AICP Senior Planner, City of Kirkland (425) 587-3254 or at <a href="mailto:jbrill@kirklandwa.gov">jbrill@kirklandwa.gov</a>
<b>Required Approvals</b>	Adoption by Kirkland City Council Final Action by Houghton Community Council for amendments within its jurisdiction.
<b>Location of Background Data</b>	File ZON11-00001 City of Kirkland Department of Planning and Community Development 123 Fifth Avenue Kirkland, WA 98033
<b>Date of Issuance</b>	October 28, 2011

**City of Kirkland**

**2011 Comprehensive Plan and Zoning Map Amendments**

**EIS Addendum dated October 28, 2011**

**File No. ZON11-00001**

**I. Background**

The City of Kirkland proposes to **amend the Comprehensive Plan and Zoning Map**. The amendments will be reviewed using the Chapter 160 KZC, Process IV with adoption by City Council and final action by the Houghton Community Council for amendments within their jurisdiction.

This Environmental Impact Statement (EIS) Addendum is intended to fulfill the environmental requirements pursuant to the State Environmental Policy Act (SEPA) for the proposed Comprehensive Plan and Zoning Map amendments.

**II. EIS Addendum**

According to the SEPA Rules, an EIS addendum provides additional analysis and/or information about a proposal or alternatives where their significant environmental impacts have been disclosed and identified in a previous environmental document (WAC 197-11-600(2)). An addendum is appropriate when the impacts of the new proposal are the same general types as those identified in the prior document, and when the new analysis does not substantially change the analysis of significant impacts and alternatives in the prior environmental document (WAC 197-11-600(4)(c) -625, and -706.

The City published a Draft and Final EIS on its Comprehensive Plan 10 year update in 2004. This EIS addressed the 2004 Comprehensive Plan, Zoning Code and Zoning Map updates required by the Washington State Growth Management Act (GMA). Elements of the environment addressed in this EIS include population and employment growth, earth resources, air quality, water resources, plants and animals, energy, environmental health (noise, hazardous materials), land use, socioeconomics, aesthetics, parks/recreation, transportation, and public services/utilities.

This addendum to the *City of Kirkland 2004 Draft and Final Comprehensive Plan 10-Year Update EIS* is being issued pursuant to WAC 197-11-625 to meet the City's SEPA responsibilities. The EIS evaluated plan alternatives and impacts that encompass the same general policy direction, land use pattern, and environmental impacts that are expected to be associated with the proposed amendments to the Comprehensive Plan and Zoning Map discussed herein. While the specific location, precise magnitude, or timing of some impacts may vary from those estimated in the 2004 EIS, they are still within the range of what was evaluated and disclosed there. No new significant impacts have been identified.

### III. Non-Project Action

Decisions on the adoption or amendment of Comprehensive Plans and zoning regulations are referred to in the SEPA rules as “non-project actions” (WAC 197-11-704(2)(b)). The purpose of an EIS in analyzing a non-project action is to help the public and decision-makers identify and evaluate the environmental effects of alternative policies, implementation approaches, and similar choices related to future growth. While plans and regulations do not directly result in alteration of the physical environment, they do provide a framework within which future growth and development – and resulting environmental impacts – will occur. Both the adoption of the Comprehensive Plan evaluated in the *City of Kirkland 2004 Draft and Final Comprehensive Plan 10-Year Update EIS* and eventual action on the 2011 amendments to the Comprehensive Plan and Zoning Map are “non-project actions”.

### IV. Environmental Analysis

The *City of Kirkland 2004 Draft and Final Comprehensive Plan 10-Year Update EIS* evaluated the environmental impacts associated with adoption of proposed policies and land use designations. The plan’s policies are intended to accomplish responsibilities mandated by the Washington State Growth Management Act (GMA), and to mitigate the impacts of future growth. In general, environmental impacts associated with the proposed 2011 Comprehensive Plan Amendments and related Zoning Map Amendment are similar in magnitude to the potential impacts disclosed in the *2004 Comprehensive Plan EIS*. As this proposal is consistent with the policies and designations of the Comprehensive Plan and the environmental impacts disclosed in the *Comprehensive Plan EIS*, no additional or new significant impacts beyond those identified in the EIS for the Comprehensive Plan are anticipated.

### V. Description of the Proposed Amendments to the Comprehensive Plan and Zoning Map

The 2011 Comprehensive Plan amendments and Zoning Map changes are as follows:

1. Capital Facilities Plan tables and Transportation Element maps and tables revised to reflect the 2011- 2016 Capital Improvement Program

The City will adopt the Capital Improvement Program (CIP) in December 2011 for funding and timing of projects as a result of the 2011 budget. Since this was a minor CIP update year and there are major budget constraints, there will be minor adjustments to the 2022 transportation project list as well as minor revisions to all the other Capital Facilities Plan and Transportation Element maps and tables to reflect the limited changes to the CIP.

2. Amended Comprehensive Plan and Zoning maps to reflect ten greenbelt rezones in the Juanita, Finn Hill and Kingsgate (JFK) annexation area.

The JFK annexation was effective on June 1, 2011. King County transferred County owned greenbelts to the City of Kirkland, who will now maintain them. The proposed rezone and land use redesignation of ten greenbelts within these neighborhoods from low

density residential land use and zoning, either 4 or 6 dwelling unit per acre (RSA 4 or RSA 6, respectively ), to Park Open Space land use; Public Use (P) zoning to reflect existing use, requires the citywide land use map, and the Zoning map to be revised.

3. Amended Comprehensive Plan and Zoning maps to reflect rezones in various neighborhoods in the City of Kirkland.

- a) Rezone and Land Use redesignation of City of Kirkland vacant parcel No.123850-0575 from Office land use, PLA17A Zoning to Park/Open Space land use Public Use (P) Zoning. The rezone is proposed in order to bring the land use designation and zoning classification in line with current park/open space use. The proposal affects property located in the North Rose Hill Neighborhood. The rezone requires the corresponding neighborhood plan maps, and citywide land use and park maps, and the Zoning map to be revised.
- b) Rezone and Land Use redesignation of City of Kirkland vacant parcel No. 172505-9105 to correct zoning of a portion of Watershed Park from Low Density Residential land use, RS 12.5 zoning to Park/Open Space land use Public Use (P) zoning. The rezone is proposed in order to bring the land use designation and zoning classification in line with current park/open space use. The property is located in the Central Houghton Neighborhood. The rezone requires the corresponding neighborhood plan maps, citywide land use and parks maps, and the Zoning map to be revised.
- c) Rezone and Land Use redesignation of Cascade Land Conservancy Parcel No. 405570-0940 from Low Density Residential land use, RSA 4 Zoning to Park/Open Space land use Public Use (P) Zoning. The rezone is proposed in order to bring the land use designation and zoning classification in line with current park/open space use. The property is located in the Finn Hill Neighborhood, adjoining Denny and Big Finn Hill Park. The rezone requires the citywide land use and park maps, and the Zoning map to be revised.
- d) Rezone and Land Use redesignation to correct zoning of a portion of Inglenook Court Apartments Parcel No. 357980-0559 from Commercial land use, Neighborhood Business (BNA) zoning, to High Density Residential land use, Multi Family Residential (RMA 1.8) zoning. The rezone is proposed in order to bring the land use designation and zoning classification in line with its current residential land use. The proposal affects property located at 14206 73rd Avenue NE in the Finn Hill Neighborhood. . The rezone requires the citywide land use map and the Zoning map to be revised.

4. Housekeeping Amendments

a) Miscellaneous Maps

Neighborhood boundaries in the Juanita, Finn Hill, Kingsgate Annexation Area and Park rezones are reflected on existing functional Maps and City Wide Land Use Maps.

b) Shoreline Area Chapter.

The state mandated update of our Shoreline Master Program (SMP) contains goals, policies, associated performance standards and administrative processes pursuant to RCW 90.58 and WAC173-26. Adoption of the updated Kirkland SMP occurred in August, 2010. Last year the amendments were integrated into the Comprehensive Plan with the adoption of a Shoreline Area chapter. Further integration of the Shoreline Master Program is proposed with minor text amendments referencing the Shoreline Area chapter and the shoreline management regulations in the Kirkland Zoning Code. The Comprehensive Plan Introduction, Natural Environment, and Implementation Strategies Elements and Moss Bay, North/South Juanita, and Market Neighborhood chapters incorporate proposed references.

c) Community Character Element Historic Resources Revision

Table CC1 List A edits are proposed to acknowledge that the Kirkland Women's Club is designated as a City of Kirkland Landmark, in addition to already being on the State and Federal Registers of Historic Places.

**VI. Public Involvement**

The Houghton Community Council and Planning Commission held study sessions on October 24 and 27 2011, respectively. The Planning Commission and the Houghton will hold a public hearing on November 17, 2011 on the 2011 City Initiated Comprehensive Plan Amendments. Hearings are advertised in the Seattle Times, via the City's cable channel and on a public notice signboard at the sites in the various neighborhoods where the rezones are proposed.

Public notice of the amendments and the public hearings are being provided in accordance with State law. The City Council will take final action on the proposal on December 12, 2011. The Houghton Community Council will take final action on those amendments within their disapproval jurisdiction in January 2012. All dates are subject to change.

**VII. Conclusion**

This EIS Addendum fulfills the environmental review requirements for the proposed **amendments to the Comprehensive Plan and Zoning Map**. The impacts of the proposal are within the range of impacts disclosed and evaluated in the *2004 City of Kirkland Draft and Final Comprehensive Plan 10-year Update EIS* ; no new significant impacts have been identified. Therefore, issuance of this EIS Addendum is the appropriate course of action.

Attachments:

- Proposed City Initiated 2010 Comprehensive Plan Amendments and related Zoning Map change

Cc: Dept. of Ecology, CTED, and File No. ZON11-00001

