



CITY OF KIRKLAND
PLANNING AND BUILDING DEPARTMENT
123 FIFTH AVENUE, KIRKLAND, WA 98033
425.587.3225 - www.kirklandwa.gov

MEMORANDUM

DATE: January 19, 2016

To: Houghton Community Council

FROM: Teresa Swan, Senior Planner
Joan Lieberman-Brill, Senior Planner, AICP
Janice Coogan, Senior Planner
David Barnes, Associate Planner
Jeremy McMahan, Development Review Manager
Paul Stewart, AICP, Deputy Director
Eric Shields, AICP, Director

SUBJECT: Final Approval 2013 – 2015 Comprehensive Plan Update, File CAM13-00465, #6

RECOMMENDATION

Staff recommends the Houghton Community Council approve by motion **Resolution 2016-1** to approve the 2013-2015 Comprehensive Plan Amendments, adopted by the following Ordinances on December 8, 2015 by the Kirkland City Council.

[Ordinance 4493](#) Element Chapters

[Ordinance 4494](#) Neighborhood Plan Chapters

[Ordinance 4496](#) General Zoning Code and Municipal Code Amendments

[Ordinance 4497](#) General Zoning Map and Land Use Map Amendments

Note that all ordinances and associated amendment exhibits within each ordinance are provided in links rather than as an attached to the staff memo. This is due to the very large size of the ordinances.

BACKGROUND DISCUSSION

On December 8, 2015, the Kirkland City Council adopted the referenced ordinances consistent with the recommendations of the Planning Commission (PC) and Houghton Community Council (HCC). City Council approval is the culmination of over three years of work with an extensive public outreach process involving over 200 meetings with residents, neighborhood associations, business groups, and Boards and Commissions who contributed to this process to update the Comprehensive Plan. All amendments are included as links in each Ordinance.

Process

The HCC held nine study sessions on the Comprehensive Plan update between April 2013 and April 2015 on those chapters of the Comprehensive Plan and related zoning regulations within their jurisdiction. These include the General Elements, the Bridle Trails Neighborhood Plan and Chapter 142 (Design Guidelines) of the Kirkland Zoning Code.

Between January and June of 2015 the City Council received briefings on the update of the Comprehensive Plan. Their comments were incorporated into the Plan prior to the public hearing.

On June 25, 2015 the HCC and PC held a joint public hearing on all Element chapters (except the Capital Facilities Plan in the Capital Facilities Element), the Bridle Trails Neighborhood Plan, and associated Zoning and Municipal Code Amendments. An open house was held before the hearing. The HCC recommended approval of the amendments with two suggestions concerning climate change and roundabouts. The following changes were made in response to the comments:

1. Environment Element

A definition of climate change was added to the introduction portion of the climate change section pursuant to a request from the Houghton Community Council. The City Council concurred with this change.

2. Transportation Element

Discussion about using roundabouts as a way to manage traffic in some circumstances and situations has been added to the Transportation Element. The

The City Council concurred with these changes as suggested by the HCC.

In late July the Houghton Community Council waived their discretion to hold a courtesy hearing on the six-year 2015-2020 Capital Facilities Plan (CFP) tables listing transportation, utilities (water and sewer), surface water utility, parks, and public safety projects since the tables were not ready for review at their June 25 joint hearing, and no August meeting was held.

The preliminary draft of the 2015-2020 CFP tables were considered by the Planning Commission at the August 13, 2015 public hearing. In late November 2015 the CFP was finalized concurrently with the Capital Improvement Program.

Attachment 1 to this memorandum are the adopted 2015-2020 Capital Facilities Plan Tables that are contained in the Capital Facilities Element of the Comprehensive Plan. Projects are listed in Capital Facilities Element Tables CF-5 through CF-9 by type (i.e. transportation, utilities (water and sewer), surface water utility, parks, and public safety).

New funded stand-alone capital projects since 2014 that are within Houghton’s jurisdiction are highlighted in yellow. The orange highlighted projects are funded “City-wide” projects with some direct and some in-direct improvements within Houghton’s jurisdiction, new since 2014. Each of these highlighted projects, except public safety projects, are described in more detail in Attachment 2. One new City-wide public safety project regarding aid-car cots was added since 2014. No new park projects were added this year within Houghton’s jurisdiction.

Some minor changes were made to the Draft Plan as of the June 25, 2015 joint public hearing and are discussed in length in the Planning Commission’s recommendations contained in the packet prepared for the October 6 City Council study session on the Comprehensive Plan update. Follow this [link](#) to the **study session** packet. The changes to the Draft Plan as of June 25, 2015, were minor in nature and were in response to comments from the Puget Sound Regional Council (PSRC) and the state Department of Commerce. The City had to make these minor changes to receive GMA certification from these two agencies.

In addition, the City Council reworded Neighborhood Plan Policies NP.2 and NP.4 in the Implementation Strategies chapter (see page 6 in [Exhibit 15](#) in [Ordinance 4493](#)) in response to suggestions from the neighborhood associations during their study sessions in October 2015. These policies address neighborhood plan updates.

Amendment Summary

Key changes to chapters of the Comprehensive Plan that are within Houghton’s jurisdiction are summarized below by Ordinance. Follow the link to each exhibit within each ordinance to view the amendment.

1. Element Chapters ([Ordinance 4493](#))

A. Introduction (see [Exhibit 1](#) in the ordinance)

- Update **history and data** about Kirkland
- Add Kirkland’s **history of annexation map**

B. Vision Statement and Guiding Principles (see [Exhibit 2](#) in the ordinance)

- New **vision statement** based on extensive public outreach resulting in the “wordle” describing the future of Kirkland. The new Vision Statement notes Kirkland as being a welcoming place to live, work and play; a green, livable and sustainable community; inclusive and diverse; and connected by walking, biking and transit
- New **guiding principles** based on the vision of a livable, sustainable and connected community

C. General Elements (see [Exhibit 3](#) in the ordinance)

- Add required **Vision 2040 Regional Statement**

- Revise text about **neighborhood and business district plans** to be at least once between every two major Plan Updates and more frequently if needed based on Council priorities

D. Community Character Element (see [Exhibit 4](#) in the ordinance)

- Look for opportunities for pedestrian connections, open space, art and public events with the **Cross Kirkland Corridor**
- Address **impacts of outdoor storage** of large vehicles, boats and junk in SF neighborhood
- Added **map of historic structures** designated in table of historic structures, sites and objects

E. Environment Element (see [Exhibit 5](#) in the ordinance)

Note: chapter has been rewritten and name revised

- New Introduction and explains the concept of a "**Livable and Sustainable Community**"
- Maintain current **tree and vegetation** canopy cover while achieving optimal health, safety and sustainability of the urban forest
- Look at ways to protect and stabilize **soils and geology** using best available science and practices to order to protect life and property
- Address **built environment** because of important connection between the built and natural environments
- Focus on **climate change** with a strong emphasis on reducing greenhouse gas emissions and definition.
- Added new section on **healthy food community** to encourage local food production, ensure access to healthy food, reduce environmental impacts of food production and plan for food emergencies and shortages.

F. Land Use Element (see [Exhibit 6](#) in the ordinance)

- Support land use patterns that promote **public health**
- Factor availability of **transit** into decisions about future growth
- Encourage land uses that are complementary with the **Cross Kirkland Corridor (CKC)**
- Update and clarify definitions and guidance for **commercial and mixed use areas**
- Emphasize importance of **streets and CKC** as parts of Kirkland's **open space network**

G. Housing Element (see [Exhibit 7](#) in the ordinance)

- Establish city's proportionate share of **housing needs** of very low-, low-, and moderate income households
- Address **homelessness**
- Support **senior housing needs and fair housing**

H. Economic Development Element (see [Exhibit 8](#) in the ordinance)

- Promote **sustainable and resilient economy**
- Encourage **diverse tax base**
- Promote access to **job opportunities and goods and services** to community
- Address **tourism & business retention**
- Address recruitment efforts toward businesses that **provide living wage jobs**
- Encourage **positive business climate**
- Foster **socially and environmentally responsible businesses**
- Support businesses that provide **access to healthy and locally grown food**
- Develop the Cross Kirkland Corridor to **attract businesses and housing** as well as a multimodal transportation facility to connect businesses and employees with employment centers
- Promote **socially responsible practices** in the private, public and non-profit sectors
- Help facilitate environmental **remediation** of contaminated sites

I. Transportation Element (see [Exhibit 9](#) in the ordinance)

Note: chapter has been rewritten based on new Transportation Master Plan

- Create a transportation system that supports the City's **land use plan**.
- Encourage safe and efficient **walking and biking, interconnected system** for all ages and abilities.
- Support viable and realistic **transit system**.
- Provide for efficient and safe **vehicular circulation** recognizing congestion is present
- Focus on **safety** to reduce fatal and serious injury crashes
- Promote **sustainability** that provides mobility using available funding sources and minimizes environmental impacts
- Being an **active partner** to advance Kirkland's interests with state, regional and neighboring transportation/transit agencies and transportation advocacy groups

Level of service:

- **New level of service approach** for each mode that addresses **completeness** of various aspects of the transportation network to complement the new concurrency system
- Uses term "**level of completion**" is used in place of "level of service" when referring to the actual measure. The level of completion choices made for each mode are aligned with the proposed 20-year network transportation project list. Time is the basis for evaluating the level of completion. Level of completion measures the rate of project completion over the course of the 20- year period.

J. Park, Recreation and Open Space (see [Exhibit 10](#) in the ordinance)

Note: rewritten element based on new PROS Plan.

- **Neighborhood & Community Parks.** Acquire additional parklands necessary to adequately serve the City's current and future population based on designated guidelines for levels of service
- **Waterfront Parks.** Maintain and enhance Kirkland's waterfront parks to connect residents with the water and provide unique recreational experiences
- **Trail Network.** Develop a network of shared-use pedestrian and bicycle trails to enable connections within parks and between parks, nearby neighborhoods, public amenities, and major pedestrian and bicycle routes identified in the Active Transportation Plan
- **Signature Trails.** Develop, enhance and maintain signature greenways and trails that stretch across the community and that connect residents to the City's many parks, natural areas, recreation facilities and other amenities
- **Recreation Facilities.** Develop additional multiuse indoor recreation, aquatic, and community spaces that provide a comprehensive recreation program to Kirkland residents.
- **Specialized Facilities.** Establish and operate specialized recreational facilities (e.g. action sports facilities, off leash areas, skate parks, community gardens) to respond to identified public needs, as appropriate
- **Athletics.** Provide a citywide system of sports fields, indoor and outdoor sports courts, gymnasiums, and programs to serve athletic needs of the community, in partnership with the Lake Washington School District, local sports organizations, and other regional providers
- **Conservation & Stewardship.** Preserve significant natural areas to meet outdoor recreation needs, provide opportunities for residents to connect with nature, and meet habitat protection needs
- **Restoration.** Restore and manage City-owned or managed natural areas to protect and enhance their ecological health, sensitive habitats and native species
- **Universal Access & Inclusion.** Strive to reduce barriers to participation and provide universal access to facilities and programs

Level of service:

- **New level of service approach of "investment per person"**

K. Utilities (see [Exhibit 11](#) in the ordinance)

- Support **equal access** to utility services
- Encourage **undergrounding** when telecommunication facilities are installed
- Encourage **screening utility infrastructure** to blend into surroundings
- Promote **water reuse** and **reclamation**
- Implement City's **Surface Water Master Plan**
- Promote **increasing renewable energy** and encouraging utility providers to make **efficiency improvements** and transition away from **fossil fuels** to address **climate change**
- Coordinate **emergency response** for utility disaster recovery

- Require **siting analysis** for electrical transmission facilities

L. Public Services (see [Exhibit 12](#) in the ordinance)

- Establish **emergency management** program
- Change desired closure of **Houghton Transfer Station** from 2016 to 2021 (Note: Later this summer, the Metropolitan King County Council is scheduled to consider changing the 2021 target closure date to 2023. The date stated in the draft Public Services Chapter will not be changed until such time that a change is formally considered by the Kirkland City Council, Resolution R-5001 and Position Statement adopted on September 17, 2013 and Resolution R-5031 and Letter adopted on February 4, 2014, reflecting the City's policy position to endorse a 2021 closure.)
- Promote increased **waste reduction and recycling**
- Support **Lake Washington School District** in planning, siting and development of school facilities
- Address **social equity** for underserved population and **equal access** for people with disabilities

M. Human Services (see [Exhibit 13](#) in the ordinance)

- Embrace **diversity** in population and strive for community **free of discrimination** and **equal opportunity** for all
- Create a community that has the ability to meet members' **basic physical, economic and social needs** and have the opportunity to enhance their **quality of life**
- Encourage **partnerships** with city, schools, human services providers and others to meet the needs of children and families
- Encourage human services facilities to **locate near commercial centers, and transit and non-motorized facilities** and provide **barrier free programs**

N. Capital Facilities (see [Exhibit 14](#) in the ordinance)

- Support **sustainable development practices** for design and construction of public facilities
- Establish new **Transportation LOS** of completion of a planned network based on **multimodal network**
- Establish new **Park LOS** of **dollar amount spent per person**

O. Implementation Strategies (see [Exhibit 15](#) in the ordinance)

- Update **one-time projects** to implement the Draft Elements
- Delete **ongoing activities** since they are part of existing programs or projects
- Revised text for **neighborhood and business district plans** to be amended at least between every two major Plan Update cycle and more frequently if needed based on City Council priorities

P. Appendices (see [Exhibits 16, 17](#) and [18](#) in the ordinance)

- Delete **Appendices A, Level of Service Methodology**, and provide on the City's web site as background information
- Revise **Appendices B, Glossary**, to reflect changes to the Element Chapters and the Neighborhood Plans
- Delete Appendices C, Design Principles - Residential Development, and provide on the City's web site in same location as other design guidelines

2. Neighborhood Plan Chapters (Ordinance 4494)

(Lakeview, Central Houghton and a portion of the Bridle Trails Neighborhood are within the Houghton jurisdiction. These three neighborhood plans are [Exhibits 1, 2](#), and [3](#) in the ordinance, respectively)

- A. General Revisions: Out of the three existing neighborhood plans within Houghton's jurisdiction (Lakeview, Central Houghton, and a portion of Bridle Trails) only the Bridle Trails Plan was updated with new and corrected information to reflect new developments, changed conditions, completed city improvements and updated city policies. In many ways the neighborhood plans have been simplified. In some cases, sections are consolidated or reorganized for be more concise. The revised plans reflect public comments from neighborhood residents received at meetings in 2014-2015. The Lakeview and Central Houghton plans have no text revisions because they are current and thus do not require any changes. Only the maps were updated in these two plans.

Each plan will have the following seven new standardized neighborhood plan maps:

- Land Use Map
- Wetlands, Streams and Lakes Map
- Geologically Hazardous Areas Map
- Street Classifications Map
- Pedestrian System Map
- Bicycle System Map
- Urban Design Features Map

Several of the existing maps in some of the plans are deleted, including the park and open space map and the neighborhood boundary map (already reflected in the land use map).

- B. Bridle Trails Neighborhood Plan: Text was added as a result of City Council briefing comments to consider the Houghton Park and Ride to be a potential candidate as a transit oriented development should the opportunity arise. If that occurs the City and State should work closely with the community to develop design guidelines and development standards for the site. ([Exhibit 3](#) of the ordinance)

3. Minor Zoning Code and Municipal Code Amendments ([Ordinance 4496](#))

(See [Exhibits 1](#) and [2](#) in the ordinance)

- Amend **KZC 10.20** to authorize the **Planning Director to make minor administrative corrections** to the Zoning Map.
- Amend **KZC 10.35.3** concerning the interpretation of **zoning boundaries in Lake Washington** consistent with case law and other jurisdictions in the state.

4. Minor Zoning Map and Land Use Map Amendments ([Ordinance 4497](#))

(See [Exhibits 2](#) and [3](#) in the ordinance)

- Revise the **legends** on both the Zoning Map and Land Use Map to **add the word "mixed use"** after the zoning/land use categories of **commercial, industrial** and **office**. Each term reflects the predominate use in the zone. However a mix of uses are allowed in these zones, including residential in the commercial zones, retail in the office zones, and office in the industrial zones.
- Remove **suffixes on the Zoning Map** on eight properties that reference policies with development standards in the Comprehensive Plan applicable to the site. The properties have been developed so that suffixes are no longer needed.
- Make the following **housekeeping amendments** to both maps:
 - Remove **"FC"** (freeway commercial) and **"Light Manufacturing Park"** zones in the legend of the Zoning Map. These zones no longer exist
 - Remove **"Completed Planned Unit Development"** from the legend on the Zoning Map." The PUD designation is removed once the project is completed
 - Change "Houghton Annexation" to **"Houghton Community Municipal Corporation"** in the legend on the Zoning Map as it was not an annexation

Attachments

1. Adopted Capital Facilities Plan Projects Tables CF-5 through CF-9 highlighting new projects in Houghton.
2. Description of Capital Improvement Plan transportation, water and sewer, surface water, and public safety projects in Houghton.

Cc: File CAM13-00465 #6

Table CF - 5
Capital Facilities Plan: Transportation Projects -- 2015-2035

Account Type	Revenue Source	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035
Local	Gas Tax	192,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000
Local	Revenue Generating Regulatory License	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000
Local	Real Estate Excise Tax 1 (REET 1)	375,000	480,000	540,000	410,000	184,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000	410,000
Local	Real Estate Excise Tax 2 (REET 2)	1,270,000	1,087,500	1,307,400	1,425,000	1,274,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400	1,424,400
Local	Street Levy	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000
Local	Color Utility	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Local	Surface Water	19,800	136,300	1,028,400	805,500	707,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000	105,000
Local	Impact Fees	219,000	1,915,000	1,025,000	2,300,000	1,175,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000	825,000
External	Work Ctr. Park Levy	-	-	-	300,000	300,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Local	Park Impact Fees	-	-	-	880,000	880,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Local	REET 2 Reserves	1,200,000	480,000	530,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	
Local	REET 1 Reserves	1,200,000	1,447,440	1,157,750	1,578,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000	469,000
Local	REET 1 Reserves	525,000	820,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Local	Street Imp. Abs.	-	900,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External	Reprogramming Previous Funding	347,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External	Grants	3,176,000	6,701,600	4,267,000	5,912,700	4,278,000	6,463,400	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200	3,061,200
External	Subtotal 2015-2020 Fund Sources excluding Park Place & Totem Lake	11,089,300	19,990,000	13,630,500	17,653,000	13,861,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000
External	Developer Funding - Park Place (including Impact Fees)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External	Developer Funding - Totem Lake (including Impact Fees)	-	8,845,500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External	Developer - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
External	Subtotal	11,089,300	28,835,500	18,637,500	17,653,000	13,861,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000
External	TOTAL SOURCES	11,089,300	28,835,500	18,637,500	17,653,000	13,861,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000
External	TOTAL 2015-2035 Revenue	11,089,300	28,835,500	18,637,500	17,653,000	13,861,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000	13,773,000

CIP Project Number	Project Title	Included in Impact Fee Calculation?	Capacity project for concurrency?	Funded in CIP							Six-Year Funded CIP 2015-2020	2021-2035 Projects	Candidate Projects for Unfunded Revenue
				2015	2016	2017	2018	2019	2020				
ST 0006	Annual Street Preservation Program	No - maintenance	No - maintenance	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000	29,250,000	
ST 0006-003	Annual Street Preservation Program-One-time Project	No - maintenance	No - maintenance	1,768,000	-	-	-	-	-	-	1,768,000	-	
ST 0006-001	Street Levy Street Preservation	No - maintenance	No - maintenance	2,300,000	2,300,000	2,316,000	2,352,000	2,378,000	2,404,000	2,430,000	14,610,000	36,000,000	
ST 0070	120th Ave NE/Totem Lake Plaza Roadway Improvements	Revised	Yes	-	3,000,000	-	-	-	-	-	3,000,000	-	
ST 0080	Annual Striping Program	No - maintenance	No - maintenance	350,000	400,000	400,000	500,000	500,000	500,000	500,000	2,650,000	7,500,000	
ST 0081-101	100th Ave NE Roadway Detail	Yes R10	Yes	1,065,000	2,144,000	-	-	-	-	-	2,209,000	-	
ST 0081-102	100th Ave NE Roadway Improvements	Yes R10	Yes	1,270,000	1,087,500	1,307,400	1,425,000	1,274,400	1,424,400	1,424,400	10,493,000	-	
ST 0081-103	8th Street South Corridor Study	No - study	No - study	150,000	900,000	-	-	5,000,000	5,485,000	-	150,000	-	
ST 0088	Arctic Development LLC Connection	No - maintenance	No - maintenance	150,000	150,000	-	-	-	-	-	300,000	-	
ST 0099	Regional Inter-Agency Coordination	No - not capacity	No - not capacity	82,000	82,000	82,000	82,000	82,000	82,000	82,000	402,000	1,250,000	
NH 0090-100	Street Levy-Safe School Walk Routes	Yes NH94	Yes	150,000	150,000	150,000	150,000	150,000	150,000	150,000	750,000	2,250,000	
NH 0090-100	Street Levy-Anderson Safety	No - safety	No - safety	150,000	150,000	150,000	150,000	150,000	150,000	150,000	750,000	2,250,000	
NH 0090-101	Neighborhood Safety Program Improvements	No - safety	No - safety	200,000	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000	3,000,000	
NH 0090-102	Arctic Roadway Construction - NE 124th Street	Yes NH95	Yes	30,000	682,000	454,000	-	-	-	-	1,116,000	-	
NH 0017	Crosswalk Upgrade Program	Yes NH95	Yes	30,000	682,000	454,000	-	-	-	-	1,116,000	-	
NH 0017-001	NE 118th Street Crosswalk Upgrade	Yes NH95	Yes	-	200,000	230,000	-	-	-	-	430,000	-	
NH 0017-002	NE 124th Street Crosswalk Upgrade	Yes NH95	Yes	-	80,000	-	-	-	-	-	80,000	-	
NH 0017-003	113rd Avenue NE Crosswalk Upgrade	Yes NH95	Yes	-	-	250,000	-	-	-	-	250,000	-	
NH 0017-004	King County Eastside Rail Acquisition in North Kirkland	No - not capacity	No - not capacity	-	-	300,000	-	-	-	-	300,000	-	
NH 0057	Arctic Roadway Maintenance Program	No - maintenance	No - maintenance	200,000	200,000	-	-	-	-	-	400,000	3,000,000	
NH 0064	South Kirkland TOD/CKC Multi-Modal Connection	No - not capacity	No - not capacity	2,021,400	132,600	-	-	-	-	-	2,154,000	-	
NH 0068-001	NE 124th St/124th Ave NE Pedestrian Bridge Design	Yes NH91	Yes	750,000	750,000	-	-	-	-	-	1,500,000	-	
NH 0068-002	NE 124th St/124th Ave NE Pedestrian Bridge Construction	Yes NH91	Yes	4,060,000	7,300,000	-	-	-	-	-	11,360,000	-	
NH 0068-003	Arctic Roadway Construction	Yes NH91	Yes	1,000,000	864,200	869,000	490,000	490,000	490,000	490,000	5,203,200	-	
NH 0068-004	North Kirkland/CKC School Bus Route Enhancements	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-001	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069-002	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-003	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069-004	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-005	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069-006	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-007	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069-008	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-009	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000	2,480,000	-	
NH 0069-010	Arctic Roadway Construction	Yes NH91	Yes	106,400	891,600	663,400	-	-	-	-	1,661,400	-	
NH 0069-011	Arctic Roadway Construction	Yes NH91	Yes	200,000	480,000	300,000	500,000	500,000	500,000	500,000			

Table CF - 6
Capital Facilities Plan: Utility Projects

SOURCE OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
Local	Utility Rates	3,387,000	3,612,000	3,760,000	4,021,000	4,214,000	4,539,800	23,533,800
Local	Connection Fees	865,000	865,000	865,000	865,000	865,000	865,000	5,190,000
Local	Reserves	1,427,000	-	1,400,000	-	1,400,800	-	4,227,800
Local	Debt	-	-	-	-	-	-	-
Local		5,679,000	4,477,000	6,025,000	4,886,000	6,479,800	5,404,800	32,951,600

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
WA 0102	104th Ave NE Watermain Replacement					525,000	161,000	686,000
WA 0115.001	Water System Telemetry Upgrade	200,000						200,000
WA 0134	5th Ave S / 8th St S Watermain Replacement						553,000	553,000
WA 0150	6th Street Watermain Replacement							-
WA 0151	7th Avenue S Watermain Replacement							-
WA 0152	4th Street Watermain Replacement							-
WA 0140	NE 85th Street Watermain Replacement							-
WA 0145	Kirkland Avenue/6th Street S Watermain Replacement							-
WA 0148	Park Lane Watermain Replacement							-
WA 0150	6th Street Watermain Replacement	148,000						148,000
WA 0151	7th Avenue S Watermain Replacement	53,000						53,000
WA 0152	4th Street Watermain Replacement	467,000						467,000
WA 0153	3rd Street Watermain Improvement		440,000	317,000				757,000
WA 0154	4th Street Watermain Replacement Phase 2		290,000	174,000				464,000
WA 0155	120th Avenue NE Watermain Improvement			437,000	273,000			710,000
WA 0156	122nd Avenue NE Watermain Improvement			505,600	190,400			696,000
WA 0157	8th Avenue W Watermain Improvement				421,800	288,200		710,000
WA 0158	NE 112th Street Watermain Improvement					365,000		365,000
WA 0159	NE 113th Place Watermain Improvement				373,000			373,000
WA 0160	126th Avenue NE Watermain Improvement						990,000	990,000
WA 0161	Kirkland Way Watermain Replacement	90,000	310,000					400,000
WA 0162	LWB Watermain Replacement at Cochran Springs	260,000						260,000
WA 0163	2nd Street South Watermain Replacement	290,000						290,000
WA 8888	Annual Watermain Replacement Program	359,400						359,400
WA 9999	Annual Water Pump Station/System Upgrade Pgm	359,400						359,400
SS 0051	6th Street S Sewermain Replacement						884,000	884,000
SS 0052	108th Avenue NE Sewermain Replacement			865,800	2,861,800	1,624,400		5,352,000
SS 0062	NE 108th Street Sewermain Replacement				766,000	3,677,200	1,966,800	6,410,000
SS 0069	1st Street Sewermain Replacement		958,900	2,861,100				3,820,000
SS 0070	5th Street Sewermain Replacement		419,500	864,500				1,284,000
SS 0071	6th Street Sewermain Replacement		287,000					287,000
SS 0072	Kirkland Avenue Sewermain Replacement						850,000	850,000
SS 0073	Rose Point Sewer Lift Station Replacement	1,450,000	1,110,000					2,560,000
SS 0078	5th Avenue S Sewermain Replacement	38,000						38,000
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement	865,400	361,600					1,227,000
SS 0082	3rd & Central Way Sanitary Sewer Crossing		300,000					300,000
SS 8888	Annual Sanitary Pipeline Replacement Program	549,400						549,400
SS 9999	Annual Sanitary Pump Station/System Upgrade Pgm	549,400						549,400
Total Funded Utility Projects		5,679,000	4,477,000	6,025,000	4,886,000	6,479,800	5,404,800	32,951,600
SURPLUS (DEFICIT) of Resources		-						

Table CF - 7
Capital Facilities Plan: Surface Water Utility Projects

SOURCES OF FUNDS

Revenue Type	Revenue Source	2015	2016	2017	2018	2019	2020	Six-Year Total
Local	Utility Rates	1,685,000	1,744,000	1,801,000	1,872,000	1,916,000	2,120,000	11,138,000
Local	Reserves	438,000	300,000	450,000	50,000	100,000	50,000	1,388,000
External	Grants	237,900	487,000	350,000				1,074,900
Total Sources		2,360,900	2,531,000	2,601,000	1,922,000	2,016,000	2,170,000	13,600,900

USES OF FUNDS**Funded Projects**

Project Number	Project Title	2015	2016	2017	2018	2019	2020	Six-Year Total
SD 0047	Annual Replacement of Aging/Failing Infrastructure	200,000		200,000	200,000	200,000	200,000	1,000,000
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.	971,500	478,500					1,450,000
SD 0049	Forbes Creek/108th Ave NE Fish Passage Imp					230,400	179,600	410,000
SD 0063	Everest Creek - Slater Ave at Alexander St						360,000	360,000
SD 0067	NE 129th Place/Juanita Creek Rockery Repair	370,000						370,000
SD 0076	NE 141st Street/111th Avenue NE Culvert Repair		76,100	683,900				760,000
SD 0077	Goat Hill Storm Drainage Repair	168,000	672,000					840,000
SD 0078	Billy Creek Ravine Stabilization Phase II	43,000	187,000					230,000
SD 0081	Neighborhood Drainage Assistance Program (NDA)	50,000		50,000		50,000		150,000
SD 0084	Market St, Central to 12th Ave					224,000	696,000	920,000
SD 0086	99th Place NE Stormwater Pipe Replacement	390,000						390,000
SD 0087	Silver Spurs Flood Reduction			70,000				70,000
SD 0088	Comfort Inn Pond Modifications		407,000	240,000				647,000
SD 0089	NE 142nd Street Surface Water Drainage Improvements			160,000				160,000
SD 0090	Goat Hill Drainage Ditch and Channel Stabilization				320,000			320,000
SD 0091	Holmes Point Drive Pipe Replacement	40,000	260,400	199,600				500,000
SD 0092	Juanita Creek Culvert			140,600	519,400			660,000
SD 0093	Pleasant Bay Apartments Line Replacement			106,900	203,100			310,000
SD 0094	NE 114th Place Stormline Replacement					260,000		260,000
SD 0095	NE 141st Street Stormwater Pipe Installation				170,000			170,000
SD 0096	CKC Emergent Projects Surface Water Opportunity Fund		100,000					100,000
SD 0097	Champagne Creek Stabilization				339,500	440,500		780,000
SD 0098	Champagne Creek Stormwater Retrofit				120,000			120,000
SD 0099	Goat Hill Drainage Conveyance Capacity					259,200	370,800	630,000
SD 0100	Brookhaven Pond Modifications					301,900	313,600	615,500
SD 0105	Property Acquisition Opportunity Fund		50,000	50,000	50,000	50,000	50,000	250,000
SD 0106	CKC Surface Water Drainage at Crestwoods Park Permitting Study	40,000						40,000
SD 0106 001	CKC Surface Water Drainage at Crestwoods Park Design/Construction		300,000	700,000				1,000,000
SD 8888	Annual Streambank Stabilization Program	44,200						44,200
SD 9999	Annual Surface Water Infrastructure Replacement Program	44,200						44,200
Total Funded Surface Water Utility Projects		2,360,900	2,531,000	2,601,000	1,922,000	2,016,000	2,170,000	13,600,900

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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**Table CF - 8
Capital Facilities Plan: Parks Projects**

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
Local	Real Estate Excise Tax	759,600	920,000	215,000	868,000	1,343,000	885,000	4,990,600
Local	Reserves	568,015	200,000					768,015
Local	Kirkland Park Levy	1,050,000	1,450,000	1,250,000	1,250,000	1,150,000	973,000	7,123,000
Local	Impact Fees		1,107,400	594,000	1,265,000	1,865,000	2,026,000	6,857,400
Local	Carryover PY Savings	175,000						175,000
Local	General Fund Cash	25,000						25,000
External	Grants	975,000		500,000	500,000			1,975,000
Total Sources		3,552,615	3,677,400	2,559,000	3,883,000	4,358,000	3,884,000	21,914,015

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
PK 0049	Open Space, Pk Land & Trail Acq Grant Match Program	100,000						100,000
PK 0066	Park Play Area Enhancements	50,000	50,000	50,000	50,000	75,000	75,000	350,000
PK 0087 100	Waverly Beach Park Renovation	818,015						818,015
PK 0087 101	Waverly Beach Park Renovation Phase 2					250,000	1,000,000	1,250,000
PK 0119 002	Juanita Beach Park Development Phase 2			100,000	1,208,000			1,308,000
PK 0119 100	Juanita Beach Bathhouse Replacement & Shelter	200,000	1,000,000					1,200,000
PK 0121	Green Kirkland Forest Restoration Program	125,000	75,000	75,000	75,000	75,000	75,000	500,000
PK 0123	Peter Kirk Pool Liner Replacement		125,000					125,000
PK 0133 100	Dock & Shoreline Renovations	175,000	250,000			250,000	250,000	925,000
PK 0133 200	City-School Playfield Partnership	850,000		500,000	500,000			1,850,000
PK 0133 300	Neighborhood Park Land Acquisition			750,000	750,000	750,000	734,000	2,984,000
PK 0133 400	Edith Moulton Park Renovation	600,000	200,000					800,000
PK 0133 401	Edith Moulton Park Renovation Phase 2		1,115,000					1,115,000
PK 0134	132nd Park Playfields Renovation	509,600	127,400					637,000
PK 0135 200	Juanita Heights Park Expansion		200,000					200,000
PK 0138	Everest Park Restroom/Storage Building Replacement					708,000		708,000
PK 0139 200	Totem Lake Park Master Plan & Development (Phase I)	125,000	535,000	1,084,000				1,744,000
PK 0139 300	Totem Lake Park Development Phase 2				800,000	1,000,000	1,000,000	2,800,000
PK 0146	CKC North Extension Trail Development				250,000	750,000		1,000,000
PK 0147	Parks Maintenance Center				250,000	500,000	750,000	1,500,000
Total Funded Parks Projects		3,552,615	3,677,400	2,559,000	3,883,000	4,358,000	3,884,000	21,914,015

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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**Table CF-9
Capital Facilities Plan: Public Safety Projects**

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
Local	General Fund	308,600	224,900	111,700	193,200	742,000	439,400	2,019,800
Local	General Fund Cash			2,858,685				2,858,685
Local	Fire District 41 Bond/Cash		2,500,000	2,656,162				5,156,162
Local	REET 1 Reserves			772,153				772,153
External	King County EMS Levy	95,800						95,800
Total Sources		404,400	2,724,900	6,398,700	193,200	742,000	439,400	10,902,600

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>2019</i>	<i>2020</i>	<i>Six-Year Total</i>
PS 0062	Defibrillator Unit Replacement						176,900	176,900
PS 0066	Thermal Imaging Cameras					76,500		76,500
PS 0076	Personal Protective Equipment					573,100		573,100
PS 0078	Power Cots	234,300						234,300
PS 0080	Emergency Generators		60,000		60,000		60,000	180,000
PS 2000	Fire Equipment Replacement	26,100	46,700	19,500	55,700	20,900	25,000	193,900
	Subtotal Funded Fire Projects	260,400	106,700	19,500	115,700	670,500	261,900	1,434,700
PS 1000	Police Equipment Replacement	144,000	118,200	92,200	77,500	71,500	177,500	680,900
	Subtotal Funded Police Projects	144,000	118,200	92,200	77,500	71,500	177,500	680,900
PS 3001	Fire Station 25 Renovation			3,787,000				3,787,000
PS 3002	Fire Station 24 Property Acquisition		2,500,000					2,500,000
PS 3003	Fire Strategic Plan Implementation			2,500,000				2,500,000
	Subtotal Funded Facilities	-	2,500,000	6,287,000	-	-	-	8,787,000
Total Funded Public Safety Projects		404,400	2,724,900	6,398,700	193,200	742,000	439,400	10,902,600
SURPLUS (DEFICIT) of Resources		-	-	-	-	-	-	-

Table CF - 5

Capital Facilities Plan: Transportation Projects 2015-2035

CIP Project Number	Project Title	Six-Year Funded CIP 2015-2020	Description
Houghton Specific			
ST 0087	6th Street South Corridor Study	150,000	A corridor study/master plan to guide future capital improvement construction phases for the 6th Street South corridor, in conjunction with the Everest and Central Houghton Commercial Center updates. The purpose of the study is to evaluate existing conditions and recommend a prioritized set of improvements for the corridor. Goals for the corridor will be consistent with established City goals and policies. A substantial public involvement process will be integral to the development of the study's end product. Improvements will be focused on: transit, bicycle and pedestrian facilities, safety, drainage, signing, marking, lighting, and geometric conditions at intersections.
NM 0007	Cross Kirkland Corridor Connection - NE 52nd Street Sidewalk	1,136,900	Widening and minor realignment of NE 52nd Street west of Cross Kirkland Corridor; the installation of concrete retaining wall and concrete curb, gutter and sidewalk along the north side. The existing storm drainage system will be completed and improvements will be made to the street crossing at the Cross Kirkland Corridor. NE 52nd Street provides the only east/west access between 108th Avenue NE and Lake Washington Boulevard and NE 68th Street to NE 38th Street. Various developments have completed approximately 20% of the improvements, but pedestrians must use the pavement and some sections of shoulder for travel.
NM 0089	Lake Front Pedestrian and Bicycle Improvements	1,000,000	Install 32 curb ramps to meet ADA requirements; lighting improvements at 12 crosswalks; Install pedestrian flashing beacons (RRFB's) on Market Street at 4th Avenue and Central Way crossings; Add bike boxes and/or other bike related marking improvements and signage on Lake Washington Blvd and Market Street; add buffered bike lane on 98th Avenue NE from Forbes Creek to NE 116th Street.
NM 0109 002	Lake Front Promenade Design Study	75,000	A study to examine options for creating a Lakefront promenade and includes various treatments to accommodate pedestrians, bicycles, parking and active uses along the corridor.
NM 0114	CKC Bridge Connecting to Houghton Shopping Center	175,000	The Project will create an important pedestrian/bicycle connection from the Cross Kirkland Corridor (CKC) to the Houghton Shopping Center through the property recently purchased by the City (along 106th Avenue NE adjacent to the Houghton Shopping Center). The connection includes a bridge over the wetland on the east side of the CKC and surface improvements to delineate the pedestrian/bicycle trail from the bridge to 106th Avenue NE. The Project may include a temporary easement over private property to maximize the width of the trail and retain the existing landscape buffer on the City's property.
City-wide			
ST 0088	Arterial Streetlight LED Conversion	900,000	A conversion from sodium vapor and other non-efficient lighting-bulb types to light-emitting diode (LED) light fixtures for street lights within the public right-of-way, city-wide. LED lamps can perform at the same lighting level as other types of lamps but use less energy. Saving in energy costs will pay for the capital cost of replacement in approximately 12 years.

NM 0006 201	Neighborhood Safety Program Improvements	1,200,000	The Program under City Council's Walkable Kirkland Initiative for completing a number of neighborhood projects citywide under \$50,000. Project categories include: Bicycle Facilities, Crosswalk, Intersection Improvements, Traffic Calming, Walkway/Sidewalk and Trails, and Street Lights. Program improvements are restricted to City property including streets, parks, community facilities, and the Cross Kirkland Corridor.
NM 0092	Active Transportation Plan Update	75,000	An update to the Active Transportation Plan to incorporate new neighborhoods and to specify detailed projects and guidelines for pedestrian and bicycle needs. Include a trail plan coordinated with plans in the Park Recreation and Open Space Plan. Builds from policy guidance set in Transportation Master Plan.
NM 0109	Citywide Trail Connections (Non-CKC)	275,000	Provides for the construction of trails other than the Cross Kirkland Corridor (CKC). Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, walls, lighting, pavement marking and drainage improvements. Property acquisition will often be needed. Trail connections should be coordinated with plans in the Park Recreation and Open Space Plan. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.
NM 0110	Citywide Accessibility Transition Plan	50,000	An Action Plan for improvements that increase accessibility. It includes curb ramps, accessible pedestrian signals and other walkway related projects, but the scope will expand as the city identifies more needs through completion of its Americans with Disabilities Act (ADA) compliance plan.
NM 0110 001	Citywide Accessibility Improvements	300,000	An Opportunity Fund for implementation of a wide range accessibility improvements, as developed by the Accessibility Transition Plan.
NM 0113	Citywide Greenways Networks	250,000	This project provides for the design and construction of a greenway network. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.
NM 0113 001	Citywide Greenways Network Project-NE 75th Street	500,000	This project provides for the design and construction of a greenway network in the area of NE 75th Street. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.
NM 0113 002	Citywide Greenways Network Project-128th Avenue NE	800,000	This project provides for the design and construction of a greenway network in the area of 128th Avenue NE. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.
NM 0115	CKC Emergent Projects Opportunity Fund	100,000	An Opportunity Fund for implementation of a wide range of Cross Kirkland Corridor (CKC) access improvements.

PT 0001	Citywide Transit Study	300,000	A study that builds on the foundations of the Transportation Master Plan and identifies specific service and facility projects that support transit.
PT 0001 -100	Sound Transit 3 Project Study	250,000	Sound Transit has included several projects in Kirkland in their Sound Transit 3 (ST3) process and this Project uses consultant services, including but not limited to general and specialized transit planning, civil engineering and other disciplines, as needed, to help the City: 1) understand the implications of proposed ST3 projects in Kirkland, 2) develop and analyze alternatives, and 3) advance its interests with regard to ST3.
TR 0117	Citywide Traffic Management Safety Improvements	400,000	This project is an opportunity fund for improvements that increase motor vehicle safety. It includes design and construction of new traffic signals that meet one or more warrants, modification of existing signals to incorporate flashing yellow arrows or other changes, modifications to driveways and other improvements that specifically address safety needs.
TR 0117 001	Flashing Yellow Signal Head Safety Improvements	50,000	Flashing yellow arrows are a method of controlling permissive left turns. They offer safety benefits to vehicles by reducing left turn collisions. They can also reduce delays and give more flexibility in controlling left turn treatments.
TR 0117 002	Vision Zero Safety Improvement	250,000	This project is an opportunity fund for improvements that come from Vision Zero work, an international road traffic safety project, which aims to achieve a transportation system with no fatalities or serious injuries in street traffic. The scope will be further defined as the City begins developing a Vision Zero program.
TR 0117 003	Neighborhood Traffic Control	150,000	This project is an opportunity fund for neighborhood traffic control elements such as traffic circles, speed humps, curb bulbs, lighting, radar speed signs and a variety of other improvements as identified in cooperation with the residents affected by the projects.
TR 0118	General Parking Lot Improvements	820,000	An opportunity fund for parking improvements such as added capacity, improved wayfinding, improved technology or other improvements as may be needed to improve parking.
TR 0119	Kirkland Citywide Intelligent Transportation System Study	75,000	A study to revise the current Intelligent Transportation System (ITS) plan and develops direction for the ITS program based on the principles in the Transportation Master Plan.
TR 0120	Kirkland Intelligent Transportation System Phase 3	1,350,000	A next phase of intelligent transportation (ITS) improvements. It will be defined further after completion of phases I and II and after completion of a revised ITS study.
PT 0002	Public Transit Speed and Reliability Improvements	500,000	Projects include elements that help reduce delay to bus traffic and that bus travel times to be more reliable. Such improvements can range from priority at signalized intersections to intersection widening to separate lanes for buses. These improvements should be located and designed in cooperation with transit providers. The locations and types of improvements will be identified in the City Transit Study (project number CPT 0001 000)
PT 0003	Public Transit Passenger Environment Improvements	500,000	This project designs and constructs improvements to transit stops. Improvements include items such as shelters, improved lighting and equipment that indicates when buses are scheduled to arrive. The locations and types of improvements will be identified in the City Transit Study (project number PT 0001).
TR 0125	ITS phase 4	2,620,000	This project is a placeholder for ITS projects that are not currently funded. It will be defined further after completion of a Phase 3 Project and through the completion of a new ITS Study. It will likely include advanced control methods such as adaptive control.
NM 0012-999	Crosswalk Upgrade program	4,100,000	Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands at uncontrolled crosswalks. Also improvements to increase pedestrian safety at signalized intersections.
NM 0086-003	CKC Roadway Crossings	3,370,100	Crossings of CKC at various roadways that are not funded elsewhere (i.e., NM 0086 001 and 002).

NM 8888 -100	On-street Bicycle Network	4,400,000	Add and improve existing on-street bicycle facilities. Includes restriping existing pavement to add width and/or buffers to bicycle facilities, reconstruction of curbs and provision of protected bicycle lanes. Projects will be given more specificity in revised Active Transportation Plan, but could include projects such as NM 0001 and NM 0036.
NM 9999 -100	Sidewalk completion program	6,096,800	Complete sidewalk improvements on one side of: School Walk Routes (collectors and arterials), principal arterials and in top 2 categories of 10 minute neighborhoods. May include projects such as : NM 0026, NM 0037, NM 0045, NM 0047, NM 0048, NM 0049, NM 0061, NM 0063, NM 0071, NM 0072, NM 0075, NM 0076, NM 0077, NM 0078, NM 0079, NM 0088, NM 0097, NM 0101, NM 0102, NM 0103, NM 0104 and NM 0105.
NM 0024 201	Cross Kirkland Corridor Opportunity Fund	500,000	Fund for development and/or acquisition related costs for implementation of Cross Kirkland Corridor Master Plan
NM 0106	Citywide CKC Connections	360,000	Provides for the design and construction of connections to the Cross Kirkland Corridor (CKC). They may be adjacent to the corridor or at other locations where a link is missing on a route to the corridor. Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, minor property acquisition, walls, lighting, pavement marking and drainage improvements. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

**Table CF - 6
Capital Facilities Plan: Utility Projects**

<i>Project Number</i>	<i>Project Title</i>		
	Houghton Specific		
WA 0162	LWB Watermain Replacement at Cochran Springs	260,000	Two city water mains: an 8-inch water main and and 12-inch water main will be relocated (much deeper) prior to the installation of a new concrete box culvert to convey Cochran Springs Creek across Lake Washington Boulevard (surface water project CSD 0048).
	City-wide		
WA 0115 001	Water System Telemetry Upgrade	200,000	The final phase for replacement of the remaining Rugid (brand name) telemetry system elements -- a system that currently operates over a phone line. The new system will be a frame relay Supervisory Control and Data Acquisition (SCADA) system. The new frame relay systems have been proven to be more reliable than phone line systems, providing better service.

**Table CF - 7
Capital Facilities Plan: Surface Water Utility Projects**

Houghton Specific			
SD 0093	Pleasant Bay Apartments Line Replacement	310,000	Replace, pipe burst or chemical grout, pipe section on north side of property that is rootbound. Add 12-inch polyvinyl chloride (PVC) pipe from GIS asset No. 304416 and 303609 to Lake Washington Blvd NE.
	City-wide		
SD 0096	CKC Emergent Projects Surface Water Opportunity Fund	100,000	A project in anticipation of surface water improvement needs and opportunities along the Cross Kirkland Corridor (CKC).

RESOLUTION. 2016-1

A RESOLUTION OF THE HOUGHTON COMMUNITY COUNCIL APPROVING KIRKLAND CITY COUNCIL ORDINANCE NO'S. O-4493, ADOPTING COMPREHENSIVE PLAN ELEMENT CHAPTER AMENDMENTS; O-4494, ADOPTING COMPREHENSIVE PLAN NEIGHBORHOOD CHAPTER AMENDMENTS; O-4496 ADOPTING ZONING CODE AND MUNICIPAL CODE AMENDMENTS; AND O-4497 ADOPTING ZONING AND LAND USE MAP AMENDMENTS; ENACTED BY THE KIRKLAND CITY COUNCIL ON DECEMBER 8, 2015, AND ALL ASSOCIATED WITH THE PERIODIC REVIEW AND UPDATE OF THE COMPREHENSIVE PLAN AND DEVELOPMENT REGULATIONS (CASE NO. CAM13-00465).

WHEREAS, the Houghton Community Council has received Kirkland City Council Ordinance Nos. O-4493, adopting Comprehensive Plan Element Chapter amendments; O-4494, adopting Comprehensive Plan Neighborhood Chapter amendments; O-4496, adopting Zoning Code and Municipal Code amendments; and O-4497, adopting Zoning and Land Use Map amendment; and

WHEREAS, these ordinances were enacted by the Kirkland City Council on December 8, 2015, to comply with the requirements under the Growth Management Act to periodically review and update the Comprehensive Plan and development regulations; and

WHEREAS, these ordinances are subject to the jurisdiction of the Houghton Community Council and shall become effective within the Houghton Community Municipal Corporation upon approval by the Houghton Community Council or the failure of the Community Council to disapprove these ordinances within 60 days of enactment; and

WHEREAS, these ordinances were reviewed and discussed by the Houghton Community Council at the joint public hearing with the Planning Commission on June 25, 2015; and the Houghton Community Council provided recommendations; and

WHEREAS, the approval of these ordinances will serve the interests and promote the health, safety, and welfare of the Houghton Community Municipal Corporation.

NOW, THEREFORE, be it resolved that Kirkland City Council Ordinances O-4493, O-4494, O-4496 and O-4497 are approved and shall be effective within the Houghton Community Municipal Corporation.

PASSED by majority vote of the Houghton Community Council in open meeting this 28th day of January, 2016.

SIGNED IN AUTHENTICATION thereof this _____ day of _____, 2016.

Chair, Houghton Community Council

City Clerk