



MEMORANDUM

Date: June 3, 2009

To: Planning Commission and Houghton Community Council

From: Joan Lieberman-Brill, AICP, Senior Planner

Subject: 2009 Comprehensive Plan Amendments (ZON09-00001)

RECOMMENDATION

- Review and provide direction on proposed 2009 city initiated amendments to the Kirkland Comprehensive Plan and Zoning Map.
- Approve the attached work program.

BACKGROUND

City Initiated Amendment Process

This year's annual update of the general elements and neighborhood plan chapters of the Kirkland Comprehensive Plan are intended to incorporate the newly adopted 2009 - 2014 Capital Improvement Program (CIP) into the Capital Facilities Plan (CFP), as well as a few revisions and additions that are generally considered minor or housekeeping related amendments. There are no new city initiatives or state legislation necessitating changes during this cycle. Of particular interest is the proposed Bridle View annexation, which if approved and effective prior to adoption of the 2009 Comprehensive Plan Amendments, will result in changing our corporate city limits and adding approximately 56 acres to the Bridle Trails Neighborhood. This in turn will require amendments to the Bridle View Neighborhood Plan and Zoning Map.

Attachment 1 is the list of city initiated amendments to be considered during this cycle that was presented to the Planning Commission at your February 12 meeting with several minor additions.

Work Program

Attachment 2 is the proposed work schedule for this year's 2009 CPA cycle. Adoption is anticipated to occur in the fall rather than in December, because there are so few amendments being proposed. This meeting is the only study session scheduled before the Planning Commission's public hearing set for September 10, 2009 and the Houghton Community Councils study session set for August 24.

Proposed Amendments

Many of these proposed amendments have been provided by staff from various departments within the City, based upon their expertise on the subjects being addressed.

1. Incorporation of the 2009-2014 CIP into the CFP and Transportation Element

2008 was a major CIP update year. The City adopted a new 6-year CIP plan in September 2008 for the period of 2009-2014 at the same time that the 2009-2010 budget was adopted. Major changes to the funding and timing of projects are done on a biennial basis. Because 2008 was a major update year there are both major changes to the CIP and to the 2022 Transportation Project List, which subsequently are required to be reflected in the 2009 cycle of Comprehensive Plan Amendments (CPA's).

Then, on the non-update year, only minor adjustments are made to funding and timing of projects. So in September 2009, when a new CIP is adopted for 2010-2015, only minor adjustments to funding and timing of projects are anticipated, with few if any changes to the 2022 Transportation Project List. Therefore, in the next cycle of CPA's (2010) the CFP will likely incorporate only minor changes.

Every year the Transportation and Capital Facilities Elements are amended to be consistent with any changes to the CIP. These are "must do", non-policy related, housekeeping amendments.

Changes to the following Capital Facilities Plan tables and Transportation Element are included in **Attachment 3** to reflect the 2009-2014 CIP. **Attachment 4**, which will be handed out at the Planning Commission Meeting, notes modifications to the 2022 Transportation Project List between 2007 and 2009.

Table CF-8 Capital Facilities Plan: Transportation Projects
Table CF-9 2022 Transportation Project List
Table CR-10A Capital Facilities Plan: Utility Projects
Table CR-10B Capital Facilities Plan: Surface Water Utility Projects
Table CR-11 Capital Facilities Plan: Parks Projects
Table CR-12 Capital Facilities Plan: Fire and Building Projects
Table T-5 Project Descriptions for the 2022 Transportation Project List
Figure T-6 Transportation Project List (Map)

2. New Implementation Strategy

Last year the Planning Commission requested and the City Council concurred that projects identified in adopted neighborhood plan updates should be considered during the biennial CIP or in the Neighborhood Connection and Matching Grant Programs so that they could be nominated and considered for inclusion in the CIP,

by the various departments responsible for implementation. A new procedure is proposed in the Implementation Strategies Element to ensure this step is taken.

This is how it would work: Those projects and improvements identified in neighborhood plans would be listed in Table IS-1 on page XIV-8 in the Implementation Strategies Element of the Comprehensive Plan. This list would be transmitted to the various appropriate City departments so that each project could be considered during the biennial CIP nomination process and for Neighborhood Connection and Grant Program nominations. As these projects and improvements are implemented or funded, they would be taken off the list in the Implementation Strategies Element, signifying their completion (**Attachment 5**). This procedure would ensure that the loop is completed – from plan to implementation. Attachments **6** identifies and locates the projects by neighborhood.

3. Status of the Houghton Transfer Station

The King County Solid Waste Division owns and operates the Houghton Transfer Station. This waste is transferred to the Cedar Hills Landfill. King County developed a Solid Waste and Transfer Plan in 2006 to address level of service criteria and transfer station capacity, and their effects upon the surrounding community. Based on this evaluation, this plan recommends the closure of the Houghton Transfer Station pending siting and construction of two new planned stations which are expected to be completed in about 2016.

In the meantime, a 2005 Memo of Understanding is in effect. It intends to mitigate some of the negative effects the station was having on the surrounding neighborhood. These are to be implemented or constructed by King County.

Attachment 7 is the proposed text replacing the current out dated text in the Solid Waste Transfer section of the "Public Services Element" on page XII.A-2. This amendment brings our Plan into consistency with the current strategy for mitigating impacts.

4. Forbes Lake Park expansion

In October 2008 the City Council ratified purchase of the 1.49 acre Razumovich property at Forbes Lake to add to the Forbes Lake Park system. This requires a land use redesignation from Medium Density to Park Open Space and a rezone from Planned Area 17, which allows 12 dwelling units per acre on a minimum of two acres, to P, Public Use zone. Revisions to the North Rose Hill Neighborhood Plan land use map and Figure PR-1: Kirkland Parks are required also (**Attachments 8, 9 and 10**). These changes are required for consistency with current conditions.

5. North Rose Hill Street Connection list update

Several of the proposed street connections identified in **Attachment 11**, Table NRH-1: North Rose Hill Street Connection Plan Description, need to be revised in

order to reflect conditions on the ground. Connection number 3 should be changed to address the fact that part of the connection is complete. **Attachment 12** shows the portion of NE 105th Street between 129th and 128th Avenues that is complete.

Connection number 7 should be deleted entirely because it is no longer feasible due to development patterns and the presence of a wetland. It would require a minimum 40 ft. wide dedication from one developable lot. If the 40 ft. dedication is required as a condition of development, the lot would no longer be developable, i.e., the loss of property area for road dedication makes the lot undevelopable (**Attachment 13**).

6. Proposed Bridle View Annexation

The city is currently processing the Bridle View annexation. Located in unincorporated King County, it includes the Bridle View subdivision and the city owned 4 acre Snyder's Corner Park. It is within the City of Kirkland Potential Annexation Area. The Bridle View subdivision is about 52 acres with a population at build out of approximately 135 people. The current and proposed zoning for the park and the subdivision is 1 dwelling unit per acre, which is comparable to an RSX 35 zoning classification.

The proponents are seeking annexation to Kirkland because of the common characteristics the annexation area shares with the Bridle Trails Neighborhood lying immediately to the west. Both areas are characterized by large lots, many of which contain horses. In Kirkland, equestrian zoning protects the equestrian character by requiring a minimum lot size of 35,000 sq. ft. and permeable areas of at least 10,000 square feet to ensure the potential for future equestrian use. This protection is not accommodated in Redmond or King County.

The annexation request is currently being reviewed by the King County Boundary Review Board. If the City Council sets the annexation effective date before approval of the 2009 CPA's, the Bridle trails Neighborhood Plan text and land use map, and the zoning map will require updating in this cycle of CPA's (**Attachments 14, 15, 16 and 17**). We will wait to update the other functional maps in the Plan to incorporate this area, until the next cycle of CPA's in 2010.

Included in the proposed amendments to the Park/Open Space section, is text describing the agreement with the Lake Washington School District for the public to use the recreation amenities at Ben Franklin Elementary School. These amenities are maintained by the City.

7. Totem Lake Urban Center Designation

The Growth Management Planning Council adopted amendments to the Countywide Planning Policies designating Totem Lake as an Urban Center on May 20, 2003. The most recent update of the Totem Lake Neighborhood Plan occurred in 2002, prior to

that designation taking effect. Prior to May, 2003 this was one of two areas identified in the Comprehensive Plan as an activity center. The Urban center boundaries follow TAZ boundaries which do not always align with the neighborhood boundaries (so some of NRHBD is within these areas). The difference between an activity area and an urban center is based on a hierarchy of development intensity, capacity, and transit mobility. The proposed amendments to the Totem Lake Neighborhood Plan text and addition of a map bring the Plan into compliance with the Countywide Planning Policies (**Attachments 18, 19, 20 and 21**).

8. Functional Element Map Amendments

Each year the functional element maps in the Comprehensive Plan are updated to reflect changes tracked by the City's GIS Department. These are non policy related, housekeeping amendments. The following is a list of functional maps that reflect changes since the 2007-2008 update of the Plan.

Transportation

Figure T-1 Street Classification and State Routes (Attachment 22)

Figure T-2 Bicycle System – Existing and Proposed (Attachment 23)

Figure T-3 Pedestrian Corridor System – Existing and Proposed (Attachment 24)

Figure T-4 Transit Service (Attachment 25)

Figure T-7 Signalized Intersections (Attachment 26)

Utilities

Figure U-1 Water System (Attachment 27)

Figure U-2 Sanitary Sewer System (Attachment 28)

Figure U-2 Surface Water Management System (Attachment 29)

Figure U-2 Northshore Water System (Attachment 30)

Figure U-2 Northshore Sewer System (Attachment 31)

Figure U-2 Existing and Planned /Desired Fiber Optic Network (Attachment 32)

Public Services

PS-1 Fire Response Times within 5.5 minutes (Attachment 33)

PS-2 Emergency Medical Services Response Times within 5 minutes (Attachment 34)

Introduction

Figure I-2 Potential Annexation Areas (Attachment 35)

Land Use

Figure LU-1 City wide Land Use (Attachment 36)

Attachments

1. 2009 Amendment List
2. 2009 City Initiated CPA Work Program
3. CIP Related Amendments - Table CF-8 Capital Facilities Plan: Transportation Projects amendments
CIP Related Amendments - Table CF-9 2022 Transportation Project List
CIP Related Amendments - Table CR-10A Capital Facilities Plan: Utility Projects
CIP Related Amendments - Table CR-10B Capital Facilities Plan: Surface Water Utility Project
CIP Related Amendments - Table CR-11 Capital Facilities Plan: Parks Projects
CIP Related Amendments - Table CR-12 Capital Facilities Plan: Fire and Building Projects
CIP Related Amendments - Table T-5 Project Descriptions for the 2022 Transportation Project List
CIP Related Amendments – Figure T-6 Transportation Project List (Map)
4. Modification to the 2022 Transportation Project List between 2007 and 2009 will be passed out at the Planning Commission meeting
5. Implementation Strategies Element amendments
6. Projects and Improvements Identified in Neighborhood Plans (maps)
7. Public Services Element amendment
8. North Rose Hill Neighborhood Plan land use map amendment
9. Figure PR-1: Kirkland Parks (map) amendment
10. Park Zoning
11. Table NRH-1: North Rose Hill Street Connection Plan Description amendment
12. North Rose Hill Street Connection #3 map
13. North Rose Hill Street Connection #7 map
14. Bridle Trails Neighborhood Plan Park Open Space text amendment
15. Bridle Trails Neighborhood Plan Living Environment text amendment
16. Bridle Trails Neighborhood Plan land use map amendment
17. Bridle View Annexation zoning map amendment
18. Totem Lake Neighborhood Plan Economic Development text amendment
19. Totem Lake Neighborhood Plan Totem Center text amendment
20. Totem Lake Neighborhood Plan Transportation text amendment
21. Totem Lake Neighborhood Plan Urban Center map amendment
22. Figure T-1 Street Classification and State Routes
23. Figure T-2 Bicycle System – Existing and Proposed
24. Figure T-3 Pedestrian Corridor System – Existing and Proposed
25. Figure T-4 Transit Service
26. Figure T-7 Signalized Intersections
27. Figure U-1 Water System
28. Figure U-2 Sanitary Sewer System
29. Figure U-2 Surface Water Management System
30. Figure U-2 Northshore Water System
31. Figure U-2 Northshore Sewer System
32. Figure U-3 Fiber Optic Network (*will be available prior to the public hearings*)

- 33. Figure PS-1 Fire Response Times within 5.5 minutes
- 34. Figure PS-2 Emergency Medical Services Response Times within 5 minutes
- 35. Figure I-2 Potential Annexation Areas
- 36. Figure LU-1 City Wide Land Use Map

Cc: File ZON09-00001
Kirkland Neighborhood Associations
Kirkland Alliance of Neighborhoods
Kirkland Chamber of Commerce



CITY OF KIRKLAND
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MEMORANDUM

Date: May 3, 2009

To: Planning Commission

From: Joan Lieberman-Brill, AICP, Senior Planner

Subject: List of Potential 2009 City Initiated Comprehensive Plan Amendments (ZON09-00001)

The following are the proposed City Initiated amendments for the 2009 cycle of Kirkland Comprehensive Plan amendments: Those highlighted in blue have been added since your February 12 meeting.

1. Update the Capital Facilities and Transportation Elements to incorporate the 2009-2014 Capital Facilities Plan.
2. Add a list of projects and improvements to implement adopted neighborhood plans to the Implementation Strategies Element
3. Include status and plans for the closure of the Houghton Transfer Station
4. Change the land use and zoning maps from Residential to Park/Open Space to implement purchase of the 1.49 acre Razumovish property at Forbes Lake for park use.
5. Revise Table NRH -1: North Rose Hill Street Connection Plan Description, to address policy revisions proposed by Public Works.
6. Subject to annexation approval, change the land use and zoning maps for Snyder's Corner from Residential to Park/Open Space and from RSX 35 to P, respectively, to implement the Bridle View annexation. Revise the Bridle Trails Neighborhood Plan text to reflect this annexation.
7. [Revise Policy TL-1.4 and add a map to address designation of the Totem Lake Urban Center \(added since the February memo\)](#)
8. [Update of Functional Element Maps](#)

The following list of proposed city initiated revisions is being held until the major seven year GMA Update in 2011:

1. Review Vision 2040, and revised Countywide Planning Policies for inclusion into our Plan
2. Revise all functional maps and neighborhood maps to bring them into consistency with one another (i.e. standardize naming conventions, include land within 300 feet of a neighborhood to show connectivity to adjacent neighborhoods, standardize urban design legend, etc.).
3. Provide a new public lands map including parks, schools hospital districts, watersheds, fire stations, and other public facilities and services, to better illustrate interrelationships between non-motorized connections, streets, and where deficits exist for various LOS's, for example.

**Draft Work Program
2009 City Initiated Comprehensive Plan Amendment**

February 12	Review list of potential city initiated amendments with PC.
June 11	PC study draft amendments
June 22	HCC study draft amendments
July	SEPA
July 8	Park Board study (if needed)
August 21	CTED 60 day review notice
August 24	HCC courtesy hearing proposed amendments and recommendation
Sept 10	PC public hearing proposed amendments and recommendation
October 6	CC adoption of ordinance
October 26	HCC final action on ordinance

CC- City Council
PC- Planning Commission
HCC- Houghton Community Council

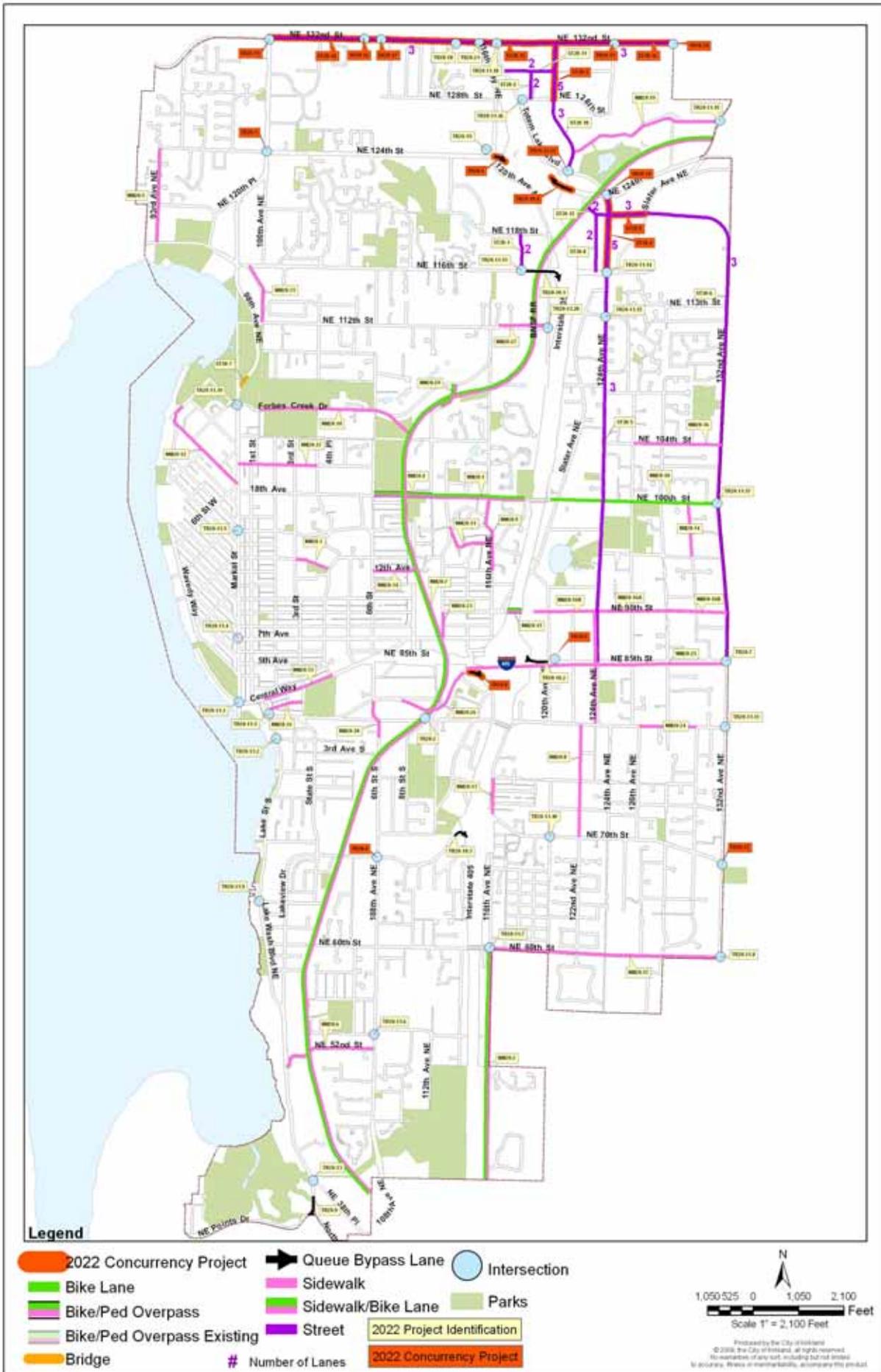


Figure T-6: Transportation Project List

Table CF - 8
Capital Facilities Plan: Transportation Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
Local	Surface Water Fees	963,600	149,850	455,830	1,486,950	1,055,700	1,129,600	5,241,530
Local	Real Estate Excise Tax	1,907,500	2,382,000	2,226,000	2,366,000	2,583,800	2,733,100	14,198,400
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Local	Gas Tax	534,000	545,000	549,000	554,000	558,000	561,000	3,301,000
Local	Impact Fees	1,234,000	1,223,000	961,040	3,613,950	3,544,000	3,933,800	14,509,790
Local	Reserves	631,100	72,150		722,400			1,425,650
External	Sound Transit	60,000						60,000
External	Grants	710,000		616,030	1,914,300	1,669,800	1,853,500	6,763,630
<i>Total Sources</i>		6,310,200	4,642,000	5,077,900	10,927,600	9,681,300	10,481,000	47,120,000

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
ST 0006	Annual Street Preservation Program	2,000,000	2,000,000	2,500,000	2,000,000	2,000,000	2,000,000	12,500,000
ST 0057*	NE 120th Street Roadway Extension (east section)	1,232,000		1,232,100	2,530,100			4,994,200
ST 0059*	124th Ave NE Roadway Improvements (north section)	224,000						224,000
ST 0080	Annual Striping Program	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000
ST 8888	Annual Concurrency Street Improvements				2,272,000	2,522,000	2,799,400	7,593,400
ST 9999	Regional Inter-Agency Coordination	25,000	25,000	25,000	25,000	25,000	25,000	150,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000
NM 0034*	NE 100th St at Spinney Homestead Park Sidewalk	56,000						56,000
NM 0044*	116th Avenue NE Sidewalk (Highlands)	568,000	333,000					901,000
NM 0051*	Rose Hill Business District Sidewalks	310,000	500,000					810,000
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
NM 0060*	100th Ave NE/99 th Place NE Sidewalk	494,000						494,000
NM 0065	Central Way Ped Enhancements (Phase II-southside)					151,800	374,100	525,900
NM 0066*	12th Avenue Sidewalk		111,000	308,000	205,100			624,100
NM 8888	Annual Non-Motorized Program				1,100,000	1,100,000	1,100,000	3,300,000
TR 0078*	NE 85th St/132nd Ave NE Intersection Improv. (Phase I)	22,500	475,000					497,500
TR 0079*	NE 85th Street/114th Avenue NE Intersection Improv.	28,700	604,000					632,700
TR 0080*	NE 85th Street/124th Avenue NE Intersection Improv.	158,000	144,000					302,000
TR 0085*	NE 68th St/108th Ave NE Intersection Improvements	672,000						672,000
TR 0091*	NE 124th St/124th Ave NE Intersection (Phase III)			492,800	547,000	1,366,200	1,516,600	3,922,600
TR 8888*	Annual Concurrency Traffic Improvements				1,798,400	1,996,300	2,215,900	6,010,600
<i>Total Funded Transportation Projects</i>		6,310,200	4,642,000	5,077,900	10,927,600	9,681,300	10,481,000	47,120,000

SURPLUS (DEFICIT) of Resources

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*These projects provide new capacity towards levels of service.

Table CF - 10A
Capital Facilities Plan: Utility Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
Local	Water and Sanitary Sewer Utility Rates	2,615,500	1,152,300	50,000	3,625,600	5,385,700	8,796,300	21,625,400
Local	Reserves	1,400,000		1,400,000		1,400,000		4,200,000
External	Public Works Trust Fund Loan							-
Local	Debt					3,150,000		3,150,000
External	Joint Facility Agreements Redmond/Bellevue	685,000	522,000					1,207,000
<i>Total Sources</i>		4,700,500	1,674,300	1,450,000	3,625,600	9,935,700	8,796,300	30,182,400

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm	50,000		50,000		50,000		150,000
WA 0093	Vulnerability Analysis Facility Upgrades	297,900						297,900
WA 0094	North Reservoir Seismic Upgrades & Recoating	1,450,000	1,109,000					2,559,000
WA 0116*	132nd Av NE/NE 80th St Watermain Replacement				328,600	3,503,400		3,832,000
WA 0117	20th Avenue Watermain Replacement	200,000	335,100					535,100
WA 0141*	9th Avenue Watermain Replacement	200,000	230,200					430,200
WA 0142*	Third Street Watermain Upgrade	100,000						100,000
WA 8888	Annual Watermain Replacement Program						457,600	457,600
WA 9999	Annual Water Pump Station/System Upgrade Pgm						823,600	823,600
SS 0046*	Market Street Sewermain Replacement	652,600						652,600
SS 0056*	Emergency Sewer Construction Program	1,400,000		1,400,000		1,400,000		4,200,000
SS 0067	NE 80th Street Sewermain Replacement (Phase II)				1,230,200	1,992,900	4,515,300	7,738,400
SS 0074	Sewer System Telemetry Upgrades	150,000						150,000
SS 0075	Inflow And Infiltration Reduction Program	200,000						200,000
SS 0076	NE 80th Street Sewermain Replacement (Phase III)				1,230,200	1,992,900	1,654,600	4,877,700
SS 8888	Annual Sanitary Pipeline Replacement Program				492,100			492,100
SS 9999*	Annual Sanitary Pump Station/System Upgrade Pgm				344,500	996,500	1,345,200	2,686,200
<i>Total Funded Utility Projects</i>		4,700,500	1,674,300	1,450,000	3,625,600	9,935,700	8,796,300	30,182,400

<i>SURPLUS (DEFICIT) of Resources</i>	-	-	-	-	-	-	-	-
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Table CF - 10B
Capital Facilities Plan: Surface Water Utility Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
Local	Surface Water Utility Rates	345,800	200,000	200,000	1,512,200	2,330,900	1,588,000	6,176,900
<i>Total Sources</i>		345,800	200,000	200,000	1,512,200	2,330,900	1,588,000	6,176,900

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</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 0051	Forbes Creek/KC Metro Access Road Culvert Enh.					733,700		733,700
SD 0053	Forbes Creek/Coors Pond Channel Grade Controls				101,000	570,700	184,200	855,900
SD 0058	Surface Water Sediment Pond Reclamation Phase II				115,400	603,200	114,200	832,800
SD 0065	Cochran Springs/Plaza at Yarrow Pt Flood Control	145,800						145,800
SD 0067	NE 129th Place/Juanita Creek Rockery Repair				115,500	223,300		338,800
SD 8888	Annual Streambank Stabilization Program				57,700		165,800	223,500
SD 9999*	Annual Storm Drain Replacement Program				922,600		923,800	1,846,400
<i>Total Funded Surface Water Utility Projects</i>		345,800	200,000	200,000	1,512,200	2,330,900	1,588,000	6,176,900

<i>SURPLUS (DEFICIT) of Resources</i>	-	-	-	-	-	-	-	-
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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>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
Local	Real Estate Excise Tax	1,350,000	1,102,500	1,157,600	1,215,500	1,276,300	1,321,000	7,422,900
Local	Park Impact Fees							-
Local	Reserves	100,000						100,000
Local	King County Property Tax Levy	118,000	118,000	118,000	118,000	118,000	118,000	708,000
External	Grant	450,000						450,000
<i>Total Sources</i>		<i>2,018,000</i>	<i>1,220,500</i>	<i>1,275,600</i>	<i>1,333,500</i>	<i>1,394,300</i>	<i>1,439,000</i>	<i>8,680,900</i>

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
PK 0049*	Open Space and Pk Land Acq Grant Match Program	100,000						100,000
PK 0056*	Forbes Lake Park Development		877,500					877,500
PK 0066	Park Play Area Enhancements	100,000	100,000	50,000	100,000	100,000	50,000	500,000
PK 0078 600	A.G. Bell Elementary Playfields Improvements					200,000		200,000
PK 0078 800	International Comm. School Playfield Improvements				300,000			300,000
PK 0087	Waverly Beach Park Renovation		75,000	957,600				1,032,600
PK 0113	Spinney Homestead Park Renovation			50,000	690,500			740,500
PK 0115	Terrace Park Renovation					76,300	323,700	400,000
PK 0119	Juanita Beach Park Development	1,650,000				850,000	472,300	2,972,300
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		425,000	500,000
PK 0125	Dock Renovations			50,000				50,000
PK 0131*	Park and Open Space Acquisition Program	118,000	118,000	118,000	118,000	118,000	118,000	708,000
<i>Total Funded Parks Projects</i>		<i>2,018,000</i>	<i>1,220,500</i>	<i>1,275,600</i>	<i>1,333,500</i>	<i>1,394,300</i>	<i>1,439,000</i>	<i>8,680,900</i>

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

Table CF-13
Capital Facilities Plan: Fire and Building Department Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
Local	Interest Income	206,900	117,730	228,480	225,920	46,690	242,130	1,067,850
Local	Reserves							-
Local	Prior Year Project Savings	181,300						181,300
External	Fire District #41	59,100	41,370	43,520	34,580	16,410	85,070	280,050
<i>Total Sources</i>		447,300	159,100	272,000	260,500	63,100	327,200	1,529,200

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>2012</i>	<i>2013</i>	<i>2014</i>	<i>Six-Year Total</i>
PS 0061	Mobile Data Computers Replacement	227,300						227,300
PS 0062	Defibrillator Unit Replacement			272,000				272,000
PS 0063	Breathing Air Fill Station Replacement		159,100					159,100
PS 0066	Thermal Imaging Cameras Replacement				133,000			133,000
PS 0067	Dive Rescue Equipment Replacement					63,100		63,100
PS 0068	Local Emergency/Public Communication AM Radio				127,500			127,500
PS 0070	Permanent Information Displays	220,000						220,000
PS 0071	Self Contained Breathing Apparatus (SCBA)						327,200	327,200
<i>Total Funded Fire and Building Projects</i>		447,300	159,100	272,000	260,500	63,100	327,200	1,529,200

<i>SURPLUS (DEFICIT) of Resources</i>	-	-	-	-	-	-	-	-
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XIII. CAPITAL FACILITIES

TABLE CF-9
2022 Transportation Project List

Comp Plan ID Number	Project Description	Total Cost ⁽¹⁾	CIP Project Number	Funded in 6-yr CIP	Source Doc. ⁽²⁾	Comp Plan Goal	2022 Concurrency Project
Non-Motorized							
NM 20-1	Spinney Homestead/NE 100th Sidewalk, 111th Ave. NE to I-405	\$ 0.3	NM 0034	✓	C, NM	T-2	
NM 20-2	116th Ave. NE Non-Motor Facilities (south), NE 60th St. to S. City Limits	\$ 4.5	NM 0001	✓	C, NM	T-2	
NM 20-3	13th Ave. Sidewalk (Phase II)	\$ 0.4	NM 0054	✓	C, NM	T-2	
NM 20-4	Crestwoods Park/BNSFR Ped/Bike facility	\$ 2.5	NM 0031		C, NM	T-2	
NM 20-5	93 Ave. NE Sidewalk, Juanita Dr. to NE 124th St.	\$ 0.6	NM 0032		C, NM	T-2	
NM 20-6	NE 52nd St. Sidewalk	\$ 1.1	NM 0007		C, NM	T-2	
NM 20-7	Cross Kirkland Trail	\$ 6.1	NM 0024		C, NM	T-2, T-8	
NM 20-8	122nd Ave NE sidewalk	\$ 2.7	NM 0055	✓	C, NM	T-2	
NM 20-9	116th Ave NE Sidewalk (Highlands)	\$ 1.0	NM 0044	✓	C, NM	T-2	
NM 20-10	NE 100th St. Bike lane, Slater Ave NE to 132nd Ave. NE	\$ 1.6	NM 0036		C, NM	T-2	
NM 20-11	NE 95th St Sidewalk (Highlands)	\$ 0.7	NM 0045		C, NM	T-2	
NM 20-12	18th Ave West Sidewalk	\$ 2.3	NM 0046		C, NM	T-2	
NM 20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.4	NM 0047		C, NM	T-2	
NM 20-14	130th Ave. NE Sidewalk	\$ 0.8	NM 0037		C, NM	T-2	
NM 20-15	NE 90th St. Bicycle/Pedestrian Overpass Across I-405	\$ 3.7	NM 0030		C, NM	T-2	
NM 20-16A	NE 90th St. Sidewalk (Phase I), 124th Ave. NE to 128th Ave. NE	\$ 1.2	NM 0056		C, NM	T-2	
NM 20-16B	NE 90th St. Sidewalk (Phase II), 120th Ave NE. to 124th Ave NE & 128th Ave NE to 132nd Ave NE	\$ 2.6	NM 0026		C, NM	T-2	
NM 20-17	NE 60th St Sidewalk	\$ 5.0	NM 0048		C, NM	T-2	
NM 20-18	Forbes Valley Pedestrian Facility	\$ 2.0	NM 0041		C, NM	T-2	
NM 20-19	NE 126th St Non-motorized facilities	\$ 4.3	NM 0043		C, TL	T-2	
NM 20-20	Crosswalk Upgrades (various locations)	\$ 0.2	NM 0012	✓	C, NM	T-2	
NM 20-21	Annual Pedestrian Improvements (various locations)	\$ 32.3	various		NM	T-2	
NM 20-22	Annual Bicycle Improvements (various locations)	\$ 2.3	various		NM	T-2	
NM 20-23	112th Ave NE Sidewalk	\$ 0.5	NM 0049	✓	C, NM	T-2	
NM 20-24	NE 80th St Sidewalk	\$ 0.9	NM 0050		C, NM	T-2	
NM 20-25	Rose Hill Business District Sidewalks	\$ 4.3	NM 0051	✓	C, NM	T-2	
NM 20-26	Kirkland Way Sidewalk	\$ 1.4	NM 0063		C, NM	T-2	
NM 20-27	NE 112th Street Sidewalk	\$ 0.6	NM 0053		C, NM	T-2	
NM 20-28	Annual Sidewalk Maintenance Program	\$ 1.2	NM 0057	✓	C, NM	T-2	
NM 20-29	111th Ave non-motorized/emergency access connection	\$ 1.5	NM 0058		Highlands	T-2	
NM 20-30	6th Street Sidewalk	\$ 0.4	NM 0059	✓	C	T-2	
NM 20-31	100th Ave NE/NE 99th Place sidewalk	\$ 0.7	NM 0060	✓	C	T-2	
NM 20-32	Park Place Pedestrian Corridor enhancements	\$ 2.0	NM 0064	✓	C	T-2	
NM 20-33	Central Way Pedestrian enhancements (Phase II)	\$ 0.5	NM 0065	✓	C	T-2	
NM 20-34	12th Avenue Sidewalk	\$ 0.6	NM 0066		C	T-2	
NM 20-35	Annual Non-motorized program	\$ 1.1	NM 8888		C	T-2	
NM 20-36	NE 104th Street Sidewalk	\$ 1.8	NM 0061		C	T-2	
NM 20-37	19th Avenue Sidewalk	\$ 0.8	NM 0062		C	T-2	
SUBTOTAL (NON-MOTORIZED)		\$96.9					
Street							
ST 20-1	118th Ave. NE Road Extension, NE 116th to NE 118th St. (2 In)	\$ 6.4	ST 0060		C, TL	T-4	
ST 20-2	119th Ave. NE Road Extension, NE 128th St. to NE 130th St. (2 In)	\$ 5.6	ST 0061		C, TL	T-4	
ST 20-3	120th Ave. NE Road Improvement, NE 128th St. to NE 132 St. (5 In)	\$ 10.0	ST 0063	✓	C	T-1, T-4	✓
ST 20-4	124th Ave. NE Road Improvement, NE 116th St. to NE 124th St. (5 In)	\$ 6.0	ST 0059	✓	C	T-1, T-4	✓
ST 20-5	124th Ave. NE Road Improvement, NE 85th St. to NE 116th St. (3 In)	\$ 30.3	ST 0064		C	T-4	
ST 20-6	132nd Ave. NE Road Improvement, NE 85th St. to Slater Ave. NE (3 In)	\$ 25.2	ST 0056		C	T-4	
ST 20-7	98th Ave. NE Bridge Replacement at Forbes Creek (2 In)	\$ 9.7	ST 0085		C	T-4	
ST 20-8	120th Ave NE Road Extension, NE 116th St north to BNSFR XING (2 In)	\$ 16.4	ST 0073		TL	T-4	
ST 20-9	NE 120th St. Road Extension (east), Slater Ave. NE to 124th Ave. NE (3 In)	\$ 6.4	ST 0057	✓	C	T-1, T-4	✓
ST 20-10	120th Ave. NE, Totem Lake Blvd. to NE 128th St. (3 In)	\$ 3.3	ST 0070		TL	T-4	
ST 20-11	NE 130th St. Road Extension, Totem Lake Blvd. to 120th Ave. NE (2 In)	\$ 10.0	ST 0062		C	T-4	
ST 20-12	NE 120th St. Road extension (west), 124th Ave NE to BNSFR XING (2 In)	\$ 5.9	ST 0072		TL	T-4	
ST 20-13	Annual Street Preservation Program (various locations)	\$ 39.0	ST 0006	✓	C	T-4	
ST 20-14	NE 132nd Street Improvements - Phase I (100th Ave to WSDOT interchange)	\$ 1.3	ST 0077		C, 132	T-4	
ST 20-15	NE 132nd Street Improvements - Phase II (WSDOT interchange to 124th Ave)	\$ 0.3	ST 0078		C, 132	T-4	
ST 20-16	NE 132nd Street Improvements - Phase III (124th Ave NE to 132nd Ave NE)	\$ 1.1	ST 0079		C, 132	T-4	

(1) '09 COSTS; funded projects are indexed for inflation (2) C-CIP, NM-Non-Cap list, TL = Totem Lake, P20-20 year list, 132-NE 132nd St Masterplan (2008)

XIII. CAPITAL FACILITIES

TABLE CF-9
2022 Transportation Project List

Comp Plan ID Number	Project Description	Total Cost ⁽¹⁾	CIP Project Number	Funded in 6-yr CIP	Source Doc. ⁽²⁾	Comp Plan Goal	2022 Concurrency Project
SUBTOTAL (STREETS)		\$ 176.9					
Traffic/Intersection							
TR 20-1	100th Ave NE/NE 124th St Intersection Improvements	\$ 2.2	TR 0084		C	T-4	✓
TR 20-2	Kirkland Way/BNSFRR Abutment/Intersection Improvements	\$ 6.9	TR 0067		C, NM	T-4, T-2	
TR 20-3	6th Street/Kirkland Way Traffic Signal	\$ 0.7	TR 0065		C	T-4	
TR 20-4	NE 68th St/108th Ave NE Intersection Improvements	\$ 1.4	TR 0085	✓	C	T-4	✓
TR 20-5	NE 124th St./I-405 queue Bypass @ I-405, EB to SB	\$ 1.7	TR 0057		C	T-1, T-4, T-5	✓
TR 20-6	NE 85th St/120th Ave NE Intersection Improvements	\$ 1.8	TR 0088	✓	C	BKR, T-1, T-4	✓
TR 20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$ 1.8	TR 0089		C	BKR, T-1, T-4	
TR 20-8	NE 85th St. HOV/I-405 queue Bypass @ I-405, EB to SB	\$ 0.8	TR 0056		C	T-1, T-4, T-5	✓
TR 20-9	Lk. Wash Blvd. /Northup Way queue by-pass southbound to westbound	\$ 6.6	TR 0068		C	T-4	
TR 20-10.1	NE 116th St./ I-405 queue by-pass EB to SB	\$ 7.3	TR 0072		C	T-1, T-4, T-5	
TR 20-10.2	NE 85th St./ I-405 queue by-pass WB to NB	\$ 1.8	TR 0074		C	T-1, T-4, T-5	
TR 20-10.3	NE 70th St./ I-405 queue by-pass EB to SB	\$ 1.7	TR 0073		C	T-1, T-4, T-5	
TR 20-10.4	NE 124th St. / I-405 queue bypass WB to NB	\$ 1.3	TR 0075		C	T-1, T-4, T-5	✓
TR 20-11.1	Kirkland Avenue/Lake Street. S	\$ 0.6			P20	T-4	
TR 20-11.2	Lake Street S./2nd Avenue S	\$ 0.6			P20	T-4	
TR 20-11.3	Market Street/Central Way	\$ 0.6			P20	T-4	
TR 20-11.4	Market Street/7th Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.5	Market Street/15th Avenue	\$ 0.6			P20	T-4	
TR 20-11.6	NE 53rd Street/108th Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.7	NE 60th Street/116th Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.8	NE 60th Street/132nd Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.9	NE 64th Street/Lake Washington Blvd.	\$ 0.6			P20	T-4	
TR 20-11.10	NE 70th Street/120th Avenue or 122nd Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.11	NE 80th Street/132nd Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.12	NE 112th Street/124th Avenue NE	\$ 0.6			P20	T-4	
TR 20-11.13	NE 116th Street/118th Street NE	\$ 0.6			P20	T-4	
TR20-11.14	NE 116th Street/124th Avenue NE northbound dual left-turns	\$ 1.7	TR 0092		C	BKR	
TR 20-11.15	NE 126th Street/132nd Place NE	\$ 0.6			P20	T-4	
TR 20-11.16	NE 128th Street/ Totem Lake Boulevard	\$ 0.6			P20	T-4	
TR 20-11.17	NE 100th Street/132nd Ave NE	\$ 0.4			P20	T-4	
TR 20-11.18	NE 132nd Street/Totem Lake Boulevard	\$ 0.4			P20	T-4	
TR 20-11.19	Market Street and Forbes Creek Drive	\$ 0.4			P20	T-4	
TR 20-11.20	NE 112th Street/120th Ave NE	\$ 0.6			P20	T-4	
TR 20-11.21	Totem Lake Boulevard/120th Ave NE	\$ 2.6	TR0099		P20	T-4	✓
TR 20-12	NE 70th St/132nd Ave NE Intersection Improvements	\$ 2.2	TR 0086	✓	C	BKR, T-1, T-4	✓
TR 20-13	Lake Washington Blvd/NE 38th PL Intersection Improvements	\$ 3.1	TR 0090		C	BKR, T-1, T-4	
TR 20-14	NE 124th Street/124th Ave NE Intersection Improvements (Phase II)	\$ 4.2	TR 0091	✓	C	BKR	✓
TR 20-15	NE 132nd St/100th Ave NE Intersection Improvements	\$ 3.0	TR 0083	✓	C	BKR, T-1, T-4	✓
TR 20-16	NE 132nd St/Juanita H.S. Access Improvements	\$ 0.9	TR 0093		C, 132	T-4	✓
TR 20-17	NE 132nd St/108th Ave NE Intersection Improvements	\$ 0.6	TR 0094		C, 132	T-4	✓
TR 20-18	NE 132nd St/Fire Station #27 Access Improvements	\$ 0.4	TR 0095		C, 132	T-4	
TR 20-19	NE 132nd St/124th Ave NE Intersection Improvements	\$ 5.7	TR 0096		C, 132	T-4	✓
TR 20-20	NE 132nd St/132nd Ave NE Intersection Improvements	\$ 0.9	TR 0097		C, 132	T-4	✓
TR 20-21	NE 132nd St/116th Way NE Intersection Improvements	\$ 0.3	TR 0098		C, 132	T-4	
SUBTOTAL (TRAFFIC/INTERSECTIONS)		\$ 72.4					
2022 TRANSPORTATION PROJECT LIST TOTAL →		\$ 346.2					

(1) '09 COSTS; funded projects are indexed for inflation (2) C-CIP, NM=Non-Cap list, TL = Totem Lake, P20=20 year list, 132=NE 132nd St Masterplan (2008)

XIII. CAPITAL FACILITIES

TABLE CF-10
2022 Transportation Project List

Comp Plan ID Number	Project Description	Remaining Cost ⁽¹⁾	CIP Project Number	Funded in 6-yr CIP	Source Doc. ⁽²⁾	Comp Plan Goal	2022 Concurrency Project
ST 20-3	120th Ave. NE Road Improvement, NE 128th St. to NE 132 St. (5 ln)	\$ 8.8	ST 0063	✓	C	T-1, T-4	✓
ST 20-4	124th Ave. NE Road Improvement, NE 116th St. to NE 124th St. (5 ln)	\$ 4.3	ST 0059	✓	C	T-1, T-4	✓
ST 20-9	NE 120th St. Road Extension (east), Slater Ave. NE to 124th Ave. NE (3 ln)	\$ 5.8	ST 0057	✓	C, E	T-1, T-4	✓
TR 20-4	NE 68th St/108th Ave NE Intersection Improvements	\$ 0.8	TR 0085	✓	II	T-4	✓
TR 20-5	NE 124th St./I-405 queue By-pass @ I-405, EB to SB	\$ 1.7	TR 0057	✓	C	T-1, T-4, T-5	✓
TR 20-6	NE 85th St/120th Ave NE Intersction Improvements	\$ 1.8	TR 0088	✓	C	BKR, T-1, T-4	✓
TR 20-8	NE 85th St. HOV/I-405 queue By-pass @ I-405, EB to SB	\$ 0.8	TR 0056	✓	C	T-1, T-4, T-5	✓
TR 20-14	NE 124th Street/124th Ave NE Intersection Improvements (Phase II)	\$ 4.2	TR 0091	✓	C	T-1, T-4, T-6	✓
TR 20-15	NE 132nd St/100th Ave NE Intersection Improvements	\$ 3.0	TR 0083	✓	C	BKR, T-1, T-4	✓
TR 20-16	100th Ave NE/NE 124th St Intersection Improvements	\$ 2.2	TR 0084	✓	C	T-4	✓
TR 20-18	NE 70th St/132nd Ave NE Intersection Improvements	\$ 2.2	TR 0086	✓	C	BKR, T-1, T-4	✓
TR 20-10.4	NE 124th St. / I-405 queue by-pass WB to NB	\$ 1.3	TR 0075	✓	C	T-1, T-4, T-5	✓
TR 20-16	NE 132nd St/Juanita H.S. Access Improvements	\$ 0.9	TR 0093	✓	C, 132	T-4	✓
TR 20-17	NE 132nd St/108th Ave NE Intersection Improvements	\$ 0.6	TR 0094	✓	C, 132	T-4	✓
TR 20-19	NE 132nd St/124th Ave NE Intersection Improvements	\$ 5.7	TR 0096	✓	C, 132	T-4	✓
TR 20-20	NE 132nd St/132nd Ave NE Intersection Improvements	\$ 0.9	TR 0097	✓	C, 132	T-4	✓
TR 20-11.21	Totem Lake Boulevard/120th Ave NE	\$ 2.6	TR 0099	✓	P20	T-4	✓

2022 CONCURRENCY PROJECT LIST TOTAL ('09 COSTS w/o INFLATION) —> **\$ 47.6**

Years to attain 2022 network: 2009 —> 2022 = 14years

AVERAGE ANNUAL CONCURRENCY PROJECT EXPENDITURES —> **3.40**

Note (1): Remaining costs with 2009 as "base year"

(1) '06 est:PROJECTS ARE NOT INDEXED FOR INFLATION (2) C=CIP, NM=Non-Cap list, TL= Totem Lake, P20= 20 yr list

Table T-5
Project Descriptions for the 2022 Transportation Project List

Non-motorized Improvements

(2008 update)

- NM20-1** Sidewalk
- Location:** NE 100th Street from 116th Avenue NE to approximately 114th Avenue NE
- Description:** Installation of curb, gutter, sidewalk and storm drainage along the north side. Partially funded CIP project NM 0034; schedule for completion is dependent on grant funding.
- NM20-2** Non-motorized Facilities
- Location:** 116th Avenue NE (south section) (NE 60th Street to south City limits)
- Description:** 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.
- NM20-3** Sidewalk
- Location:** 13th Avenue, Van Aalst Park to 3rd Street
- Description:** Install sidewalk and planter strip along the south side of 13th Avenue. Funded CIP project NM 0054, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.
- NM20-4** Pedestrian/Bicycle Facility
- Location:** 18th Avenue at Crestwoods Park/NE 100th Street, from 6th Street to 111th Avenue NE across BNR right-of-way
- Description:** Installation of paved path and overpass along the described corridor. Unfunded CIP project NM 0031.
- NM20-5** Sidewalk
- Location:** 93rd Avenue NE from Juanita Drive to NE 124th Street
- Description:** Installation of curb, gutter, sidewalk and planter strip along the east side. Unfunded CIP project NM 0032, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.
- NM20-6** Sidewalk

Location: 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: 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 80th 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. Funded CIP project NM 0055; included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

NM20-9 Sidewalk

Location: 116th Avenue NE from NE 94th Street to NE 100th Street

Description: Install curb, gutter, sidewalk and storm drain along east side. Funded CIP project NM 0044, scheduled for completion in 2010.

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. Funded CIP project NM 0036, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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. Funded CIP project NM 0046, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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. Funded CIP project NM 0043, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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. Funded CIP project NM 0049, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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. Funded CIP project NM 0050, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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, scheduled for completion in 2011.

NM20-26 Sidewalk

Location: Kirkland Way from 8th 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 Burlington Northern Santa Fe Railroad crossing

Description: Installation of curb, gutter, sidewalk and storm drain along north side of roadway. Funded CIP project NM 0053, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.

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 Burlington Northern Santa Fe Railroad 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:** Installation of curb, gutter, sidewalk and storm drain along east side of roadway. Funded CIP project NM 0059, included as a part of annual non-motorized program NM 8888 scheduled for completion by 2014.
- NM20-31** Sidewalk
- Location:** 100th Avenue NE/99th Place NE from NE 112th Street to NE 116th Street
- Description:** Installation of curb, gutter, sidewalk and storm drain along east side of roadway. Funded CIP project NM 0060; scheduled for completion in 2009.
- NM20-32** Pedestrian Enhancements
- Location:** Park Lane from Lake Street to Peter Kirk Park
- 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.
- NM20-33** Pedestrian Enhancements
- Location:** Central Way at Lake Street, Main Street, and 4th Street
- Description:** Based on the results of the ongoing Central Way pilot program that is monitoring the overall traffic impact of temporary parking along the south curb lane of Central Way, this project will formalize crossings with such treatments as “bulb-outs,” storm drainage, lighting and permanent parking configurations. Unfunded CIP project NM 0065.
- NM 20-34** Sidewalk
- Location:** 12th Avenue from 6th 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 Sidewalk and/or Bike Lanes
- Location:** City wide
- Description:** Install up to various funding levels in 2012, 2013, 2014 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 104th Street between 126th Avenue NE and 132nd 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: 19th Avenue from Market Street to 4th 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.

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. Funded CIP project ST 0063, included as a part of the annual concurrency street improvements ST 8888 scheduled for completion by 2014.

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. Partially funded CIP project ST 0059; design began in 2007 however completion is dependent upon grant funding.

ST20-5 Street Widening

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

Description: Widen to three 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 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 Burlington Northern Santa Fe Railroad 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. Funded CIP project ST 0057, design began in 2006 and completion is 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 Burlington Northern Santa Fe Railroad 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 132nd Street from 100th 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 132nd Street master plan.

ST20-15 Street Widening

Location: NE 132nd Street from WSDOT Interchange to 124th 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 132nd Street master plan.

ST20-16 Street Widening

Location: NE 132nd Street from 124th Avenue NE to 132nd 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 132nd Street master plan.

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 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. Unfunded CIP project TR 0065.

TR20-4 Intersection Improvements

Location: NE 68th Street/108th Avenue NE

Description: Install westbound to northbound right-turn lane and other improvements identified as a part of Sound Transit's Route 540 improvements. Funded CIP project TR 0085, design began in 2009 and anticipate completion in 2010.

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. Funded CIP project TR 0088, included as a part of the annual concurrency traffic improvements TR 8888 scheduled for completion by 2014.

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. Market Street/15th Avenue NE

6. NE 53rd Street/108th Avenue NE
7. NE 60th Street/116th Avenue NE
8. NE 60th Street/132nd Avenue NE
9. NE 64th Street/Lake Washington Boulevard
10. NE 70th Street/120th Avenue NE or 122nd Avenue NE
11. NE 80th Street/132nd Avenue NE
12. NE 112th Street/124th Avenue NE
13. NE 116th Street/118th Avenue NE
14. NE 116th Street/124th Avenue NE (northbound dual left turn)
15. NE 126th Street/132nd Place NE
16. NE 128th Street/Totem Lake Boulevard
17. NE 100th Street/132nd Avenue NE
18. NE 132nd Street/Totem Lake Boulevard
19. Market Street/Forbes Creek Drive
20. NE 112th Street/120th Avenue NE
21. 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. Funded CIP project TR 0086, included as a part of the annual concurrency traffic improvements TR 8888 scheduled for completion by 2014.

TR20-13 Intersection Improvements

Location: Lake Washington Boulevard at NE 38th Place

Description: Add one northbound travel lane on Lake Washington Boulevard through this intersection. Unfunded CIP project TR 0090.

TR20-14 Traffic Signal

Location: 124th Avenue NE at NE 124th Street

Description: Install traffic signal improvements and new railroad crossing on the north leg of this intersection. Funded CIP project TR 0091; project is anticipated to start in 2012.

TR20-15 Intersection Improvements**Location:** NE 132nd Street/100th Avenue NE**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. Funded CIP project TR 0083, included as a part of the annual concurrency traffic improvements TR 8888 scheduled for completion by 2014.**TR20-16** Intersection Improvements**Location:** NE 132nd Street/Juanita High School Access**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.**TR20-17** Intersection Improvements**Location:** NE 132nd Street/108th Ave 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.**TR20-18** Intersection Improvements**Location:** NE 132nd Street/Fire Station #27 Access**Description:** Modify existing signal to include pedestrian actuated option, as recommended in the NE 132nd 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 132nd Street and Totem Lake redevelopment. Unfunded CIP project TR 0095.**TR20-19** Intersection Improvements**Location:** 132nd Street/124th 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. Unfunded CIP project TR 0096.

TR20-20 Intersection Improvements

Location: 132nd Street/132nd Avenue 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.

TR20-21 Intersection Improvements

Location: 132nd Street/116th Way NE (I-405)

Description: Coordination of City ROW and intersection improvements in association with the WSDOT's Half-Diamond Interchange at NE 132nd Street and I-405 as recommended in the NE 132nd Street Master Plan. Unfunded CIP project TR 0098.

ATTACHMENT 4

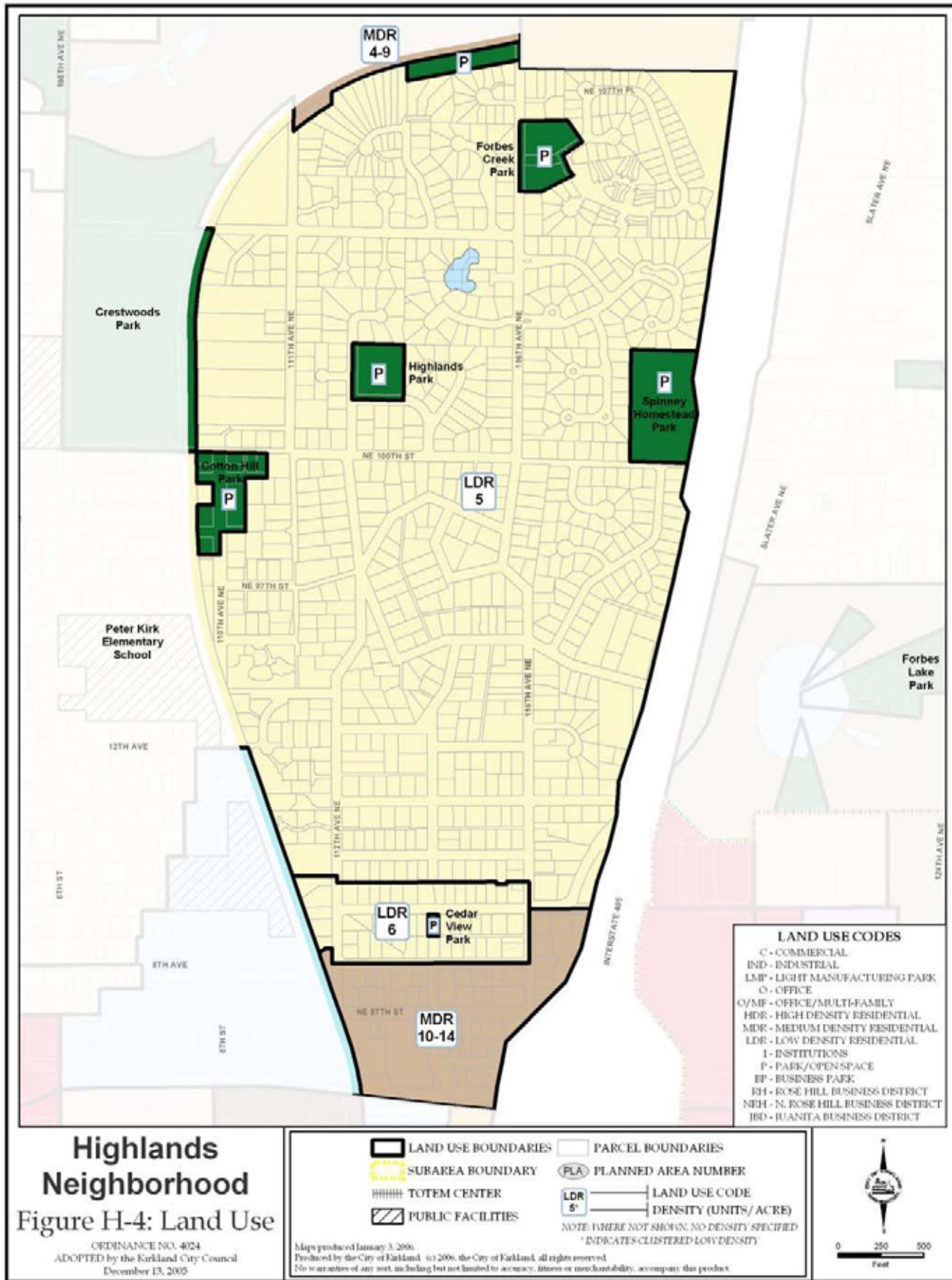
**WILL BE AVAILABLE AT THE
PLANNING COMMISSION
MEETING ON JUNE 11, 2009**

XIV. IMPLEMENTATION STRATEGIES

**Table IS-1
Implementation Tasks (Continued)**

TASK	PRIORITY
<p>HUMAN SERVICES ELEMENT</p> <p><u>Ongoing</u></p> <p>HS.1. Review the Senior Council's Strategic Plan every five years and revise as appropriate.</p> <p>HS.2. Review the Youth Council's Strategic Plan every five years and revise as appropriate.</p> <p>HS.3. Continue regional collaboration of the Human Service's grant program to increase efficiencies.</p> <p>HS.4. Identify potential funding sources and submit grant applications for Senior, Youth and Human Services programs.</p>	
<p>CAPITAL FACILITIES ELEMENT</p> <p><u>Projects</u></p> <p>CF.1. Consider new revenue sources for capital facilities and implement as appropriate, including voter-approved bond issues.</p> <p><u>Ongoing</u></p> <p>CF.2. Annually update the Capital Facilities Element to reflect capacity of facilities, land use changes, level of service standards, and financing capability.</p> <p>CF.3. Annually update the Capital Facilities Element consistent with the Capital Improvement Program.</p> <p>CF.4. Periodically update impact fees to reflect increases in road and park construction costs.</p>	*
<p>NEIGHBORHOOD PLANS</p> <p><u>Ongoing</u></p> <p>NP.1. Regularly review neighborhood plans and amend as appropriate.</p>	*
<p>OTHER</p> <p>Evaluate the cost/benefit, capital facilities and service implications of annexation.</p>	

NP.2. Incorporate the following capital project elements into the CIP and CFP processes and/or the neighborhood connection and neighborhood grant program: (list projects by neighborhood.)



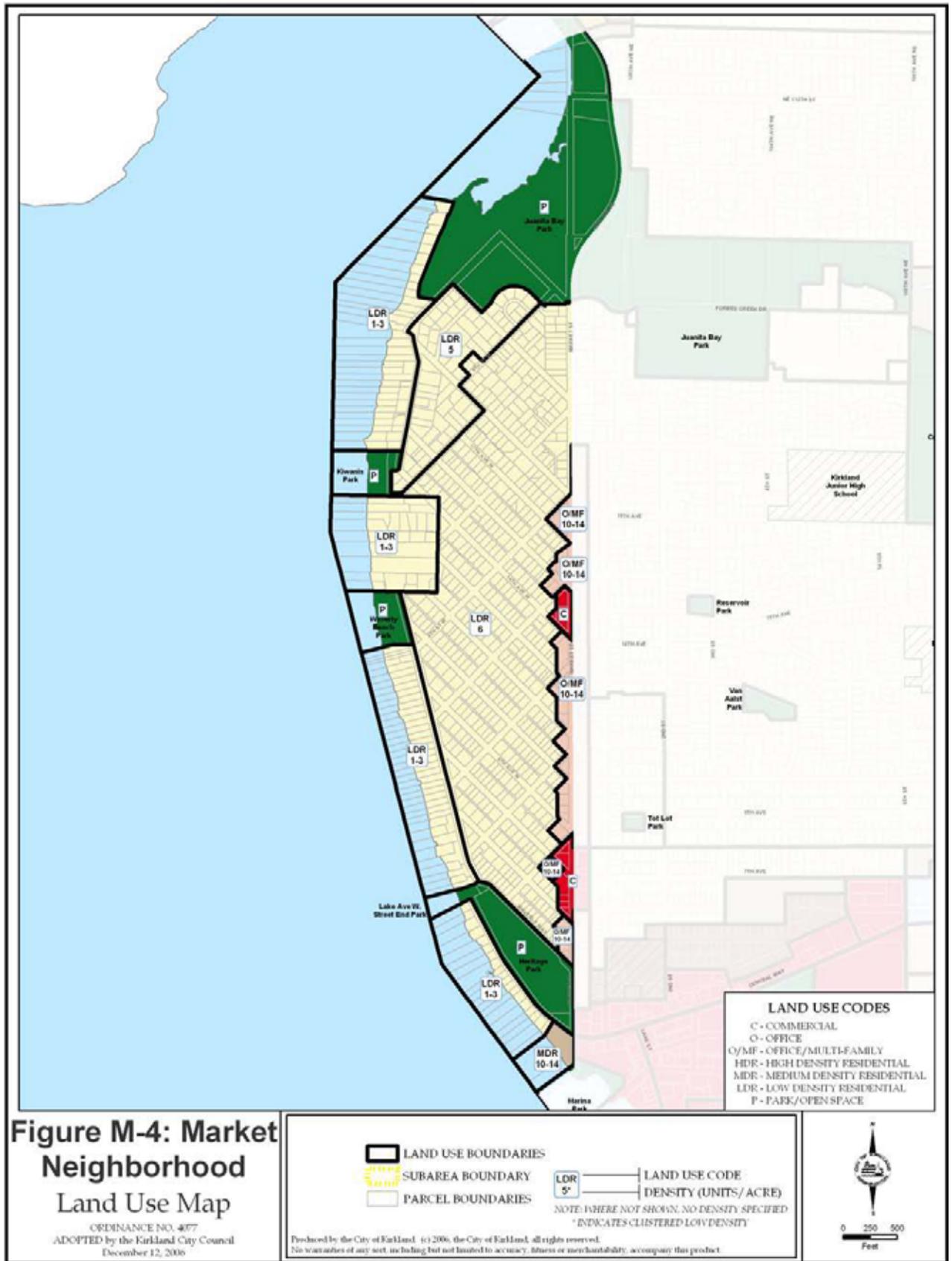


Figure M-4: Market Neighborhood Land Use

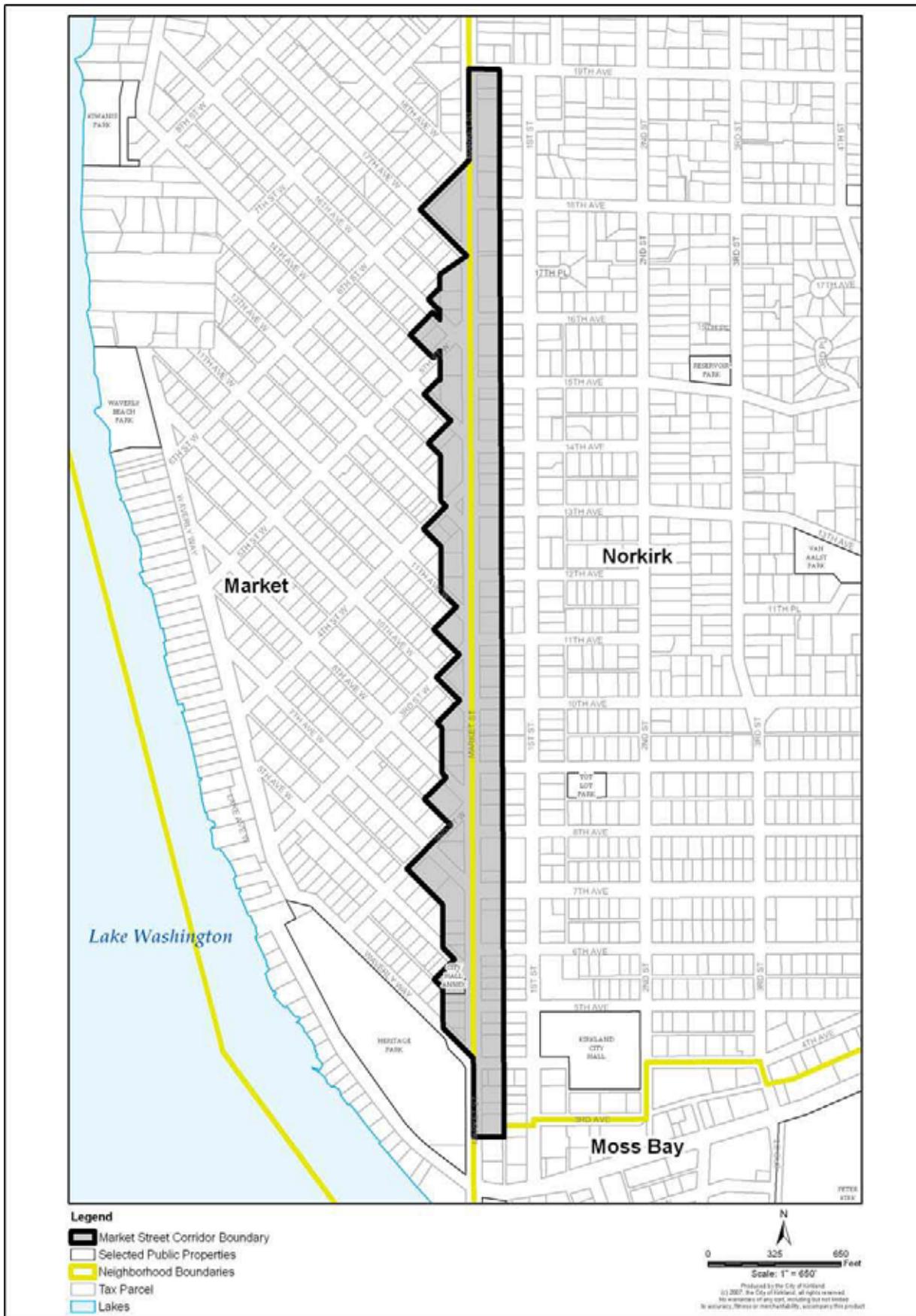


Figure MS-1: Market Street Corridor Boundary

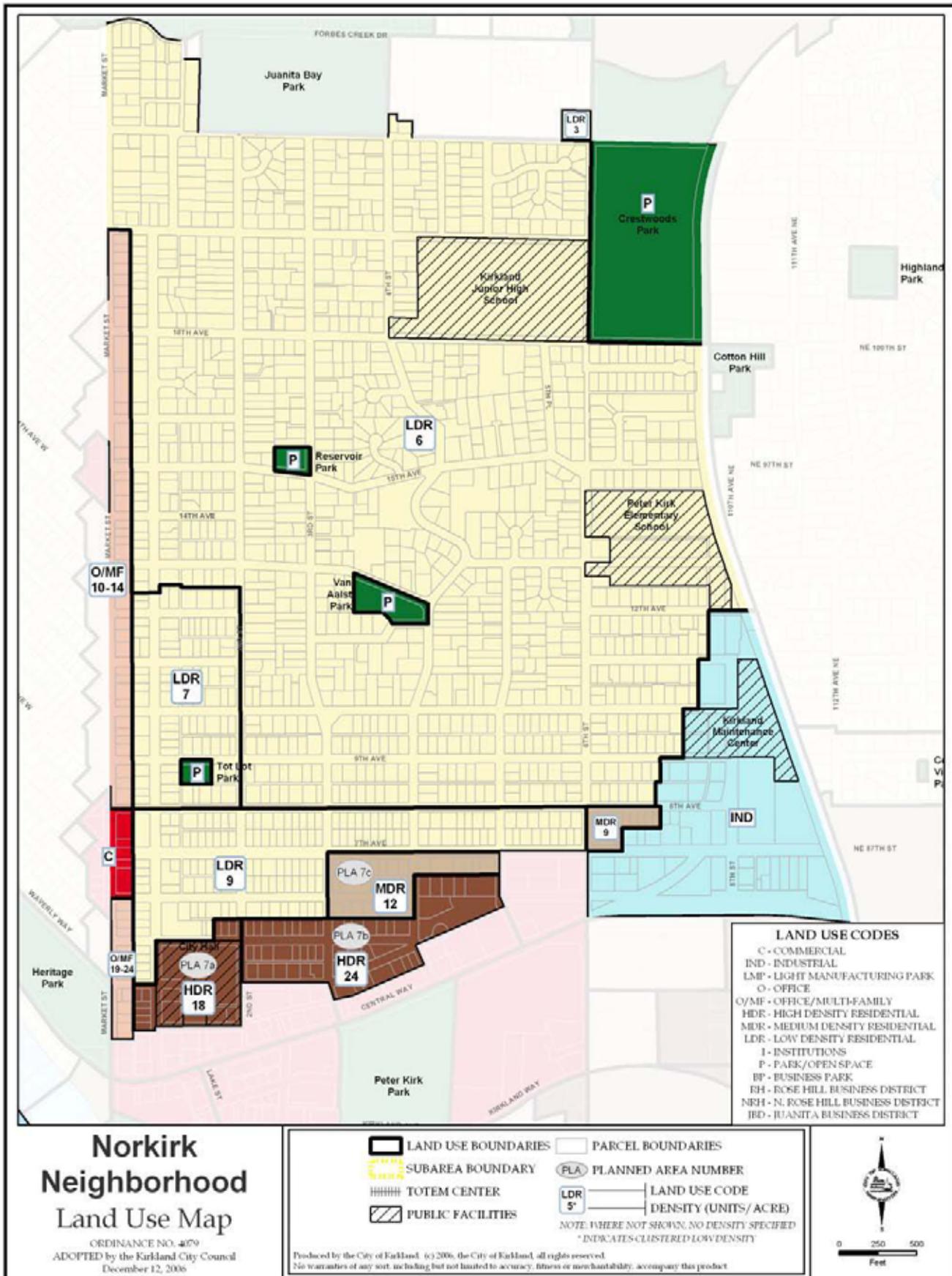
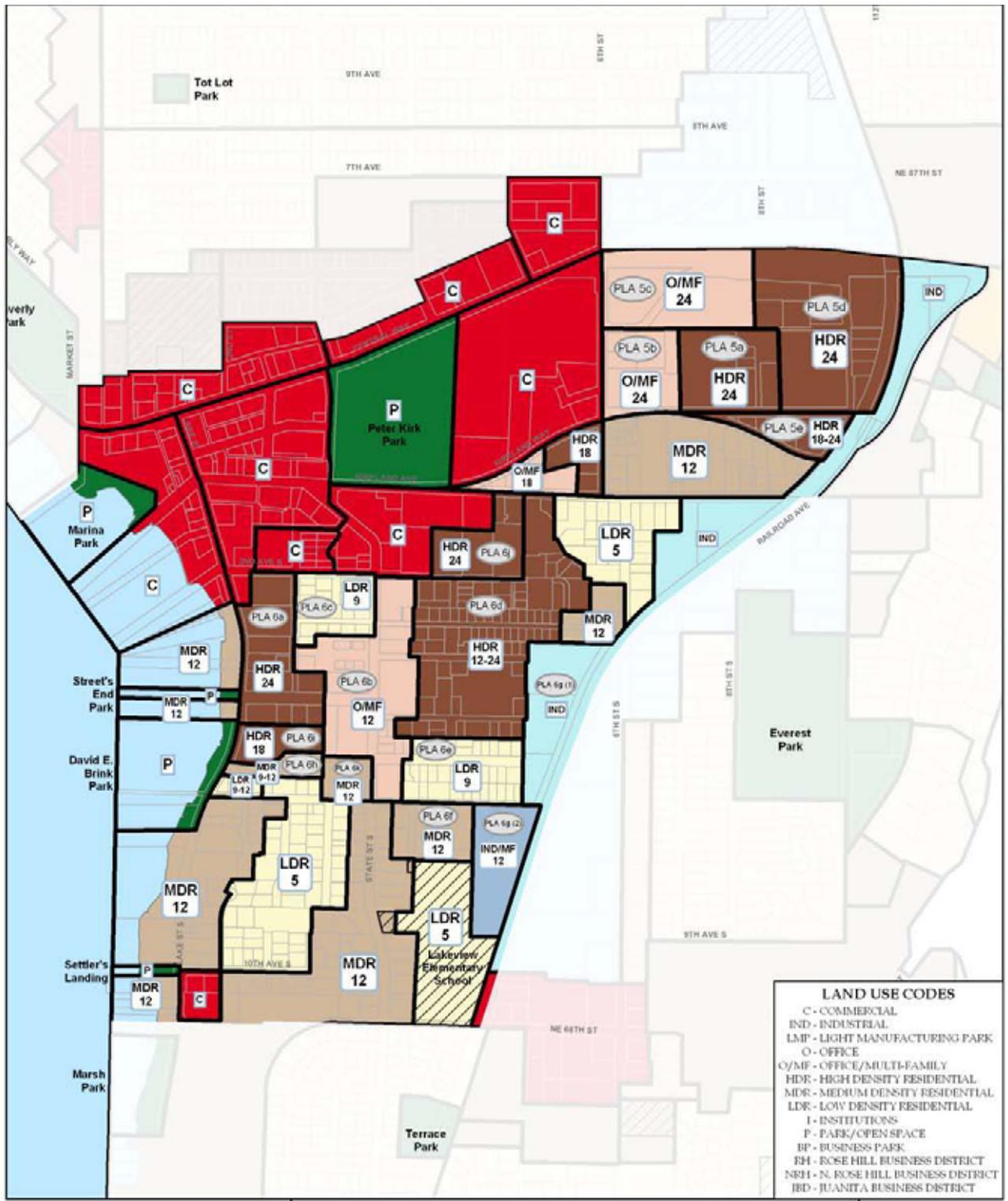


Figure N-4: Norkirk Land Use



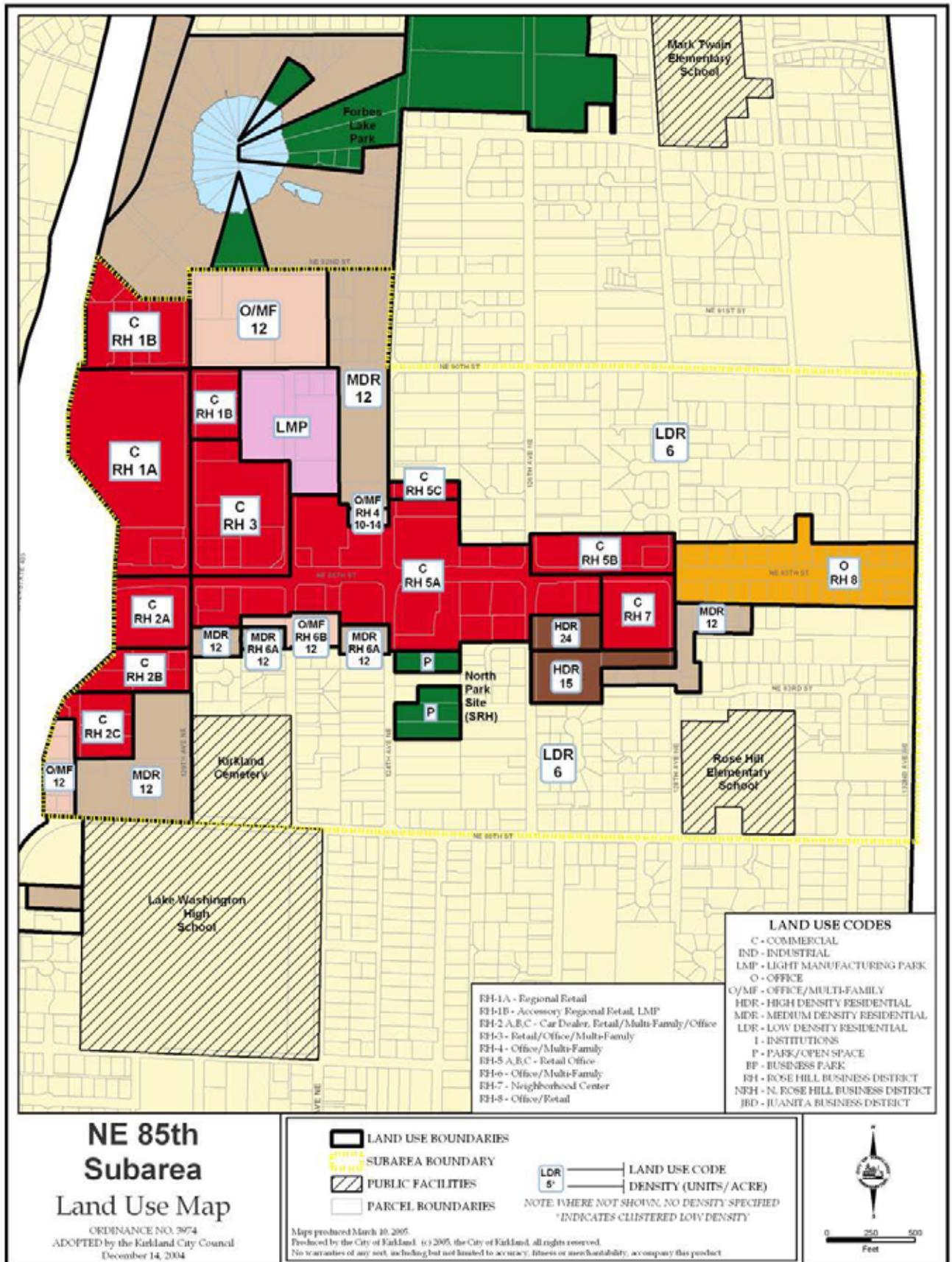


Figure NE85-2: NE 85th Subarea Land Use