

ORDINANCE NO. 4028

AN ORDINANCE OF THE CITY OF KIRKLAND RELATING TO COMPREHENSIVE PLANNING AND LAND USE AND AMENDING THE COMPREHENSIVE PLAN (ORDINANCE 3481 AS AMENDED) AS REQUIRED BY RCW 36.70A.130 TO ENSURE CONTINUED COMPLIANCE WITH THE GROWTH MANAGEMENT ACT, FILE NO. ZON05-00026 AND APPROVING A SUMMARY FOR PUBLICATION.

WHEREAS, the Growth Management Act (GMA), RCW 36.70A.215, mandates that the City of Kirkland review, and if needed, revise its Comprehensive Plan pursuant to RCW 36.70A.130; and

WHEREAS, the City Council has received recommendations from the Kirkland Planning Commission and the Houghton Community Council to amend certain portions of the Comprehensive Plan for the City, Ordinance 3481 as amended, all as set forth in those certain reports and recommendations of the Planning Commission dated November 10, 2005, and of the Houghton Community Council dated November 28, 2005, and bearing Kirkland Department of Planning and Community Development File No. ZON05-00026; and

WHEREAS, prior to making said recommendation the Planning Commission, following notice thereof as required by RCW 35A.63.070, held a public hearing on November 10, 2005, on the amendment proposals; and

WHEREAS, prior to making said recommendation the Houghton Community Council, following notice thereof as required by RCW 35A.63.070, held a courtesy hearing on November 28, 2005, on the amendment proposals; and

WHEREAS, pursuant to the State Environmental Policy Act (SEPA), there has accompanied the legislative proposal and recommendations a SEPA Addendum to Existing Environmental Documents issued by the responsible official pursuant to WAC 197-11-600(4); and

WHEREAS, in regular public meeting the City Council considered the environmental documents received from the responsible official, together with the reports and recommendations of the Planning Commission and the Houghton Community Council; and

NOW, THEREFORE, BE IT ORDAINED by the City Council of the City of Kirkland as follows:

Section 1. Text Amended: The following specific portions of the text of the Comprehensive Plan, Ordinance 3481 as amended, are amended to read as follows:

- A. Section VI. Land Use Element:  
Amendments to Land Use Map as shown in Exhibit A attached to this ordinance and incorporated by reference.

- B. Section XI. Transportation Element:  
Text amendments to Transportation Element as shown in Exhibit B attached to this ordinance and incorporated by reference.
- C. Section X. Park Element:  
Amendments to Park Map as shown in Exhibit C attached to this ordinance and incorporated by reference.
- D. Section XI. Utilities Element:  
Amendments to Utilities Maps as shown in Exhibit D attached to this ordinance and incorporated by reference.
- E. Section XIII. Capital Facilities Element:  
Text amendments to the Capital Facilities Element as shown in Exhibit E attached to this ordinance and incorporated by reference.
- F. Section XV. Moss Bay Neighborhood:  
Text amendments to the Moss Bay Neighborhood as shown in Exhibit F attached to this ordinance and incorporated by reference.
- G. Section XV. South Rose Hill Neighborhood:  
Map amendment to the South Rose Hill Neighborhood as shown in Exhibit G attached to this ordinance and incorporated by reference.
- H. Section XV. Totem Lake Neighborhood:  
Map amendment to the Totem Lake Neighborhood as shown in Exhibit H attached to this ordinance and incorporated by reference.
- I. Section XV. South Juanita Neighborhood:  
Map amendment to the South Juanita Neighborhood as shown in Exhibit I attached to this ordinance and incorporated by reference.

Section 2. Severability: If any section, subsection, sentence, clause, phrase, part or portion of this ordinance, including those parts adopted by reference, is for any reason held to be invalid or unconstitutional by any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this ordinance.

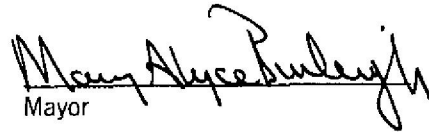
Section 3. Houghton Community Council: To the extent that the subject matter of this ordinance is subject to the disapproval jurisdiction of the Houghton Community Council as created by Ordinance 2001, the ordinance shall become effective within the Houghton community either upon approval of the Houghton Community Council, or upon failure of said community council to disapprove this ordinance within 60 days of its passage.

Section 4. Effective Date: Except as provided in Section 3, this ordinance shall be in full force and effect five days from and after its passage by the City Council and publication, pursuant to Kirkland Municipal Code 1.08.017, in the summary form attached to the original of this ordinance and by this reference approved by the City Council as required by law.

Section 5. Ordinance Copy: A complete copy of this ordinance shall be certified by the City Clerk, who shall then forward the certified copy to the King County Department of Assessments.

Passed by majority vote of the Kirkland City Council in open meeting this 13 day of December, 2005.

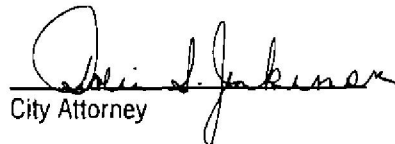
SIGNED IN AUTHENTICATION THEREOF this 13th day of December, 2005.

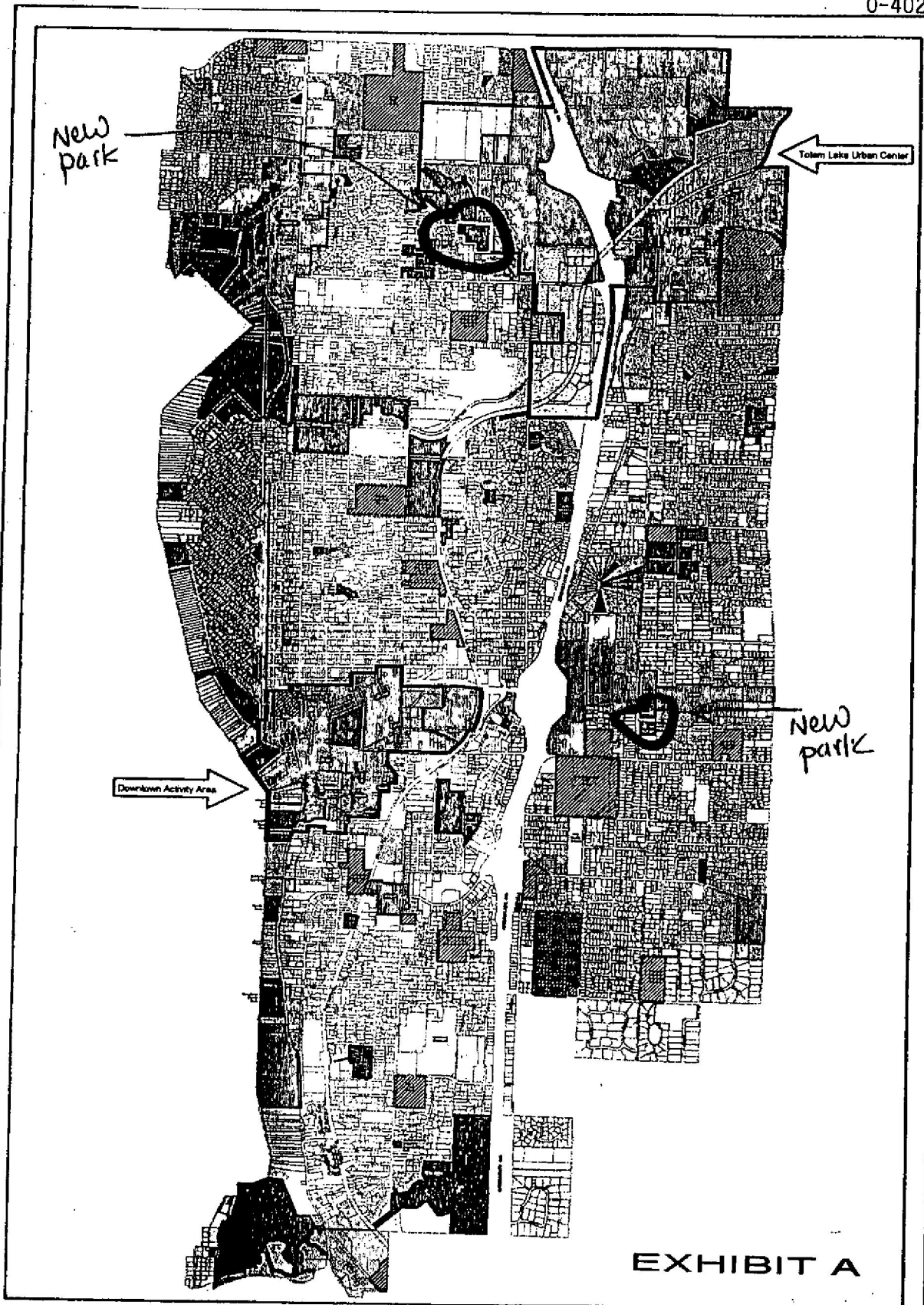
  
Mayor

Attest:

  
City Clerk

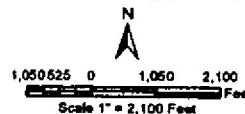
Approved as to Form:

  
City Attorney



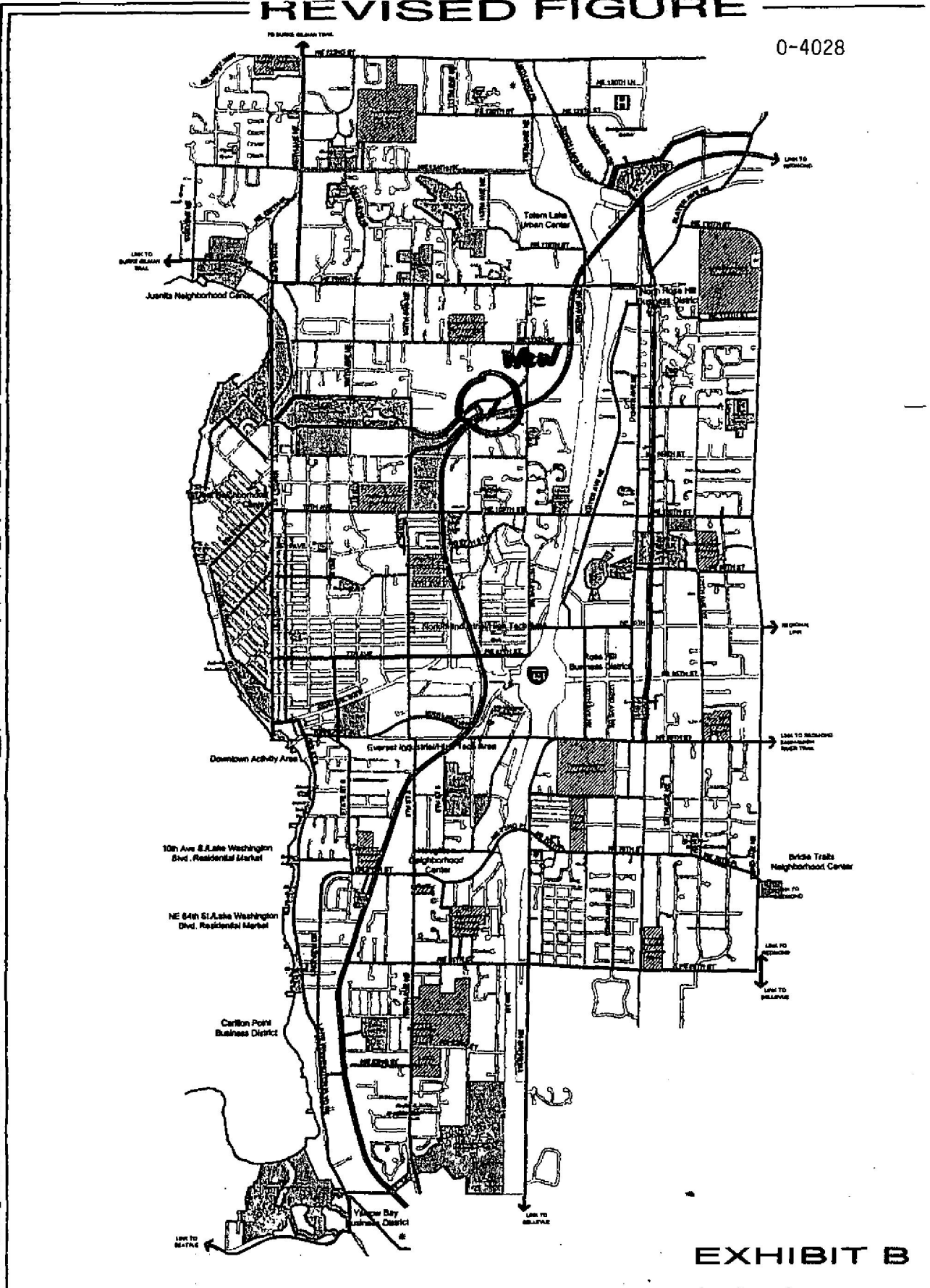
Legend

- |                          |                            |                            |
|--------------------------|----------------------------|----------------------------|
| Commercial               | High Density Residential   | Public Facility            |
| Industrial               | Medium Density Residential | Activity Area/Urban Center |
| Light Manufacturing Park | Low Density Residential    | Tax Parcel Boundary        |
| Office                   | Institutions               | Amended Land Use Area      |
| Office/Multi-Family      | Park/Open Space            |                            |



Produced by the City of Kirkland  
 12/2005, the City of Kirkland, all rights reserved.  
 No warranties of any sort, including but not limited  
 to accuracy, fitness or merchantability, accompany this product.

**Figure LU-1: Comprehensive Land Use Map - Amended**



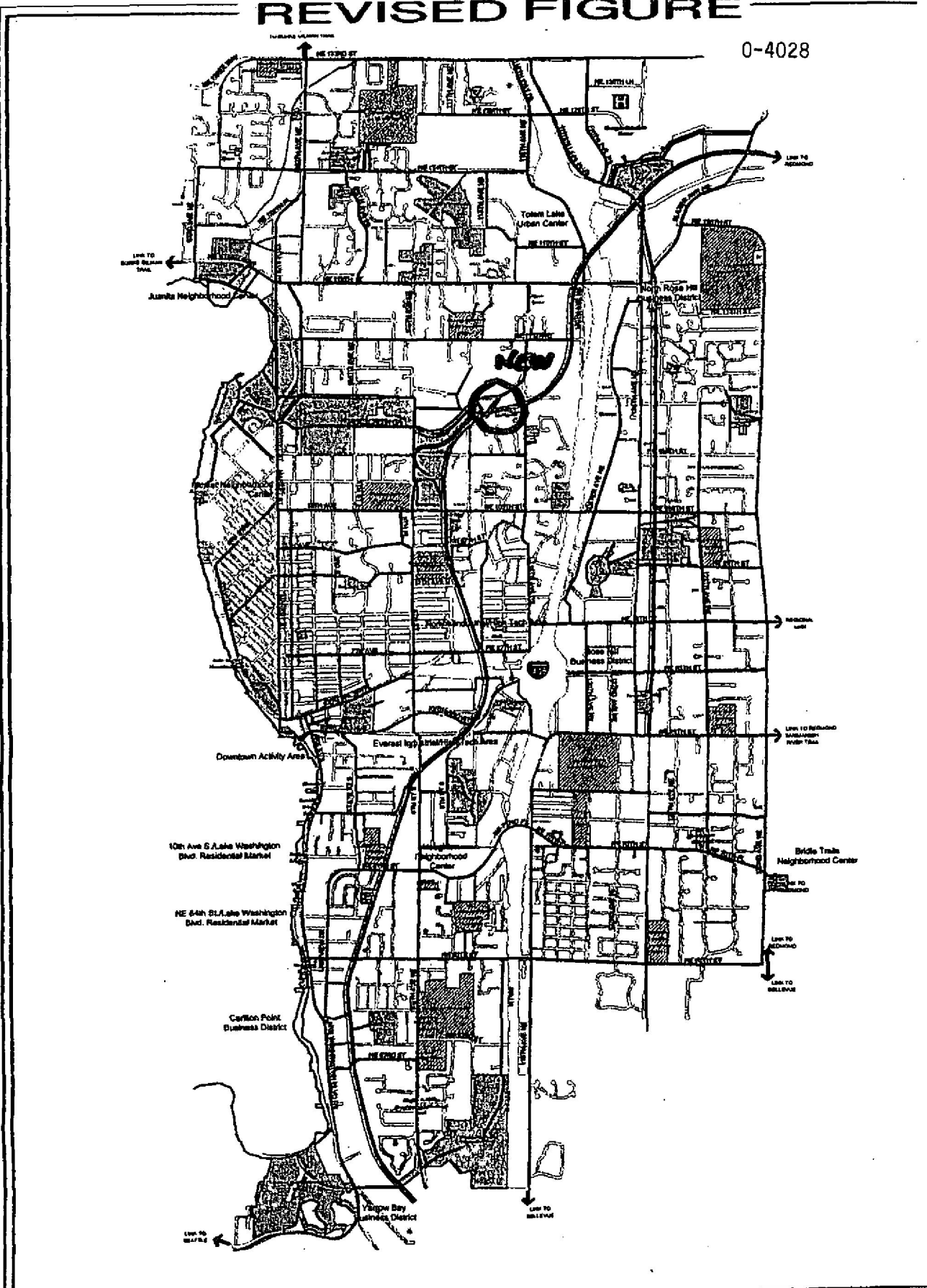
- Legend**
- Existing
    - Shared Use Path
    - Bike Lanes & Shared Roadways
  - Proposed
    - Shared Use Path (Priority 1)
    - Bike Lanes & Shared Roadways (Priority 1)
    - Bike Lanes & Shared Roadways (Priority 2)
  - Transit Facility
  - Parks
  - Schools
  - Commercial Areas

NOTE: This map is not intended to depict all potential bicycle facilities. The Proposed Bicycle System shows priority one and two corridors as identified in the 1995 NMT Plan to provide a framework for building a complete bicycle network.

EXHIBIT B

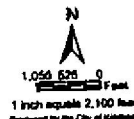
N  
1,050 525 0  
Feet  
1 inch equals 2,100 feet  
Produced by the City of Kirkland  
© 2004, the City of Kirkland, all rights reserved.  
No warranty of any kind, including that one should  
be made, should be made, concerning the product.

Figure T-2: Bicycle Corridor System - Existing and Proposed



- Legend**
- Existing
    - Shared Use Path
    - Pedestrian System
  - Proposed
    - Shared Use Path (Priority 1)
    - Pedestrian System (Priority 1)
    - Pedestrian System (Priority 2)
  - Transit Facility
  - Parks
  - Schools
  - Commercial Areas

NOTE: This map is not intended to depict all potential pedestrian facilities. The Proposed Pedestrian System shows priority one and two corridors as identified in the 1995 NMUT Plan to provide a framework for building a complete pedestrian network.



**Figure T-3: Pedestrian Corridor System - Existing and Proposed**

# proposed change

## **Transportation Element, page IX-14**

Mode split (the percentage of single-occupant vehicle use and transit or other mode use) is used as the level of service standard for transit (Policy T-5.2). For vehicular level of service, the City has developed an aggregated roadway level of service measure that averages the capacity of signalized intersections within a geographic area (Policy T-5.3). Non-motorized level of service is expressed in terms of miles of completed bicycle and pedestrian facilities and number of complete corridors and reflects the desire to create an interconnected system of bicycle and pedestrian routes (Policy T-5.5).

***Policy T-5.2: By the year 2022, strive to achieve a mode split of 65% percent single-occupant vehicle (SOV) and 35% percent transit/other mode.***

The mode splits described in this policy are the level of service standard for transit. They represent a long-term goal for the City to achieve through providing improved transit accessibility, transportation demand management programs, efficient non-motorized systems, locating shops and services close to home, and other strategies to get people out of single-occupant vehicles. The standard is expressed in terms of a desired percentage of peak-hour home to work trips by single-occupant vehicles and transit/other mode.

***Policy T-5.3: Utilize the peak-hour vehicular level of service standards shown in Table T-2 – a two part standard for the transportation subareas and for individual system intersections.***

This policy establishes a peak-hour level of service (LOS) standard for vehicular traffic based on 2022 land use and road network. It is a two-part standard, based on the ratio of traffic volume to intersection capacity (V/C) for signalized system intersections. Volume to capacity ratios were determined using the planning method from *Transportation Research Circular 212*.

The two standards are as follows:

- (1) Maximum Allowed Subarea Average V/C for signalized system intersections in each subarea may not exceed the values listed in Table T-2.
- (2) No signalized system intersection may have a V/C greater than 1.40.

## IX. TRANSPORTATION

Table T-3 describes subarea average V/C ratios for 2003 traffic counts and for forecast 2004 and 2022 volumes. These numbers are provided for reference.

Table T-3 2003  
 2003 and Forecasted Subarea Average LOS for System Intersection

Subarea Average V/C Ratio			
Subarea	2003 Traffic Count	2004 Traffic Plus Projects Approved but Not Yet Built	2022
Southwest	0.77	0.89	0.92
Northwest	0.83	0.88	<del>1.05</del> 1.01
Northeast	0.76	0.86	0.99
East	0.94	1.04	<del>1.08</del> 1.10

Table T-4 below lists intersections that are not system intersections and are therefore not considered in the calculations.

Table T-4  
 Signalized Intersections Not System Intersections

The following signalized intersections are not system intersections. All other signalized intersections installed prior to August 2001 are system intersections.
6th Street/4th Avenue
3rd Street/Kirkland Avenue
6th Street/Kirkland Way
98th Avenue NE/NE 120th Place
93rd Avenue NE/Juanita Drive
97th Avenue NE/Juanita Drive
NE 124th Street/120th Place NE
NE 118th Street/120th Avenue NE
NE 128th Street/116th Way NE
120th Avenue NE/NE 80th Street
NE 132nd Street/108th Avenue NE
NE 132nd Street/Juanita High School
NE 132nd Street/Juanita Elementary School
120th Avenue Pedestrian Signal at Totem Lake Mall

Figure T-5 below shows the City's four subareas used for the maximum allowed subarea average V/C ratio standard in Table T-2 for signalized system intersections.



# REVISED TABLE

**TABLE T-5**  
**Project Descriptions for the 2022 Transportation Project List**

## Non-motorized Improvements

### **NM20-1** Sidewalk

**Location:** Spinney Homestead Park, NE 100th Street from 111th Avenue NE to I-405

**Description:** Installation of curb, gutter, sidewalk and storm drainage along the north side. Unfunded CIP project NM 0034.

### **NM20-2** Non-motorized Facilities

**Location:** 116<sup>th</sup> Avenue NE (south section) (NE 60<sup>th</sup> 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. Unfunded CIP project NM 0001.

### **NM20-3** Sidewalk

**Location:** 13th Avenue (Phase II), Van Aalst Park to 3rd Street

**Description:** Install sidewalk and planter strip along the south side of 13th Avenue. Funded CIP project NM 0054, scheduled for completion in 2010.

### **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 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. Unfunded CIP project NM 0032.

### **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** Nonmotorized Facilities

**Location:** Burlington Northern Santa Fe Railroad right-of-way, between south and north City Limits

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

- NM20-8** Sidewalk  
**Location:** 122<sup>nd</sup> Ave NE, between NE 70<sup>th</sup> Street and NE 80<sup>th</sup> Street  
**Description:** Install curb, gutter and sidewalk along the west side. Funded CIP project NM 0055, scheduled to begin in 2009.
- NM20-9** Sidewalk  
**Location:** 116<sup>th</sup> Ave NE from NE 94<sup>th</sup> Street to NE 100<sup>th</sup> Street  
**Description:** Install curb, gutter, sidewalk and storm drain along east side. Funded CIP project NM 0044, scheduled for completion in 2009.
- 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, scheduled for completion in 2011.
- NM20-11** Sidewalk  
**Location:** NE 95<sup>th</sup> Street from 112<sup>th</sup> Ave NE to 116<sup>th</sup> Ave NE  
**Description:** Install curb, gutter and sidewalk and storm drain along north side. Unfunded CIP project NM 0045.
- NM20-12** Sidewalk  
**Location:** 18<sup>th</sup> Ave West from Market Street to Rose Point Lane  
**Description:** Install curb, gutter and sidewalk and storm drain along roadway. Unfunded CIP project NM 0046.
- NM20-13** Sidewalk  
**Location:** 116<sup>th</sup> Ave NE from NE 70<sup>th</sup> Street to NE 75<sup>th</sup> 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:** Install sidewalk along west side of 130th Avenue NE. 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, 124<sup>th</sup> Ave NE to 128<sup>th</sup> Ave NE  
**Description:** Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0056.

- NM20-16B** Sidewalk  
**Location:** NE 90th Street, 120<sup>th</sup> Ave NE to 124<sup>th</sup> Ave NE, and 128<sup>th</sup> Ave NE to 132<sup>nd</sup> Ave NE  
**Description:** Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0026.
- NM20-17** Pathway/sidewalk  
**Location:** NE 60<sup>th</sup> Street from 116<sup>th</sup> Ave NE to 132<sup>nd</sup> Ave 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** Sidewalk  
**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. Unfunded CIP project NM 0043.
- 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:** 112<sup>th</sup> Ave NE from NE 87<sup>th</sup> Street to NE 90<sup>th</sup> Street  
**Description:** Installation of curb, gutter, sidewalk and storm drain along west side of roadway. Funded CIP project NM 0049, scheduled for completion in 2011.
- NM20-24** Sidewalk  
**Location:** NE 80<sup>th</sup> Street from 126<sup>th</sup> Ave NE to 130<sup>th</sup> Ave NE

**Description:** Installation of curb, gutter, sidewalk and storm drain along south side of roadway. Unfunded CIP project NM 0050.

**NM 20-25** Sidewalk

**Location:** NE 85<sup>th</sup> Street from I-405 to 132<sup>nd</sup> Ave NE and along 124<sup>th</sup> Ave NE from NE 80<sup>th</sup> Street to NE 90<sup>th</sup> Street.

**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 2007.

**NM20-26** Sidewalk

**Location:** NE 73<sup>rd</sup> Street from 124<sup>th</sup> Ave NE to 130<sup>th</sup> Ave NE

**Description:** Installation of curb, gutter, sidewalk and storm drain along north side of roadway. Funded CIP project NM 0052, scheduled for completion in 2008.

**NM20-27** Sidewalk

**Location:** NE 112<sup>th</sup> Street from 117<sup>th</sup> PI NE to the Burlington Northern Sante Fe RR Crossing

**Description:** Installation of curb, gutter, sidewalk and storm drain along north side of roadway. Funded CIP project NM 0053, scheduled for completion in 2009.

**NM20-28** Annual Sidewalk Maintenance Program

**Location:** City-wide

**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.

**Roadway Improvements****ST20-1** Roadway Extension**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** Roadway Extension**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** Roadway 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, scheduled to begin design in 2008.**ST20-4** Roadway Widening**Location:** 124th Avenue NE, NE 116th Street to NE 124th Street**Description:** Widen to five lanes, from existing three lanes with sidewalks. Funded CIP project ST 0059, scheduled to begin design in 2006.**ST20-5** Roadway 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 0054.**ST20-6** Roadway Widening**Location:** 132nd Avenue NE/NE 120th Street NE**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** Roadway Extension**Location:** 120<sup>th</sup> Ave NE from NE 116<sup>th</sup> Street to BNSFRR crossing**Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0073.**ST20-9** Roadway Extension**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, scheduled to begin design in 2006.

**ST20-10** Traffic Calming

**Location:** 120th Avenue NE, from Totem Lake Boulevard to NE 128th Street

**Description:** Install various traffic calming measures, parking, pedestrian and landscape improvements. Funded CIP ST 0070, scheduled to begin design in 2007.

**ST20-11** Roadway Extension

**Location:** NE 130th Street, Totem Lake to 120th Avenue NE

**Description:** Extend two-lane roadway including nonmotorized facilities, storm drainage and landscaping. Unfunded CIP project ST 0062.

**ST20-12** Roadway Widening

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

**Description:** Widen to a five-lane section with bike lanes. Currently two through lanes with left turn lanes at certain intersections and variable width bike lanes. Unfunded CIP project ST 0058; will require 75% King County participation.

**ST20-13** Roadway extension

**Location:** NE 120th Street (west section) from 124th Ave NE to BNR crossing

**Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0072.

**ST20-14** 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.

**Intersection Improvements**

- TR20-1** Traffic Signal  
**Location:** Kirkland Avenue and Third Street  
**Description:** Construct a new signal at this intersection, including controlled pedestrian crosswalks. Funded CIP project TR 0004, design to start in 2009.
- TR20-2** Intersection Improvements  
**Location:** Kirkland Way Underpass at BNSFRR crossing  
**Description:** New railroad under-crossing along Kirkland Way, installation of sidewalks and bike lanes in immediate vicinity, improve clearance between roadway surface and overpass, and improve sight distance. Unfunded CIP project TR 0067.
- TR20-3** Traffic Signal  
**Location:** 6th Street/Kirkland Way  
**Description:** Construct a new signal at this intersection. The project will include controlled pedestrian crosswalks. Funded CIP project TR 0065, scheduled for completion in 2009.
- TR20-4** Intersection Improvements  
**Location:** NE 124th Street/124th Avenue NE  
**Description:** At completion, intersection will have two northbound left turn lanes, two southbound left turn lanes, new BNR crossing. Funded CIP project TR 0070, scheduled for completion in 2006.
- TR20-5** HOV Queue By-pass  
**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 85<sup>th</sup> Street/120<sup>th</sup> Ave NE  
**Description:** Project will add one northbound right-turn lane and one new westbound and one new eastbound travel lane on NE 85<sup>th</sup> Street. Unfunded CIP project TR 0088.
- TR20-7** Intersection Improvements  
**Location:** NE 85<sup>th</sup> Street/132<sup>nd</sup> Ave NE  
**Description:** Project will add one new westbound and one new eastbound travel lane on NE 85<sup>th</sup> Street. Unfunded CIP project TR 0089.
- TR20-8** HOV Queue By-pass  
**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** Intersection Improvements  
**Location:** Lake Washington Boulevard at Northup Way  
**Description:** Add southbound Lake Washington Boulevard queue by-pass lane from Cochran Springs to westbound SR 520. Unfunded CIP project TR 0068.

**TR20-10** Queue By-pass 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 by-pass eastbound to southbound (unfunded CIP project TR-0072)
2. NE 85th Street/I-405 queue by-pass westbound to northbound (unfunded CIP project TR 0074)
3. NE 70th Street/I-405 queue by-pass (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 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 (extend NB through and right)
15. NE 126th Street/132nd Place NE
16. NE 128th Street/Totem Lake Boulevard
17. NE 100<sup>th</sup> Street/132<sup>nd</sup> Ave NE
18. NE 132nd Street/Totem Lake Boulevard
19. Market Street/Forbes Creek Drive
20. NE 112<sup>th</sup> Street/120<sup>th</sup> Ave NE
21. Totem Lake Blvd/120<sup>th</sup> Ave NE



- TR20-12** Intersection Improvements  
**Location:** NE 85<sup>th</sup> Street/114<sup>th</sup> Ave NE  
**Description:** Construct two southbound to eastbound left-turn lanes; extend existing eastbound to southbound through/right-turn lane. Funded CIP project TR-0079, completion in 2006/2007.
- TR20-13** Intersection Improvements  
**Location:** NE 85<sup>th</sup> Street/124<sup>th</sup> Ave NE  
**Description:** Construct two eastbound to northbound left-turn lanes as a part of the Sound Transit Route 540 corridor improvements. Funded CIP project TR-0080, completion in 2008.
- TR20-14** Traffic Signal  
**Location:** Central Way at the entrance to the Park Place Shopping area  
**Description:** Install new traffic signal and pedestrian crossings. Privately funded CIP project TR-0082, anticipated completion in 2007.
- TR20-15** Intersection Improvements  
**Location:** 100<sup>th</sup> Ave NE/NE 132<sup>nd</sup> Street  
**Description:** Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Construct a second southbound left turn lane. Funded CIP project TR-0083, completion in 2011.
- TR20-16** Intersection Improvements  
**Location:** 100<sup>th</sup> Ave NE/NE 124<sup>th</sup> 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.
- TR20-17** Intersection Improvements  
**Location:** NE 68<sup>th</sup> Street/108<sup>th</sup> Ave 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, completion in 2009.
- TR20-18** Intersection Improvements  
**Location:** NE 70<sup>th</sup> Street/132<sup>nd</sup> Ave NE  
**Description:** Install westbound and northbound right-turn lanes. Funded CIP project TR-0086, project to begin in 2011.
- TR20-19** Intersection Improvements  
**Location:** Lake Washington Boulevard at NE 38<sup>th</sup> Place  
**Description:** Add one northbound lane travel lane on Lake Washington Boulevard through this intersection. Unfunded CIP project TR-0090.

**TR20-20**

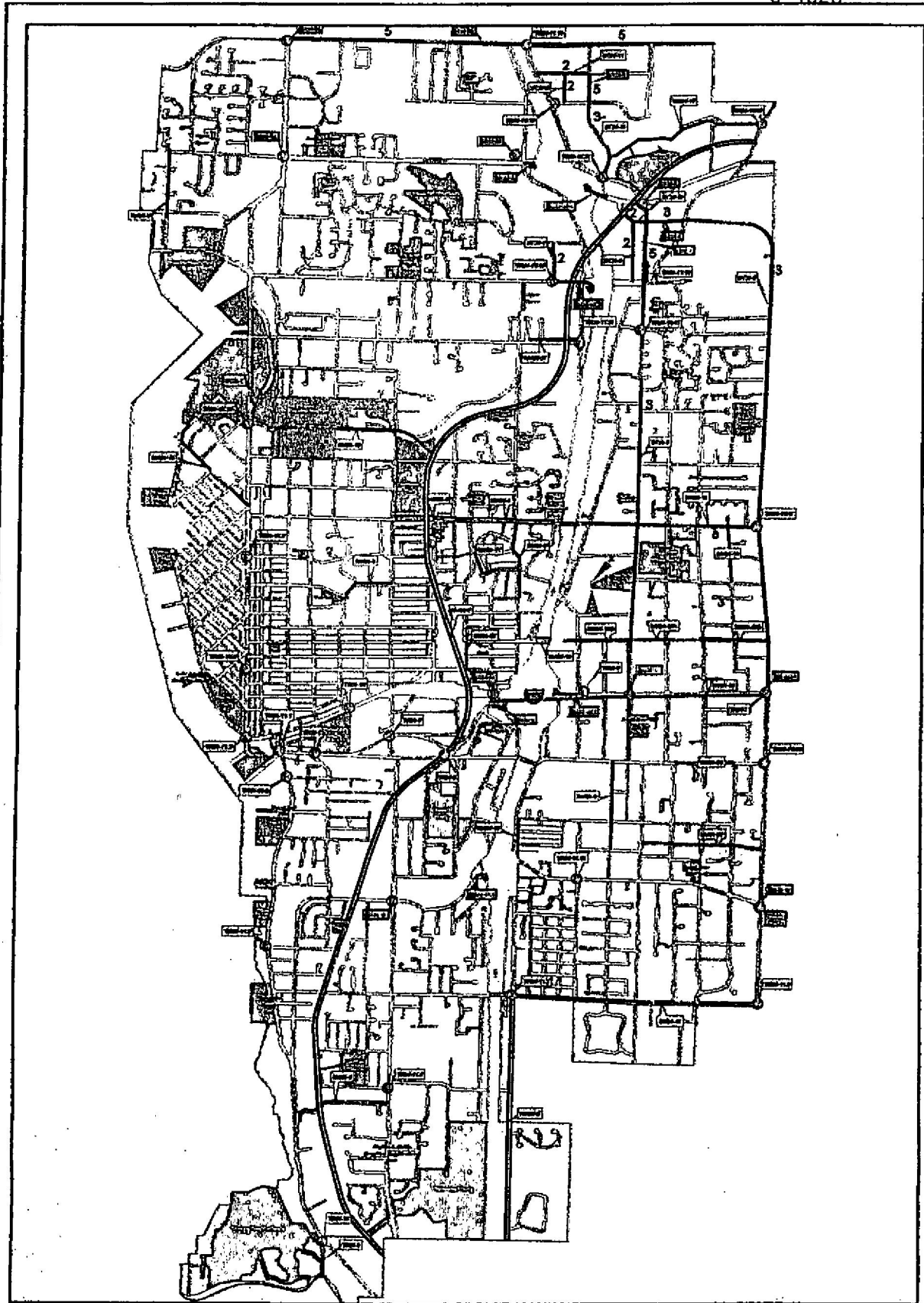
**Location:**

**Description:**

Intersection Improvements

NE 85<sup>th</sup> Street/132<sup>nd</sup> Ave NE

Construct a southbound to westbound right-turn lane, extend the southbound to eastbound left-turn pocket, and add a northbound to eastbound right-turn lane. Sound Transit will also add a westbound to northbound right-turn lane as a part of the project. Funded CIP project TR-0078, completion in 2006/2007.



**Legend**

Bike Lane	Queue Bypass Lane	Intersection
Bike/Ped Overpass	Sidewalk	Park
Bike/Ped Overpass Existing	Sidewalk/Bike Lane	2022 Project Identification
Bridge	Street	2021 Project Identification
# Number of Lanes		

N

1,050 525 0 1,050 2,100  
Foot

Scale 1" = 2,100 Feet

Produced by the City of Houston.  
© 2024, the City of Houston. All rights reserved.  
No warranty of any sort, including but not limited  
to accuracy, fitness or non-infringement, is made.

**Figure T-6: Transportation Project List**

# REVISED TABLE

0-4028

## City of Kirkland Transportation Element

Table T-6: State Routes

State Route		Posted Speed Limit	Number of Lanes	PM Peak Hour Two-way Traffic Volumes			WSDOT ACR-LOS		
				2005/2022	Roadway Capacity 2005/2022	Existing 2005 PM Peak Hour	Forecasted 2022 Traffic Volumes	Adopted LOS Standard	Existing 2005 V/C LOS
I-405									
From	To								
NE 39 <sup>a</sup> St	NE 70 <sup>a</sup> St	60	7/8	15,000/19,000	10,587	16,287	10	11	13
NE 70 <sup>a</sup> St	NE 85 <sup>a</sup> St	60	6/8	15,000/19,000	11,611	17,442	10	12	14
NE 85 <sup>a</sup> St	NE 116 <sup>a</sup> St	60	6/8	15,000/19,000	11,166	15,269	10	11	13
NE 116 <sup>a</sup> St	NE 124 <sup>a</sup> St	60	6/8	15,000/19,000	9,936	16,671	10	10	14
NE 124 <sup>a</sup> St	NE 132 <sup>a</sup> St	60	6/8	15,000/19,000	8,382	16,744	10	9	12
SR-908 (NE 85 <sup>a</sup> St)									
From	To								
SB-405 Ramp	NB-405 Ramp	35	5	4172	3849	5443	E-mitigate	0.92	1.16
NB-405 Ramp	120 <sup>a</sup> Ave NE	35	5	4172	3939	4841	E-mitigate	0.94	1.16
120 <sup>a</sup> Ave NE	122 <sup>a</sup> Ave NE	35	5	4000	3422	3760	E-mitigate	0.86	0.94
122 <sup>a</sup> Ave NE	124 <sup>a</sup> Ave NE	35	5	4000	3279	3410	E-mitigate	0.82	0.85
124 <sup>a</sup> Ave NE	126 <sup>a</sup> Ave NE	35	5	4000	3169	3713	E-mitigate	0.79	0.93
126 <sup>a</sup> Ave NE	128 <sup>a</sup> Ave NE	35	5	4000	3220	3387	E-mitigate	0.81	0.85
128 <sup>a</sup> Ave NE	132 <sup>a</sup> Ave NE	35	5	4000	3155	4128	E-mitigate	0.79	1.03

↑ ↑ Page IX-37

REVISED COLUMNS

# REVISED TABLE

Table T-7: Signalized State Route Intersections

Signalized State Route Intersections	PM Peak Hour Traffic Volumes		PM Peak Hour LOS			Planned Improvement Project
	Existing 2005	Future 2022	Existing 2005	Future 2022	Corresponding Letter Grade LOS for 2022	
I-405						
116 <sup>a</sup> Ave NE/NB Ramp	2338	2356	0.91	1.11	F	None
NE 72 <sup>a</sup> Place/SB Ramp	2434	3005	1.00	1.09	F	HOV Queue By-pass
NE 116 <sup>a</sup> St/NB Ramp	2454	2792	0.67	0.68	C	None
NE 124 <sup>a</sup> St/NB Ramp	3802	4425	0.66	0.95	E	HOV Queue By-pass
NE 124 <sup>a</sup> St/SB Ramp	4113	4749	0.66	0.81	D	HOV Queue By-pass
Totem Lake Blvd/120 <sup>a</sup> Ave NE	2782	3912	0.77	0.92	E	None
SR-908						
NE 85 <sup>a</sup> St/114 <sup>a</sup> Ave NE	3514	4803	0.86	1.02	F	Signal Interconnect, add SB left-turn lane
NE 85 <sup>a</sup> St/120 <sup>a</sup> Ave NE	3916	5175	0.89	1.18	F	Signal Interconnect, Add NB left-turn lane
NE 85 <sup>a</sup> St/122 <sup>a</sup> Ave NE	3691	4044	0.81	0.80	D	Signal Interconnect
NE 85 <sup>a</sup> St/124 <sup>a</sup> Ave NE	4068	4604	0.89	1.05	F	Signal Interconnect, Add EB left-turn lane
NE 85 <sup>a</sup> St/132 <sup>a</sup> Ave NE	4307	5481	0.99	1.18	F	Signal Interconnect, Add NB Right-turn Lane, SE Right-turn lane, WB Right turn lane, add WB & EB through-lanes

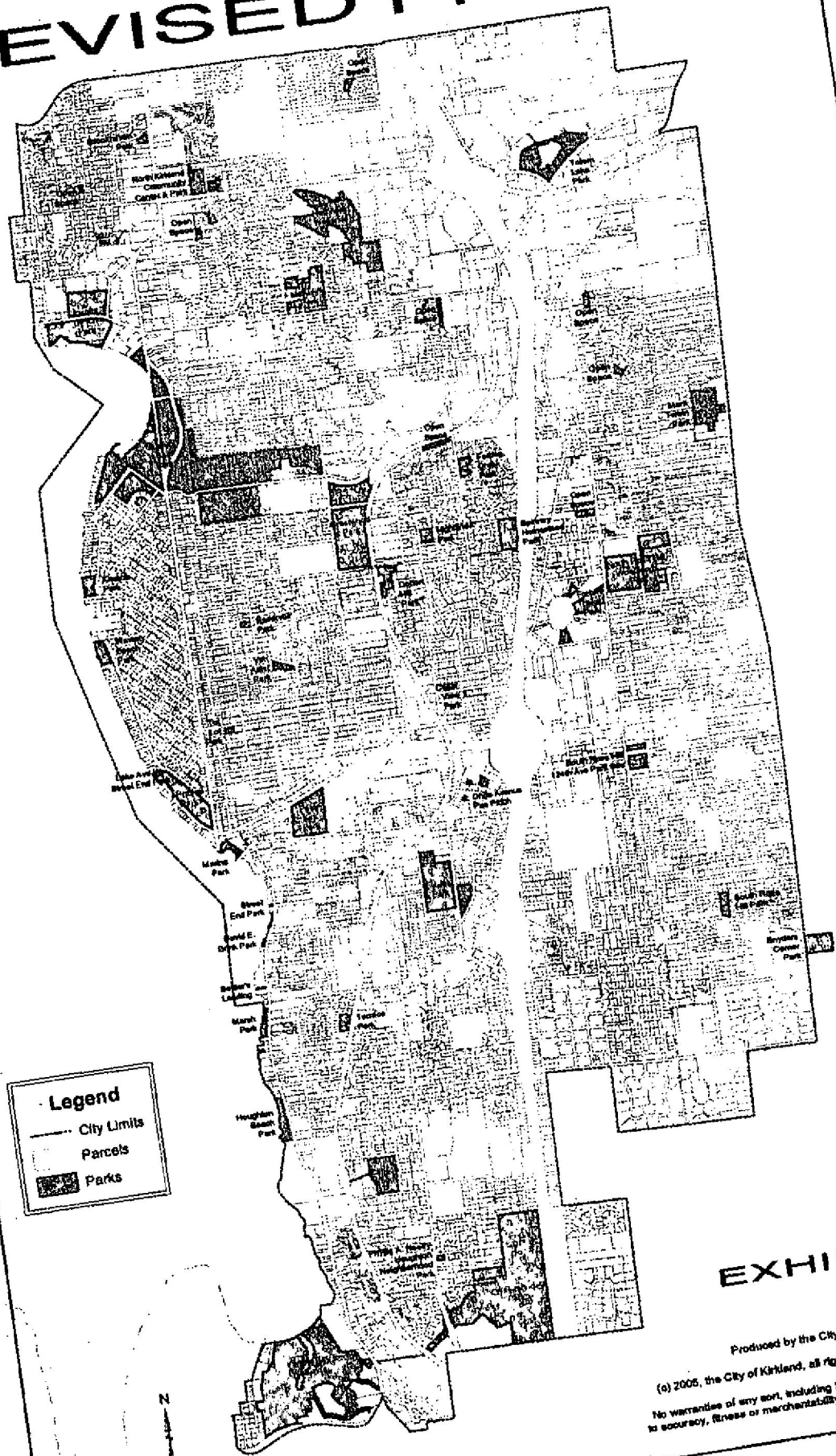
↑

↑

Page IX-38

REVISED COLUMNS

# REVISED FIGURE



### EXHIBIT C

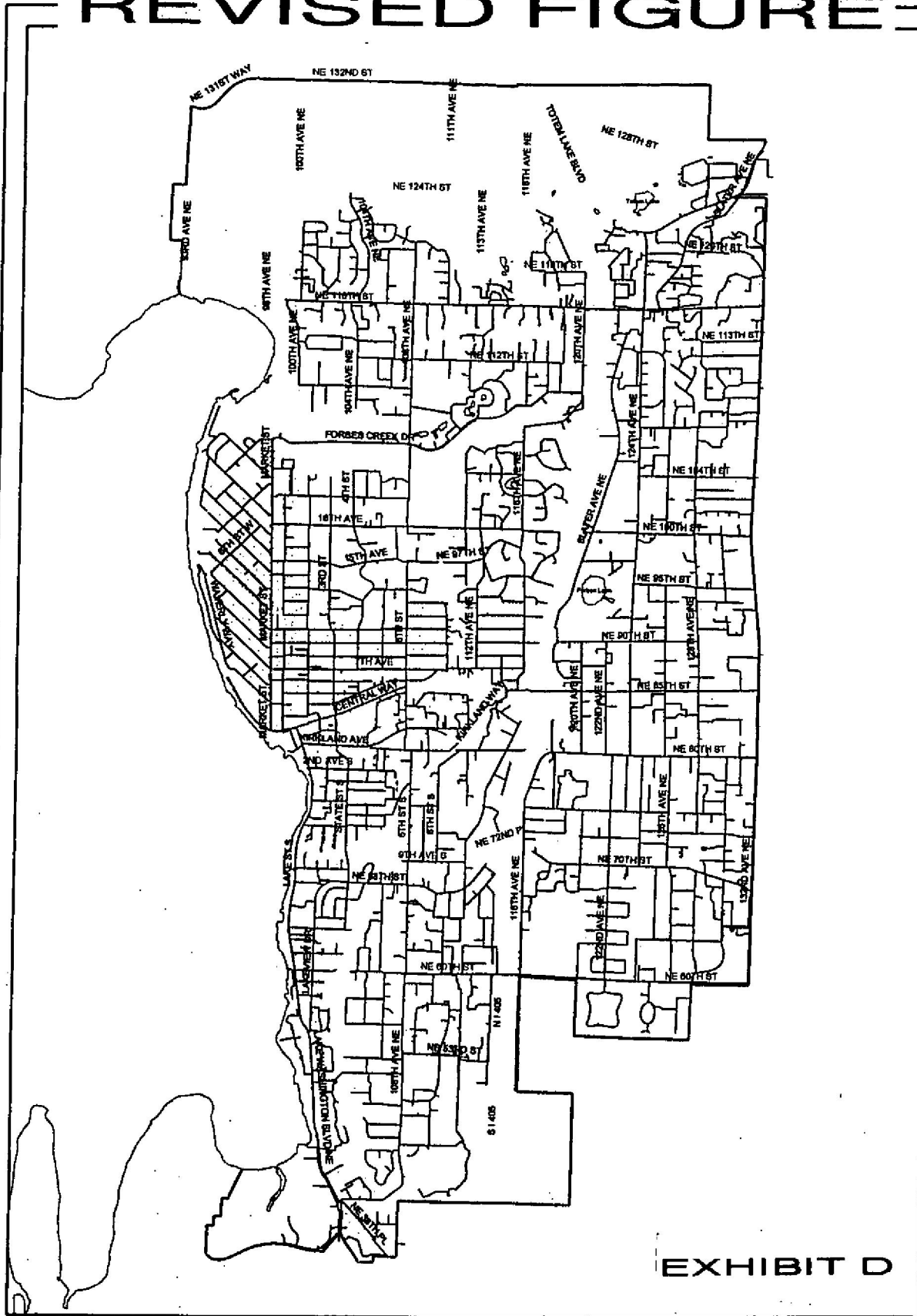
Produced by the City of Kirkland.  
(c) 2005, the City of Kirkland, all rights reserved.  
No warranties of any sort, including but not limited to accuracy, fitness or merchantability, accompany this product.



P X-11

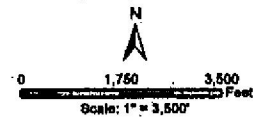
### Figure PR-1: Kirkland Parks

# REVISED FIGURE 0-4028



## EXHIBIT D

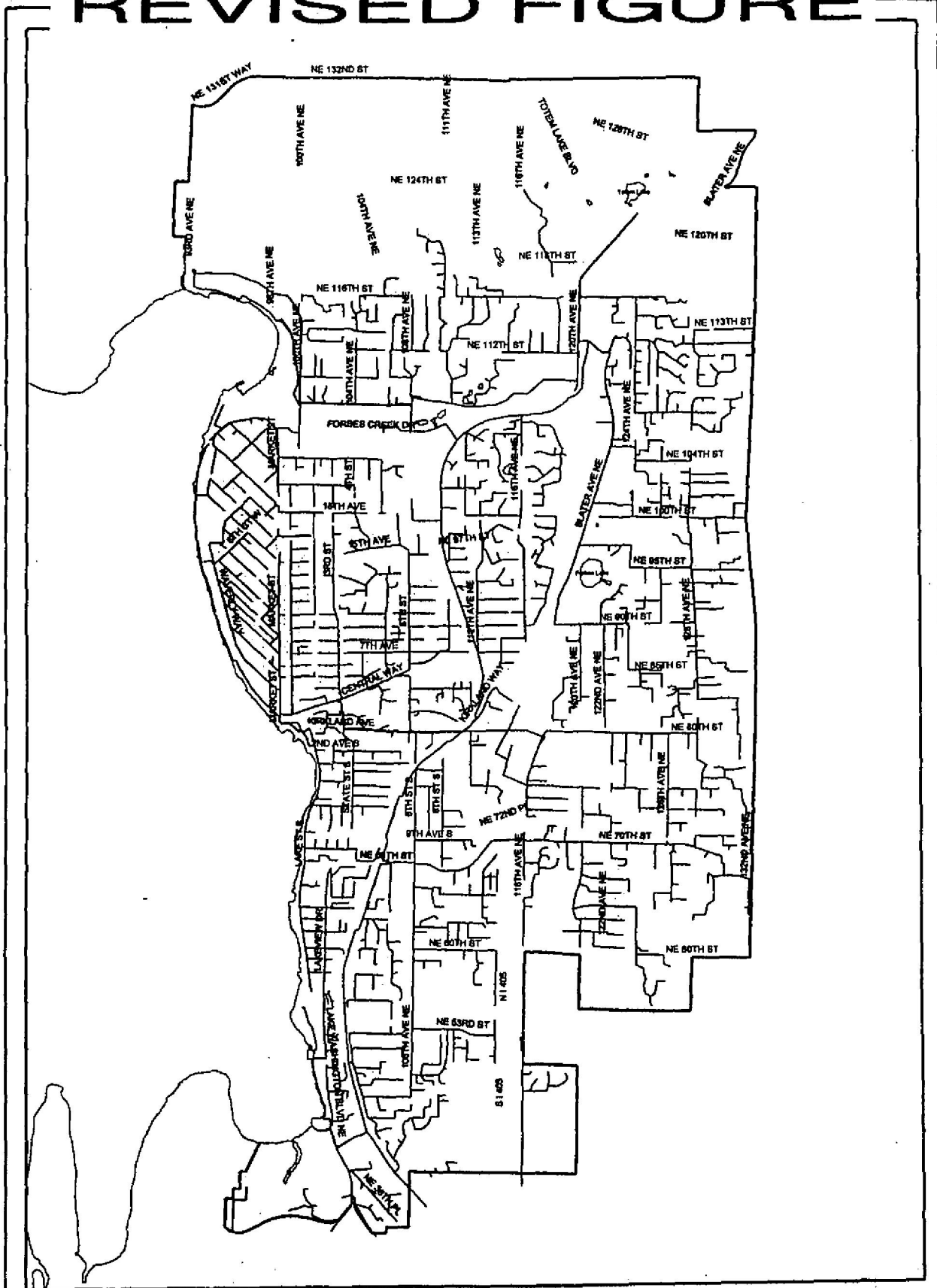
- Legend**
- Water Pipe
  - - - Right-of-Way
  - City of Kirkland
  - Lake



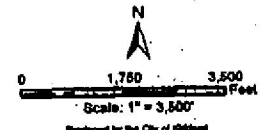
Produced by the City of Kirkland.  
 © 2005, the City of Kirkland, all rights reserved.  
 No warranty of any kind, including but not limited to accuracy, fitness or merchantability, accompany this product.

**Figure U-1: Water System**

# REVISED FIGURE



- Legend**
- Sanitary Sewer Pipe
  - - - Right-of-Way
  - ▭ City of Kirkland
  - ▭ Lake

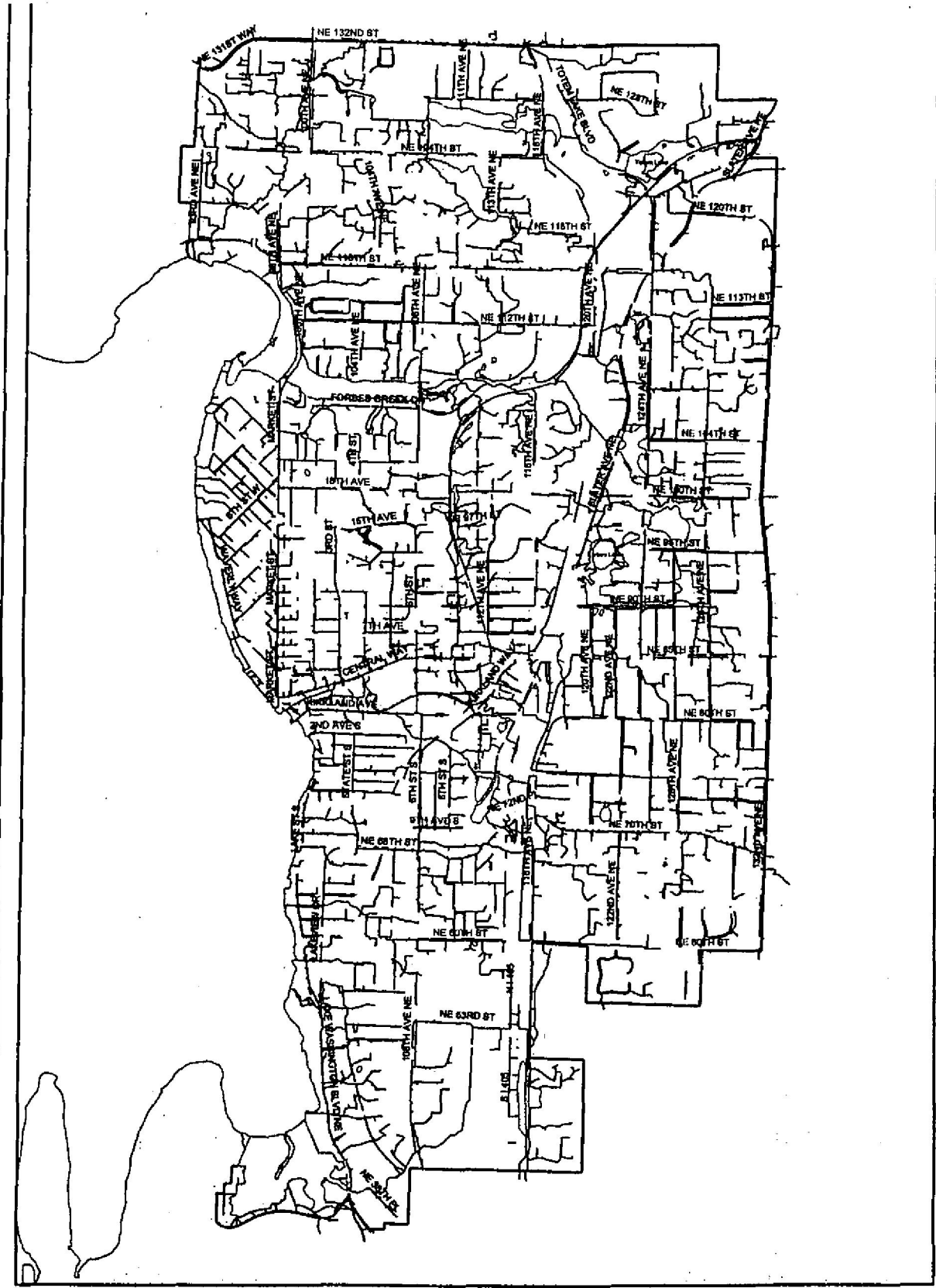


Prepared by the City of Kirkland  
 © 2005, the City of Kirkland. All rights reserved.  
 No warranty of any kind, including but not limited  
 to accuracy, is made or responsibility, accompany this product.

**Figure U-2: Sanitary Sewer System**

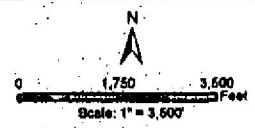


# REVISED FIGURE



**Legend**

- Storm Water Pipe
- Right-of-Way
- City of Kirkland
- Wetland
- Lake



Produced by the City of Kirkland.  
 © 2005, the City of Kirkland. All rights reserved.  
 No assurance is given that the information is accurate, complete, or up-to-date.

**Figure U-3: Surface Water Management System**

P-XI-5

**PROPOSED CHANGE****XIII. CAPITAL FACILITIES****Policy CF-5.10:**

Where appropriate, the City may use local improvement districts or latecomer fees to facilitate the installation of public facilities needed to service new development.

Some new development may be able to fulfill its obligation by creating a special district. Others may be required to build (or pay for) entire facilities (i.e., a new road) to serve their development, but they may recoup some of the cost from other subsequent development ("latecomers") that use the excess capacity created by the new public facility.

**CONSISTENCY WITH OTHER PLANS**

Many of Kirkland's public facilities and utilities are integrally connected with other local and regional systems, such as water, sewer, surface water management, and fire and emergency management. In addition, parts of Kirkland receive water and sewer service from separate utility districts.

The Growth Management Act requires close coordination among local, regional, and State plans and programs. This requirement assumes that each jurisdiction is part of a larger whole and that the actions of one affect and are affected by the actions of other jurisdictions.

**Goal CF-6: Ensure that the Capital Facilities Element is consistent with other City, local, regional, and State adopted plans.**

The following documents have been reviewed and taken into consideration during the development of the Capital Facilities Element. These are considered to be "functional or management plans." They are intended to be more detailed, often noting technical specifications and standards. They are designed to be an implementation tool rather than a policy-guiding document.

**Table CF-6  
Functional and Management Plans**

City of Kirkland Fire Protection Master Plan
City of Kirkland Comprehensive Water Plan
City of Kirkland Comprehensive Sewer Plan
City of Kirkland <del>2004-2009</del> Capital Improvement Programs <b>2006-2011</b>
Surface Water Master Plan
Nonmotorized Transportation Plan
Natural Resource Management Plan
Parks, Recreation and Open Space Plan
Downtown Strategic Plan
Housing Strategy Plan
King County Solid Waste Division Comprehensive Solid Waste Management Plan
Northshore Utility District Comprehensive Water Plan
Northshore Utility District Sewer and Water Plan Maps
Lake Washington School District Capital Facilities Plan

**Policy CF-6.1:**

In the event of any inconsistency between the City's Comprehensive Plan and a functional or management plan, the Comprehensive Plan will take precedence.

As required under the Growth Management Act, the Comprehensive Plan is the overall plan to which all other functional plans must be consistent. Table C-6 above lists the City's major functional and management plans. As functional and management plans are updated, they may result in proposed revisions to the Comprehensive Plan.

**EXHIBIT E**

# 0-4028

# REVISED TABLES

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

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2006	2007	2008	2009	2010	2011	Six-Year Total
Local	Surface Water Fees	529,000	760,200	304,300	649,200	479,500	73,000	2,795,200
Local	Real Estate Excise Tax	375,000	454,200	442,300	555,000	650,500	573,800	3,050,800
Local	Impact Fees	1,084,500	600,000	710,800	819,600	825,000	1,158,100	5,198,000
Local	Reserves	810,900	311,100	424,400	513,600	402,400	487,000	2,949,400
External	Sound Transit	368,000	297,700	194,000				859,700
External	Grants			2,121,800	3,278,000	2,845,300	579,600	8,824,700
External	Private	110,000	224,500		546,500			881,000
<b>Total Sources</b>		<b>3,277,400</b>	<b>2,647,700</b>	<b>4,197,600</b>	<b>6,361,900</b>	<b>5,202,700</b>	<b>2,871,500</b>	<b>24,558,800</b>

**USES OF FUNDS**

**Funded Projects**

Project Number	Project Title	2006	2007	2008	2009	2010	2011	Six-Year Total
ST 0057	NE 120th Street Roadway Extension (east section)		309,000	1,587,100	1,639,100	1,109,200		4,644,400
ST 0059	124th Ave NE Roadway Improvements (north section)		857,500	1,379,200	1,387,700			3,624,400
ST 0063	120th Avenue NE Roadway Improvements			392,500	1,693,600	3,104,200	992,400	6,182,700
NM 0036	NE 100th Street Bikelane						231,900	231,900
NM 0044	116th Avenue NE Sidewalk (Highlands)		103,000	233,300	273,100			609,400
NM 0049	112th Avenue NE Sidewalk					60,800	185,400	246,200
NM 0051	Rose Hill Business District Sidewalks	1,040,900	309,000					1,349,900
NM 0052	NE 73rd Street Sidewalk		81,400	123,000				204,400
NM 0053	NE 112th Street Sidewalk			82,700	122,400			205,100
NM 0054	13th Avenue Sidewalk (Phase II)				50,300	155,300		205,600
NM 0055	122nd Avenue NE Sidewalk				161,800	348,900	156,500	667,200
TR 0004	Kirkland Avenue/3rd Street Traffic Signal				358,500			358,500
TR 0065	6th Street/Kirkland Way Traffic Signal				406,500			406,500
TR 0070	NE 124th Street/124th Avenue NE Intersection Improvements	624,200						624,200
TR 0078	NE 85th Street/132nd Ave NE Intersection Improv. (Phase I)	530,400						530,400
TR 0079	NE 85th Street/114th Avenue NE Intersection Improvements	597,900						597,900
TR 0080	NE 85th Street/124th Avenue NE Intersection Improvements	374,000	351,300	240,700				966,000
TR 0082	Central Way /Park Place Center Traffic Signal	110,000	224,500					334,500
TR 0083	100th Ave NE/NE 132nd St Intersection Improvements					424,300	652,700	1,077,000
TR 0085	NE 68th St/108th Ave NE Intersection Improvements		412,000	159,100	268,900			840,000
TR 0086	NE 70th St/132nd Ave NE Intersection Improvements						652,600	652,600
<b>Total Funded Transportation Projects</b>		<b>3,277,400</b>	<b>2,647,700</b>	<b>4,197,600</b>	<b>6,361,900</b>	<b>5,202,700</b>	<b>2,871,500</b>	<b>24,558,800</b>

<b>SURPLUS (DEFICIT) of Resources</b>								
---------------------------------------	--	--	--	--	--	--	--	--

XIII. CAPITAL FACILITIES

0-4028

TABLE CF-9  
2022 Transportation Project List

Comp Plan ID Number	Project Description	Total Cost <sup>(1)</sup>	CIP Project Number	Funded In 6-yr CIP	Source Dec. <sup>(2)</sup>	Comp Plan Goal	2022 Concurrency Project
<b>Non-Motorized</b>							
NM20-1	Spinney Homestead/NE 100th Sidewalk, 111th Ave. NE to I-405	\$ 0.2	NM 0034		C, NM, SWRC	T-2	
NM20-2	116th Ave. NE Non-Motor Facilities (south), NE 60th St. to S. City Limits	\$ 1.9	NM 0001		C, NM, E	T-2	
NM20-3	13th Ave. Sidewalk (Phase II)	\$ 0.2	NM 0054	✓	C, NM, SWRC	T-2	
NM20-4	Crestwoods Park/BNSFRR Pad/Bike facility	\$ 1.0	NM 0031		C, NM	T-2	
NM20-5	93 Ave. NE Sidewalk, Juanita Dr. to NE 124th St.	\$ 0.4	NM 0032		C, NM	T-2	
NM20-6	NE 52nd St. Sidewalk	\$ 0.7	NM 0007		C, NM	T-2	
NM20-7	Cross Kirkland Trail	\$ 4.0	NM 0024		C, NM, E	T-2, T-8	
NM20-8	122nd Ave NE sidewalk	\$ 0.7	NM 0055	✓	C, NM	T-2	
NM20-9	116th Ave NE Sidewalk (Highlands)	\$ 0.6	NM 0044	✓	C, NM, SWRC	T-2	
NM20-10	NE 100th St. Bike lane, Slater Ave NE to 132nd Ave. NE	\$ 0.2	NM 0036	✓	C, NM	T-2	
NM20-11	NE 95th St Sidewalk (Highlands)	\$ 0.4	NM 0045		C, NM, SWRC	T-2	
NM20-12	18th Ave West Sidewalk	\$ 0.7	NM 0046		C, NM	T-2	
NM20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.2	NM 0047		C, NM	T-2	
NM20-14	130th Ave. NE Sidewalk	\$ 0.3	NM 0037		C, NM, SWRC	T-2	
NM20-15	NE 90th St. Bicycle/Pedestrian Overpass Across I-405	\$ 3.4	NM 0056		C, NM	T-2	
NM20-16A	NE 90th St. Sidewalk, 124th Ave. NE to 128th Ave. NE	\$ 0.6	NM 0026		C, NM	T-2	
NM20-16B	NE 90th St. Sidewalk, 120th Ave NE. to 124th Ave NE & 128th Ave NE to 132nd Ave NE	\$ 0.7	NM 0026		C, NM	T-2	
NM20-17	NE 60th St Sidewalk	\$ 1.6	NM 0048		C, NM	T-2	
NM20-18	Forbes Valley Pedestrian Facility	\$ 1.0	NM 0041		C, NM	T-2	
NM20-19	NE 126th St Non-motorized facilities	\$ 2.3	NM 0043		C, TL	T-2	
NM20-20	Crosswalk Upgrades (various locations)	\$ 0.7	NM 0012	✓	C, NM	T-2	
NM20-21	Annual Pedestrian Improvements (various locations)	\$ 34.5	various		NM	T-2	
NM20-22	Annual Bicycle Improvements (various locations)	\$ 2.4	various		NM	T-2	
NM20-23	112th Ave NE Sidewalk	\$ 0.2	NM 0049	✓	C, NM	T-2	
NM20-24	NE 80th St Sidewalk	\$ 0.3	NM 0050		C, NM, SWRC	T-2	
NM20-25	Rose Hill Business District Sidewalks	\$ 1.3	NM 0051	✓	C, NM	T-2	
NM20-26	NE 73rd Street Sidewalk	\$ 0.2	NM 0052	✓	C, NM	T-2	
NM20-27	NE 112th Street Sidewalk	\$ 0.2	NM 0053	✓	C, NM	T-2	
NM20-28	Annual Sidewalk Maintenance Program	\$ 3.4	NM 0057	✓	C, NM	T-2	
<b>SUBTOTAL</b>		<b>\$54.3</b>					
<b>Street</b>							
ST20-1	116th Ave. NE Road Extension, NE 116th to NE 118th St. (2 in)	\$ 3.7	ST 0060		C, TL	T-4	
ST20-2	119th Ave. NE Road Extension, NE 128th St. to NE 130th St. (2 in)	\$ 3.1	ST 0061		C, TL	T-4	
ST20-3	120th Ave. NE Road Improvement, NE 128th St. to NE 132 St. (5 in)	\$ 6.2	ST 0063	✓	C	T-1, T-4	✓
ST20-4	124th Ave. NE Road Improvement, NE 116th St. to NE 124th St. (5 in)	\$ 3.6	ST 0059	✓	C	T-1, T-4	✓
ST20-5	124th Ave. NE Road Improvement, NE 85th St. to NE 116th St. (3 in)	\$ 18.0	ST 0064		C, E	T-4	
ST20-6	132nd Ave. NE Road Improvement, NE 85th St. to Slater Ave. NE (3 in)	\$ 15.0	ST 0056		C	T-4	
ST20-7	98th Ave. NE Bridge Replacement at Forbes Creek (2 in)	\$ 5.6	ST 0055		C	T-4	
ST20-8	120th Ave NE Road Extension, NE 116th St north to BNSFRR XING (2 in)	\$ 11.0	ST 0073		TL	T-4	
ST20-9	NE 120th St. Road Extension (east), Slater Ave. NE to 124th Ave. NE (3 in)	\$ 4.6	ST 0057	✓	C, E	T-1, T-4	✓
ST20-10	120th Ave. NE Traffic Calming, Totem Lake Blvd. to NE 128th St. (3 in)	\$ 0.5	ST 0070	✓	TL	T-4	
ST20-11	NE 130th St. Road Extension, Totem Lake Blvd. to 120th Ave. NE (2 in)	\$ 5.5	ST 0062		C	T-4	
ST20-12	NE 132nd St. Road Improvement, 100th Ave NE to 132nd Ave NE (5 in TOTAL COST))	\$ 27.5	ST 0058		C, E, TL	T-1, T-4, T-8	✓
ST20-13	NE 120th St. Road extension (west), 124th Ave NE to BNSFRR XING (2 in)	\$ 3.2	ST 0072		TL	T-4	
ST20-14	Annual Street Preservation Program (various locations)	\$ 30.6	ST 0006	✓	C	T-4	
<b>SUBTOTAL</b>		<b>\$ 138.1</b>					
<b>Traffic/Intersection</b>							
TR20-1	Kirkland Ave/3rd St. Traffic Signal	\$ 0.4	TR 0004	✓	C	T-4	
TR20-2	Kirkland Way/BNSFRR Abutment/Intersection Improvements	\$ 3.7	TR 0067		C, NM	T-4, T-2	
TR20-3	6th Street/Kirkland Way Traffic Signal	\$ 0.4	TR 0065	✓	C	T-4	
TR20-4	NE 124th St./124th Ave NE Intersection Improvements	\$ 0.6	TR 0070	✓	C	T-1, T-4	✓
TR20-5	NE 124th St./I-405 queue Bypass @ I-405, EB to SB	\$ 1.0	TR 0057		C	T-1, T-4, T-5	✓
TR20-6	NE 85th St/120th Ave NE Intersection Improvements	\$ 1.4	TR 0088		II	BKR, T-1, T-4	
TR20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$ 1.0	TR 0089		II	BKR, T-1, T-4	
TR20-8	NE 85th St. HOV/I-405 queue Bypass @ I-405, EB to SB	\$ 0.5	TR 0056		C	T-1, T-4, T-5	✓
TR20-9	Lk. Wash Blvd. /Northrup Way queue bypass southbound to westbound	\$ 3.4	TR 0068		C	T-4	
TR 20-10.1	NE 116th St./ I-405 queue by-pass EB to SB	\$ 4.0	TR 0072		C	T-1, T-4, T-5	✓
TR 20-10.2	NE 85th St./ I-405 queue by-pass WB to NB	\$ 1.0	TR 0074		C	T-1, T-4, T-5	✓
TR 20-10.3	NE 70th St./ I-405 queue by-pass EB to SB	\$ 0.9	TR 0073		C	T-1, T-4, T-5	✓
TR 20-10.4	NE 124th St. / I-405 queue by-pass WB to NB	\$ 0.7	TR 0075		C	T-1, T-4, T-5	✓

XIII-17 418

(1) '05 est in mill; funded projects are indexed for inflation (2) C=CIP, NM=Non-Cap. lct, E=Eastside Trans. Ptn, SWRC=School Walk Route, TL= Totem Lake, BKR=Bellevue/Kirkland/Redmond model, II= Intersect Initiative, P20= 20 yr list

TABLE CF-9  
2022 Transportation Project List

Comp Plan ID Number	Project Description	Total Cost <sup>(1)</sup>	CIP Project Number	Funded In 6-yr CIP	Source Dec. <sup>(2)</sup>	Comp Plan Goal	2022 Concurrency Project
TR 20-11.1	Kirkland Avenue/Lake Street S	\$ 0.3			P20	T-4	
TR 20-11.2	Lake Street S./2nd Avenue S	\$ 0.3			P20	T-4	
TR 20-11.3	Market Street/Central Way	\$ 0.3			P20	T-4	
TR 20-11.4	Market Street/7th Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.5	Market Street/15th Avenue	\$ 0.3			P20	T-4	
TR 20-11.6	NE 53rd Street/108th Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.7	NE 60th Street/116th Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.8	NE 60th Street/132nd Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.9	NE 64th Street/Lake Washington Blvd.	\$ 0.3			P20	T-4	
TR 20-11.10	NE 70th Street/120th Avenue or 122nd Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.11	NE 80th Street/132nd Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.12	NE 112th Street/124th Avenue NE	\$ 0.3			P20	T-4	
TR 20-11.13	NE 116th Street/118th Street NE	\$ 0.3			P20	T-4	
TR 20-11.14	NE 116th Street/124th Avenue NE Xlend NB TR	\$ 0.2			P20	T-4	
TR 20-11.15	NE 126th Street/132nd Place NE	\$ 0.3			P20	T-4	
TR 20-11.16	NE 128th Street/ Totem Lake Boulevard	\$ 0.3			P20	T-4	
TR 20-11.17	NE 100th Street/132nd Ave NE	\$ 0.2			P20	T-4	
TR 20-11.18	NE 132nd Street/Totem Lake Boulevard	\$ 0.2			P20	T-4	
TR 20-11.19	Market Street and Forbes Creek Drive	\$ 0.2			P20	T-4	
TR 20-11.20	NE 112th Street/120th Ave NE	\$ 0.3			P20	T-4	
TR 20-11.21	Totem Lake Boulevard/ 120th Ave NE	\$ 0.2			P20	T-4	
TR20-12	NE 85th St/114th Ave NE Intersection Improvements	\$ 0.6	TR 0079	✓	C	BKR, T-1, T-4	✓
TR20-13	NE 85th St/124th Ave NE Intersection Improvements	\$ 1.0	TR 0080	✓	C	BKR, T-1, T-4	✓
TR20-14	Central Way/Park Place Center Traffic Signal	\$ 0.3	TR 0082	✓	C	T-4	
TR20-15	100th Ave NE/NE 132nd St Intersection Improvements	\$ 1.1	TR 0083	✓	C	BKR, T-1, T-4	✓
TR20-16	100th Ave NE/NE 124th St Intersection Improvements	\$ 0.5	TR 0084	✓	C	T-4	✓
TR20-17	NE 68th St/108th Ave NE Intersection Improvements	\$ 0.8	TR 0085	✓	II	T-4	✓
TR20-18	NE 70th St/132nd Ave NE Intersection Improvements	\$ 0.7	TR 0086	✓	C	BKR, T-1, T-4	✓
TR20-19	Lake Washington Blvd/NE 38th Pl Intersection Improvements	\$ 1.7	TR 0090	✓	II	BKR, T-1, T-4	✓
TR20-20	NE 85th St/132nd Ave NE Intersection Improvements	\$ 0.5	TR 0078	✓	II	BKR, T-1, T-4	✓
<b>SUBTOTAL</b>		<b>\$ 32.0</b>					

P-XIII-19

2022 TRANSPORTATION PROJECT LIST TOTAL →

\$ 234.4

[1] '05 est in mill; funded projects are indexed for inflation [2] C=CIP, NM=Non-Cap list, E=Eastside Trans Plan, SWRC=School Walk Route, TL= Totem Lake, BKR=Bellvue/Kirkland/Redmond model, II= Intersect in Bathys, P20= 20 yr list

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

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2006	2007	2008	2009	2010	2011	Six-Year Total
Local	Water and Sanitary Sewer Utility Rates	1,689,000	2,403,600	2,368,000	2,165,600	2,356,700	2,414,900	13,397,800
Local	Reserves		1,000,000		1,000,000		1,000,000	3,000,000
<b>Total Sources</b>		<b>1,689,000</b>	<b>3,403,600</b>	<b>2,368,000</b>	<b>3,165,600</b>	<b>2,356,700</b>	<b>3,414,900</b>	<b>16,397,800</b>

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

Project Number	Project Title	2006	2007	2008	2009	2010	2011	Six-Year Total
WA 0051	7th Avenue/114th Avenue Watermain Replacement	380,000	344,000					724,000
WA 0058	NE 75th Street/130th Avenue NE Watermain Replc.						634,100	634,100
WA 0078	NE 85th St/132nd Ave NE Watermain Replacement		236,900	1,061,000	983,500	337,600		2,619,000
WA 0090	Emergency Sewer Program Watermain Replacement		50,000		50,000		50,000	150,000
WA 0096	NE 83rd St Watermain Replacement				32,800	202,600		235,400
WA 0097	120th Ave NE Watermain Replacement					251,000		251,000
WA 0098	126th Ave NE Watermain Replacement					462,500		462,500
WA 0099	Alexander Ave Watermain Replacement						211,000	211,000
WA 0101	108th Ave NE Watermain Replacement		274,000					274,000
WA 0102	104th Ave NE Watermain Replacement						374,500	374,500
WA 0103	NE 113th Pl Watermain Replacement			193,000				193,000
WA 0105	124th Ave Watermain Replacement		249,300					249,300
WA 0110	105th Ave NE/106th Ave NE Watermain Replacement	200,000	126,700					326,700
SS 0046	Market Street Sewermain Replacement		206,000	801,000	218,500			1,225,500
SS 0050	NE 80th Street Sewermain Replacement	240,000	916,700	196,300				1,353,000
SS 0051	6th Street South Sewermain Replacement						391,800	391,800
SS 0052	108th Ave NE Sewermain Replacement						753,500	753,500
SS 0056	Emergency Sewer Construction Program		1,000,000		1,000,000		1,000,000	3,000,000
SS 0060	Trend Lift Station Elimination	869,000						869,000
SS 0062	NE 108th Street Sewermain Replacement/Rehabilitation				699,400	792,300		1,491,700
SS 0063	NE 53rd Street Sewermain Replacement			116,700	181,400			298,100
SS 0064	7th Avenue South Sewermain Replacement					310,700		310,700
<b>Total Funded Utility Projects</b>		<b>1,689,000</b>	<b>3,403,600</b>	<b>2,368,000</b>	<b>3,165,600</b>	<b>2,356,700</b>	<b>3,414,900</b>	<b>16,397,800</b>

<b>SURPLUS (DEFICIT) of Resources</b>	-	-	-	-	-	-	-	-
---------------------------------------	---	---	---	---	---	---	---	---

P-XII-20

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

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2006	2007	2008	2009	2010	2011	Six-Year Total
Local	Surface Water Utility Rates	659,000	1,067,700	994,100	810,800	817,300	728,000	5,076,900
<b>Total Sources</b>		<b>659,000</b>	<b>1,067,700</b>	<b>994,100</b>	<b>810,800</b>	<b>817,300</b>	<b>728,000</b>	<b>5,076,900</b>

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

Project Number	Project Title	2006	2007	2008	2009	2010	2011	Six-Year Total
SD 0025	NE 85th Street Detention and Sediment Control	200,000	339,400					539,400
SD 0029	124th Ave NE/NE 124th St Water Quality Treatment	175,000	450,200					625,200
SD 0033	NE 90th Street/120th Ave NE Sediment Control	184,000						184,000
SD 0041	NE 125th Place/95th Ave NE Sediment Pond Restoration	45,000	144,200					189,200
SD 0043	124th Ave NE/NE 100th Pl Drainage Improvements	55,000						55,000
SD 0045	Carillon Woods Erosion Control Measures			237,600				237,600
SD 0046	Regional Detention in Forbes & Juanita Creek Basins						347,800	347,800
SD 0048	Cochran Springs/Lk Washington Blvd Crossing Enhancements				311,500	529,000	212,100	1,052,600
SD 0049	Forbes Creek/108th Ave NE Fish Passage Improvements				155,100			155,100
SD 0050	NE 95th St/126th Ave NE Flood Control Measures						52,100	52,100
SD 0052	Forbes Creek/Slater Ave Bank Stabilization				16,400	44,000		60,400
SD 0054	Forbes Creek/BNSFRR Fish Passage Improvements		51,500	173,000				224,500
SD 0058	Surface Water Sediment Pond Reclamation (Phase II)						69,600	69,600
SD 0059	Totem Lake Blvd Flood Control Measures		82,400	583,500	327,800	244,300		1,238,000
SD 0062	Stream Flood Control Measures at Post Office						46,400	46,400
<b>Total Funded Surface Water Utility Projects</b>		<b>659,000</b>	<b>1,067,700</b>	<b>994,100</b>	<b>810,800</b>	<b>817,300</b>	<b>728,000</b>	<b>5,076,900</b>

<b>SURPLUS (DEFICIT) of Resources</b>								
---------------------------------------	--	--	--	--	--	--	--	--

XIII-21

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

**SOURCES OF FUNDS**

Revenue Type	Revenue Source	2006	2007	2008	2009	2010	2011	Six-Year Total
Local	Real Estate Excise Tax		249,000	50,000		577,400	279,600	1,156,000
Local	Reserves	100,000	180,000				300,000	580,000
<b>Total Sources</b>		<b>100,000</b>	<b>429,000</b>	<b>50,000</b>	<b>-</b>	<b>577,400</b>	<b>579,600</b>	<b>1,736,000</b>

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

Project Number	Project Title	2006	2007	2008	2009	2010	2011	Six-Year Total
PK 0049	Open Space and Park Land Acq Grant Match Program	100,000						100,000
PK 0056	Forbes Lake Park Development			50,000		577,400		627,400
PK 0091	South Rose Hill (north) Neighborhood Park Development		429,000					429,000
PK 0099	N. Juanita Neigh. Park Acquisition/Development (Phase I)						579,600	579,600
<b>Total Funded Parks Projects</b>		<b>100,000</b>	<b>429,000</b>	<b>50,000</b>	<b>-</b>	<b>577,400</b>	<b>579,600</b>	<b>1,736,000</b>

<b>SURPLUS (DEFICIT) of Resources</b>	-	-	-	-	-	-	-	-
---------------------------------------	---	---	---	---	---	---	---	---

p. XIII-22



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

**SOURCES OF FUNDS**

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>Six-Year Total</i>
Local	Interest Income	73,000	217,759	217,905	160,308	115,048	105,777	889,797
Local	Reserves	216,883						216,883
External	Fire District #41	107,217	80,541	80,595	59,292	42,552	39,123	409,320
<i>Total Sources</i>		<i>397,100</i>	<i>298,300</i>	<i>298,500</i>	<i>219,600</i>	<i>157,600</i>	<i>144,900</i>	<i>1,516,000</i>

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

<i>Project Number</i>	<i>Project Title</i>	<i>2006</i>	<i>2007</i>	<i>2008</i>	<i>2009</i>	<i>2010</i>	<i>2011</i>	<i>Six-Year Total</i>
PS 0024	Fire Rescue Boat		225,100					225,100
PS 0025	Water Rescue Boat		73,200					73,200
PS 0055	Fire Paging and Alerting Systems	100,000						100,000
PS 0058	Special Operations Vehicle (vehicle upgrade)	297,100						297,100
PS 0059	Quick Attack Reduced Access Vehicle			298,500				298,500
PS 0061	Mobile Data Computers				219,600			219,600
PS 0062	Defibrillator Unit Replacement						144,900	144,900
PS 0063	Breathing Air Fill Station Replacement					157,600		157,600
<i>Total Funded Fire and Building Projects</i>		<i>397,100</i>	<i>298,300</i>	<i>298,500</i>	<i>219,600</i>	<i>157,600</i>	<i>144,900</i>	<i>1,516,000</i>

<i>SURPLUS (DEFICIT) of Resources</i>	-	-	-	-	-	-	-	-
---------------------------------------	---	---	---	---	---	---	---	---

XIII-23

# Proposed change <sup>0-4028</sup>

## XV.D. MOSS BAY NEIGHBORHOOD

### 4. PERIMETER AREAS

low

#### *Land use in Subarea A discussed.*

Land contained in Subarea A lies south of the Downtown area, east of Lake Street, and west of State Street. This land is designated for high-density development due to its nearness to the Downtown and adjacency to Lake Street.

#### *Land use in Subarea B discussed.*

The lands along State Street are designated as Subarea B. Much of this land is already developed with office uses making future office development also appropriate. Multifamily development should also be allowed due to its compatibility with offices and adjacent residential uses. Such multifamily development should occur at a density of 12 dwelling units per acre.

#### *Standards for future professional office development along State Street are listed.*

Future professional offices along State Street should locate only north of 7th Avenue South, in order to encourage a compact office corridor. The standards pertaining to office development should be as follows:

- (1) The hours of operation should be limited if noise or other adverse conditions would impact nearby residential uses.
- (2) Structures should generally be limited to one story in height in order to preserve the visual character of this residential neighborhood. Two-story structures may be permitted if their overall bulk is limited.
- (3) Parking should be visually screened from adjacent residential uses. Driveways are not to be located adjacent to residential uses.
- (4) Appropriate landscaping should be required to visually integrate office buildings with the residential character of the surrounding area.
- (5) Free-standing signs should not be allowed.

#### *Land use in Subarea C discussed.*

Subarea C located west of State Street and south of the Downtown contains a pocket of single-family homes which should be maintained as ~~modern~~ density residential. This will help preserve the housing stock of dwelling units close to the Downtown for low- and fixed-income people.

#### *High-density residential uses to be permitted in Subarea D with improvements to public facilities.*

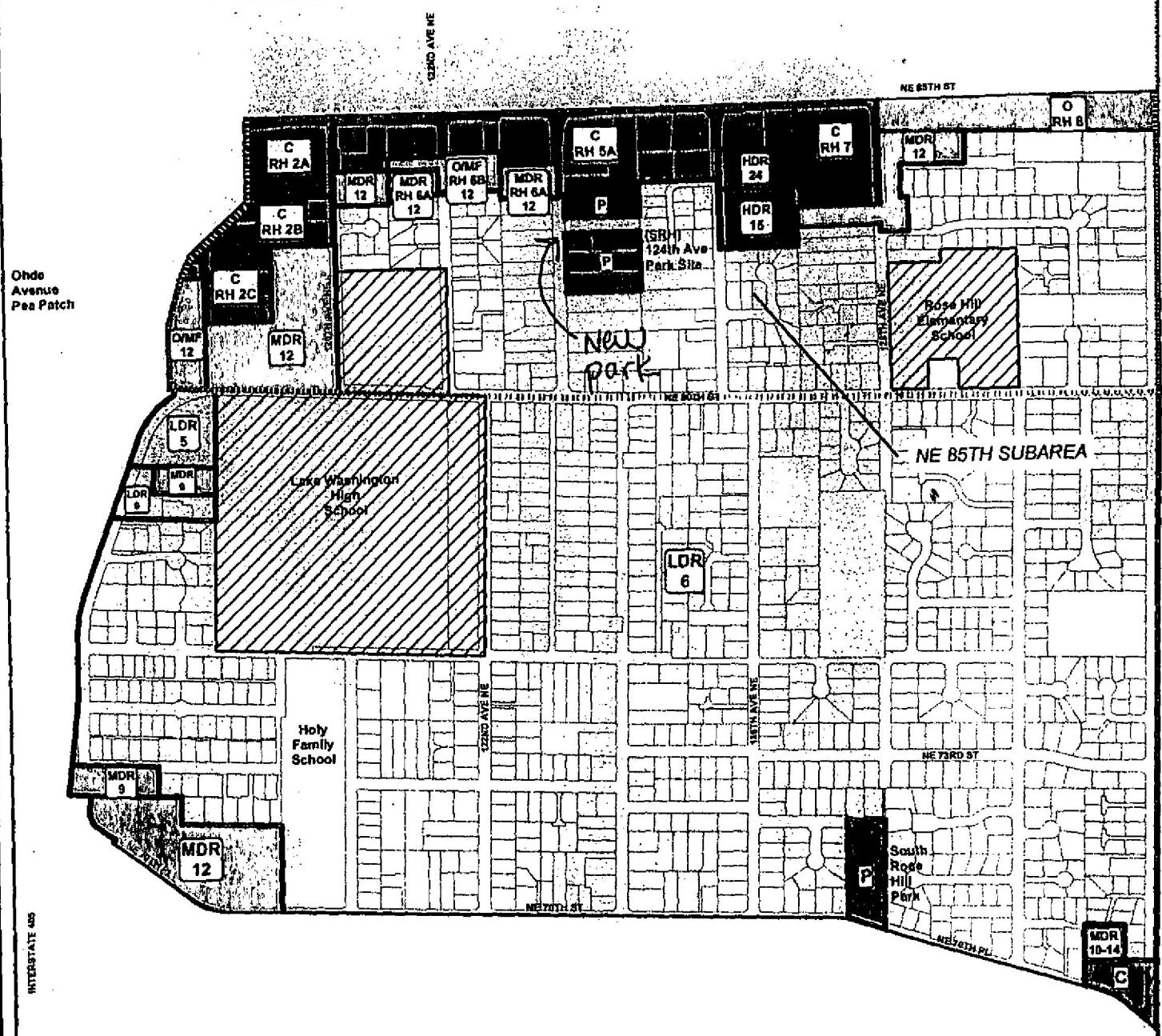
Subarea D is roughly bounded on the west by properties fronting on State Street, on the east by the railroad, on the north by the Downtown, and on the south by the midblock between 6th Avenue and 5th Avenue South (see Figure C-2). The subarea is residential area between a mixture of commercial and residential uses to the west and industrial activities to the east. There are single-family and multifamily units of varied densities intermingled. The area has been long designated for multifamily use and has been going through a period of transition.

Subarea D is designated for medium-density residential (up to 12 dwelling units per acre). The future development potential for Subarea D is considerable, given the amount of vacant or undeveloped land, particularly in the northern third of the subarea. Because of its close proximity to existing high-density residential development residential densities up to 24 dwelling units per acre may be appropriate. The area, however, now lacks adequate public facilities, such as sewers, water sidewalks, and streets to support higher densities. Until these facilities are adequately upgraded development should be limited to medium density (12 dwelling units per acre). In addition, multifamily development should be regulated to ensure compatibility with existing single-family homes within and bordering this area.

EXHIBIT F

# REVISED MAP

0-4028



**LAND USE CODES**

- C - COMMERCIAL
- IND - INDUSTRIAL
- LMP - LIGHT MANUFACTURING PARK
- O - OFFICE
- O/MF - OFFICE/MULTI-FAMILY
- HDR - HIGH DENSITY RESIDENTIAL
- MDR - MEDIUM DENSITY RESIDENTIAL
- LDR - LOW DENSITY RESIDENTIAL
- I - INSTITUTIONS
- P - PARK/OPEN SPACE
- BP - BUSINESS PARK
- RH - ROSE HILL BUSINESS DISTRICT
- NRH - N. ROSE HILL BUSINESS DISTRICT
- JBD - JUANITA BUSINESS DISTRICT

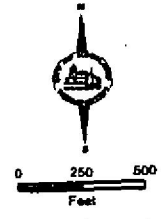
## EXHIBIT G

Figure SRH-3: South Rose Hill Land Use

### South Rose Hill Neighborhood Land Use Map

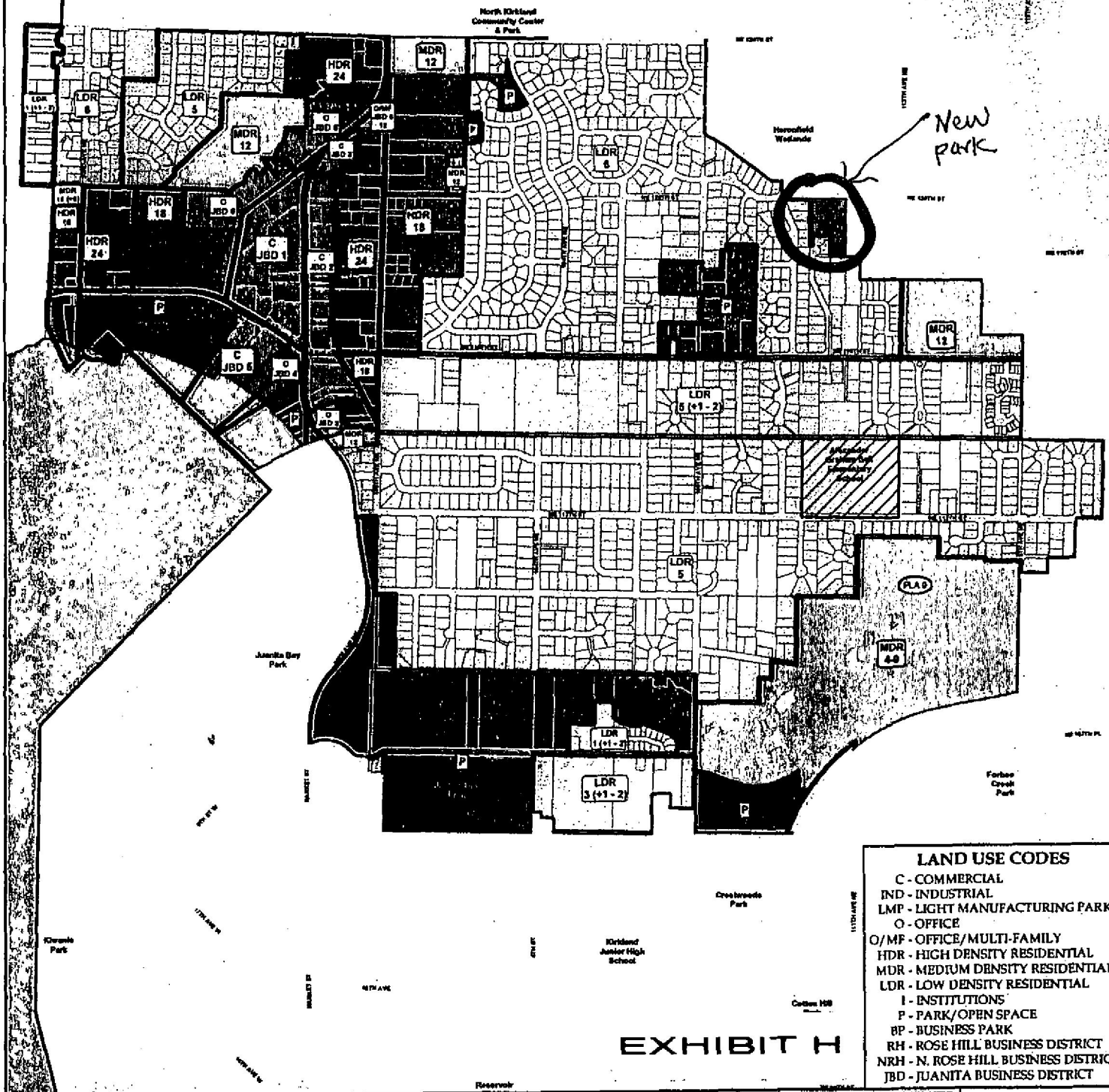
LAND USE BOUNDARIES	PUBLIC FACILITIES
PLANNED AREA NUMBER	PARCEL BOUNDARIES
SUBAREA BOUNDARY	LAND USE CODE DENSITY (UNITS/ACRE)
TOTEM CENTER	

NOTE: WHERE NOT SHOWN, NO DENSITY SPECIFIED  
\* INDICATES CLUSTERED LOW DENSITY



Map produced March 10, 2005.  
Produced by the City of Kirkland. © 2005, the City of Kirkland, all rights reserved.  
No warranties of any sort, including but not limited to accuracy, fitness or merchantability, accompany this product.

# REVISED MAP



**LAND USE CODES**

- C - COMMERCIAL
- IND - INDUSTRIAL
- LMP - LIGHT MANUFACTURING PARK
- O - OFFICE
- O/MF - OFFICE/MULTI-FAMILY
- HDR - HIGH DENSITY RESIDENTIAL
- MDR - MEDIUM DENSITY RESIDENTIAL
- LDR - LOW DENSITY RESIDENTIAL
- I - INSTITUTIONS
- P - PARK/OPEN SPACE
- BP - BUSINESS PARK
- RH - ROSE HILL BUSINESS DISTRICT
- NRH - N. ROSE HILL BUSINESS DISTRICT
- JBD - JUANITA BUSINESS DISTRICT

## EXHIBIT H

### South Juanita Neighborhood Land Use Map

Figure J-2b

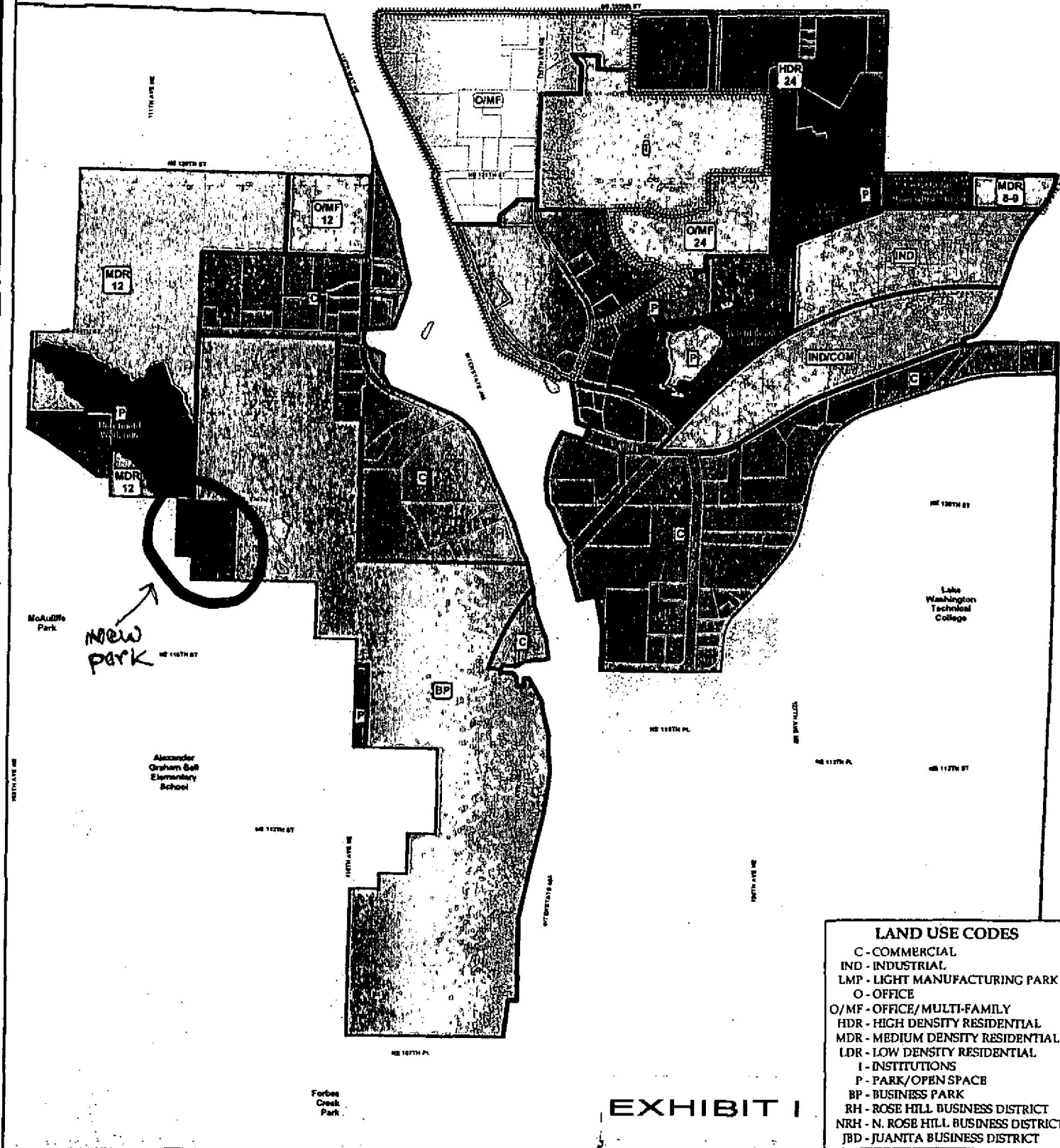
	LAND USE BOUNDARIES		PUBLIC FACILITIES
	PLANNED AREA NUMBER		PARCEL BOUNDARIES
	SUBAREA BOUNDARY		LAND USE CODE
	TOTEM CENTER		DENSITY (UNITS/ACRE)

NOTE: WHERE NOT SHOWN, NO DENSITY SPECIFIED  
\*INDICATES CLUSTERED LOW DENSITY



Map produced March 10, 2005.  
Produced by the City of Kirkland. (c) 2005, the City of Kirkland, all rights reserved.  
No warranties of any sort, including but not limited to accuracy, fitness or merchantability, accompany this product.

# REVISED MAP



### LAND USE CODES

- C - COMMERCIAL
- IND - INDUSTRIAL
- LMP - LIGHT MANUFACTURING PARK
- O - OFFICE
- O/MF - OFFICE/MULTI-FAMILY
- HDR - HIGH DENSITY RESIDENTIAL
- MDR - MEDIUM DENSITY RESIDENTIAL
- LDR - LOW DENSITY RESIDENTIAL
- I - INSTITUTIONS
- P - PARK/OPEN SPACE
- BP - BUSINESS PARK
- RH - ROSE HILL BUSINESS DISTRICT
- NRH - N. ROSE HILL BUSINESS DISTRICT
- JBD - JUANITA BUSINESS DISTRICT

### EXHIBIT I

## Totem Lake Neighborhood Land Use Map

TL-3

	LAND USE BOUNDARIES		PUBLIC FACILITIES
	PLANNED AREA NUMBER		PARCEL BOUNDARIES
	SUBAREA BOUNDARY		LAND USE CODE
	TOTEM CENTER		DENSITY (UNITS/ACRE)

NOTE: WHERE NOT SHOWN, NO DENSITY SPECIFIED  
\* INDICATES CLUSTERED LOW DENSITY

Map produced March 10, 2005.  
Produced by the City of Kirkland. (c) 2005, the City of Kirkland, all rights reserved.  
No warranties of any sort, including but not limited to accuracy, fitness or merchantability, accompany this product.



PUBLICATION SUMMARY  
OF ORDINANCE NO. 4028

AN ORDINANCE OF THE CITY OF KIRKLAND RELATING TO COMPREHENSIVE PLANNING AND LAND USE AND AMENDING CERTAIN SECTIONS AND PROVISIONS OF THE COMPREHENSIVE PLAN (ORDINANCE 3481 AS AMENDED), FILE NO. ZON05-00026.

Section 1. Amends the following specific portions of the text and figures of the Comprehensive Plan:

- A. Amends the Land Use Map in the Land Use Element.
- B. Amends the text and figures in the Transportation Element.
- C. Amends a figure in the Park Element.
- D. Amends figures in the Utilities Element.
- E. Amends text in the Capital Facilities Element.
- F. Amends text in the Moss Bay Neighborhood.
- G. Amends a figure in the South Rose Hill Neighborhood.
- H. Amends a figure in the Totem Lake Neighborhood.
- I. Amends a figure in the South Juanita Neighborhood.

Section 2. Provides a severability clause for the ordinance.


Section 3. Provides that certain portions are subject to the disapproval jurisdiction of the Houghton Community Council.

Section 4. Except as provided in Section 3, authorizes publication of the ordinance by summary, approval of the summary by the City Council pursuant to Kirkland Municipal Code 1.08.017, and establishes the effective date as five days after publication of summary.

Section 5. Provides that the City Clerk shall forward a certified copy of the ordinance to the King County Department of Assessments.

The full text of this Ordinance will be mailed without charge to any person upon request made to the City Clerk for the City of Kirkland. The ordinance was passed by the Kirkland City Council at its regular meeting on the 13<sup>th</sup> day of December, 2005.

I certify that the foregoing is a summary of Ordinance 4028 approved by the Kirkland City Council for summary publication.

  
City Clerk