



MEMORANDUM

Date: October 15, 2013

To: Houghton Community Council and Planning Commission

From: Joan Lieberman-Brill, AICP, Senior Planner
Paul Stewart, AICP, Deputy Director

Subject: 2013 City Initiated Comprehensive Plan Amendments - Public Hearing (File CAM13-01249)

RECOMMENDATION

Conduct a joint public hearing to consider public comment on the 2013 cycle of City Initiated Kirkland Comprehensive Plan amendments (CPA), and make a recommendation to the City Council for their final decision. Following the public hearing staff recommends the Houghton Community Council make a motion recommending approval of the amendments and then the Planning Commission make a motion recommending approval.

These amendments only address the Capital Facilities Element (CFP) and Transportation Element related to the CFP and will be considered by the City Council in December in conjunction with adoption of the budget and Capital Improvement Project.

BACKGROUND DISCUSSION

This year, amendments are solely being proposed to the Capital Facilities Plan, and as a result, only the Capital Facilities and Transportation Elements will be revised. A major GMA update to the Comprehensive Plan will be adopted in 2015. All amendments are in the attachment section of this memorandum and are summarized below. All items are within the Houghton Community Council's jurisdiction.

1. *Incorporating the 2013-2018 adjusted midterm Capital Improvement Program into the Capital Facilities Plan and Transportation Element

All Capital Facilities Plan (CFP) and Transportation Element tables and figures listed below (i.e. the 2022 transportation project list and six-year CFP tables for transportation, surface water, utilities, fire and building and parks tables), replace the 2012 versions. Any additional modifications between now and adoption in December will be integrated into the CPA ordinance. These are incorporated into the Comprehensive Plan's Transportation Element and Capital Facilities Plan to be consistent with any changes to the six year Capital Improvement Program. The CFP is the policy basis for the CIP and is tied to our level of

service standards. The CFP shows funded projects and consists of capacity-related projects. The CIP and the CFP must be consistent.

Attachment 1 is Table T-5: Project Descriptions for the 2022 Transportation Project List, combined with the map Figure T-6 locating the projects. Modifications to this list between 2012 and 2013 are listed in Attachment 2. More information is given in Attachment 3, indicating transportation project status by color for new, complete or deleted projects, those that have name changes, and existing projects.

A new funded transportation project highlighted in the mid-year CFP is a multi-modal connection between the Cross Kirkland Corridor (CKC) and the South Kirkland Park and Ride Garage. The CKC connection project includes study, design, and construction of a stair tower and covered pedestrian bridge between the new SKP&R parking garage and the Cross Kirkland Corridor.

A new surface water utility project is added to the CFP this year. A decant facility expansion at the City's Maintenance Center which will increase the existing facility's capacity for handling storm sewer waste material as a result of annexation and increased pollutant discharge requirements: (material removed from surface water facilities during cleaning and maintenance requires de-watering and hazardous waste disposal). This project will address water quality and is the recipient of a Department of Ecology Grant, as approved by City Council in April, 2013

The Parks capital CFP adds a Totem Lake Park Master Plan for 2013, which will culminate in a park design. Working in conjunction with the property owner, King Conservation District, the goal is to develop an overall plan for future park and recreation improvements to the Totem Lake park property, which could include trails, interpretive elements, entry features, picnicking, parking, habitat restoration, or other components desired by the community. The project would consider additional land acquisition and/or partnerships with neighboring properties to support the park and create a greater sense of place within the community. The City Council is scheduled to adopt the master plan by the end of 2013.

All CFP tables (CF-8 through CF-12) are included in Attachment 4. These tables list all funded capital projects for transportation, surface water, utilities (potable water and sewer), fire and building, and parks for a six year period, and also include a multi-year financing plan beyond the six year period for capital transportation projects, and the 2022 list of funded and unfunded projects. A summary of changes to all of the CFP tables and figures between this year and last year are described in Attachment 5. Note that any modification in the CFP Tables between now and when they are adopted will be reflected in the ordinance.

Table T-5: Project Descriptions for the 2022 Transportation Project List (Attach 1)

Figure T-6: Transportation Project List Map (Attach 1)

List of Changes to the 2022 Transportation Project List between 2011 and 2012(Attach 2)

Table CF-9 categories of changes by color to 2022 Trans. Project List (Attach 3)

Table CF-8 Capital Facilities Plan: Transportation Projects 2013-2018 (Attachment 4)

Table CF-8A Capital Facilities Plan: Transportation Projects 2019-2024 (Attachment 4)

Table CF-9 2022 Transportation Project List (Attachment 4)

Table CF-10 2022 Concurrency Transportation Projects List (Attachment 4)

Table CF-10A Capital Facilities Plan: Utility Projects (Attachment 4)

Table CF-10B Capital Facilities Plan: Surface Water Utility Projects (Attach 4)

Table CF-11 Capital Facilities Plan: Parks Projects (Attachment 4)

Table CF-12 Capital Facilities Plan: Fire and Building Projects (Attachment 4)

Summary of modifications to Capital Facilities Plan Tables CF 8- CF 12, between 2011 and 2012 (Attachment 5)

SEPA Compliance

State Environmental Policy Act (SEPA) materials are included as Attachment 6.

Decisional Criteria for Amending the Comprehensive Plan

The following Factors to Consider in Approving an Amendment to the Comprehensive Plan, found in Zoning Code Section 140.25 must be considered when reviewing city initiated amendment requests:

1. The effect upon the physical, natural, economic, and/or social environments.

For the physical, natural, and economic environments, approval of amendments to the Transportation and Capital Facilities elements to reflect the adopted 6-year adjusted 2013-2018 CIP, will in general mitigate demands on transportation and public services and utilities.

2. The compatibility with and impact on adjacent land uses and surrounding neighborhoods.

New funded and unfunded capital facilities projects will be built subject to environmental review with the intent of mitigating adverse impacts.

3. The adequacy of and impact on public facilities and services, including utilities, roads, public transportation, parks, recreation, and schools.

The various proposed revisions as a result of incorporating the adopted 2013 – 2018 CIP, will ensure that the City does have adequate public facilities and services. Highlights are the funding of the Totem Lake Park Master Plan and expanded decant facility.

4. The quality and location of land planned for the proposed land use type and density.

No site-specific proposals are part of this cycle of city initiated amendments.

5. The effect, if any, upon other aspects of the Comprehensive Plan.

All General Elements and Neighborhood Chapters in the Plan are interrelated and must be internally consistent. Each proposed amendment to the Plan has been reviewed to ensure consistency.

The city may amend the Comprehensive Plan only if it finds that the following Criteria found in Zoning Code Section 140.30 are met:

1. The amendment must be consistent with the Growth Management Act (GMA).
2. The amendment must be consistent with the countywide planning policies
3. The amendment must not be in conflict with other goals, policies, and provisions of the Comprehensive Plan.
4. The amendment will result in long term benefits to the community as a whole, and is in the best interest of the community.
5. When applicable, the proposed amendment must be consistent with the Shoreline Management Act and the City's adopted shoreline master program.

The proposed amendments are consistent with the GMA and countywide planning policies. Amendments reconcile the Capital Facilities Plan with the adjusted 2013 -2018 Capital Improvement Plan. They are also internally consistent with other parts of the Comprehensive Plan. Finally, the city initiated amendments will be in the best interest of the community because, among other things, they provide for improvement of the Cross Kirkland Corridor.

Next Steps

The Planning Commission and Houghton Community Council will prepare a recommendation to the City Council. The City Council is scheduled to consider adoption of the amendments by ordinance on December 10, 2013 along with the revised Capital Improvement Program and budget. The Houghton Community Council is scheduled to consider final approval by resolution on January 27, 2014.

Attachments

1. Combined Table T-5 Project Descriptions for the 2022 Transportation Project List (Funded – Unfunded) and Figure T-6 Transportation Project List Map(Funded – Unfunded)
2. List of changes to Table T-5 2022 Transportation Project List between 2012 and 2013
3. Status Category by Color 2022 Transportation Project List
4. 2013 CFP (Tables CF-8 - CF-12)
5. Summary of changes to the CFP (Tables CF 8-12)
6. SEPA DNS and checklist

Cc: File CAM13-01249
Kirkland Neighborhood Associations
Kirkland Alliance of Neighborhoods
Kirkland Chamber of Commerce

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

Non-motorized Improvements

NM20-1 **Non-motorized Facilities**

Location: **NE 100th Street between 116th Avenue NE and 120 feet west of 114th Avenue NE**

Description: **Install sidewalk along south side of NE 100th Street. Funded CIP project NM 0034 001.**

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. Candidate CIP project NM 0054, included as a part of annual non-motorized program NM 8888.

NM20-4 Pedestrian/Bicycle Facility

Location: 18th Avenue at Crestwoods Park/NE 100th Street, from 6th Street to 111th Avenue NE at the Cross Kirkland Corridor 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. Candidate CIP project NM 0032, included as a part of annual non-motorized program NM 8888.

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: Cross Kirkland Corridor right-of-way, between south and north City limits (formerly the BNSF right-of-way)

Description: 10- to 12-foot-wide two-way bike/pedestrian multi-purpose asphalt trail. ~~Un~~Funded CIP project NM 0024-000.

NM20-8 Sidewalk

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

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

NM20-10 Bike Lane

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

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

NM20-11 Sidewalk

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

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

NM20-12 Sidewalk

Location: 18th Avenue West from Market Street to Rose Point Lane

Description: Install curb, gutter, sidewalk and storm drain along roadway. Candidate CIP project NM 0046, included as a part of annual non-motorized program NM 8888.

NM20-13 Sidewalk

Location: 116th Avenue NE from NE 70th Street to NE 75th Street

Description: Installation of curb, gutter, sidewalk and storm drainage along east side of roadway. Unfunded CIP project NM 0047.

- NM20-14** Sidewalk
Location: 130th Avenue NE, NE 95th Street to NE 100th Street
Description: Installation of curb, gutter, sidewalk and storm drainage along west side of roadway. Unfunded CIP project NM 0037.
- NM20-15** Pedestrian/Bicycle Bridge
Location: NE 90th Street, 116th Avenue NE to Slater Avenue; across I-405
Description: Pedestrian/bicycle bridge approximately 10 feet wide, with approaches on each end. Unfunded CIP project NM 0030.
- NM20-16A** Sidewalk
Location: NE 90th Street, 124th Avenue NE to 128th Avenue NE (Phase I)
Description: Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0056.
- NM20-16B** Sidewalk
Location: NE 90th Street, 120th Avenue NE to 124th Avenue NE, and 128th Avenue NE to 132nd Avenue NE (Phase II)
Description: Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0026.
- NM20-17** Pathway/Sidewalk
Location: NE 60th Street from 116th Avenue NE to 132nd Avenue NE
Description: Half-street improvements along the north side to include pathway/sidewalk, curb and gutter (where appropriate), storm drainage/conveyance (natural and/or piped) and minor widening; accommodations for equestrians will be reviewed during the design. Unfunded CIP project NM 0048.
- NM20-18** Pedestrian Facility
Location: Forbes Creek Drive from Crestwoods Park to Juanita Bay Park
Description: Installation of curb, gutter and sidewalk along the north side of Forbes Creek Drive from approximately 108th Avenue NE to approximately Market Street. Unfunded CIP project NM 0041.

NM20-19 Pedestrian/Bicycle Facility

Location: NE 126th Street/Totem Lake Way from 120th Avenue NE to 132nd Place NE

Description: Installation of paved multi-purpose path and storm drainage along corridor. Candidate CIP project NM 0043, included as a part of annual non-motorized program NM 8888.

NM20-20 Crosswalk Upgrades

Location: Various locations throughout City

Description: Pedestrian crossing improvements. Projects are combined and funded every two years under CIP project NM 0012.

NM20-21 Annual Pedestrian Improvements

Location: Various locations throughout City

Description: Continue to prioritize and install pedestrian improvements to meet the adopted level of service.

NM20-22 Annual Bicycle Improvements

Location: Various locations throughout the City

Description: Continue to prioritize and install bicycle improvements to meet the adopted level of service.

NM20-23 Sidewalk

Location: 112th Avenue NE from NE 87th Street to NE 90th Street

Description: Installation of curb, gutter, sidewalk and storm drain along west side of roadway. Candidate CIP project NM 0049, included as a part of annual non-motorized program NM 8888.

NM20-24 Sidewalk

Location: NE 80th Street from 126th Avenue NE to 130th Avenue NE

Description: Installation of curb, gutter, sidewalk and storm drain along south side of roadway. Candidate CIP project NM 0050, included as a part of annual non-motorized program NM 8888.

NM20-25 Sidewalk

Location: NE 85th Street between I-405 and 132nd Ave NE

Description: Installation of curb, gutter, sidewalk and storm drain along the roadway. Partially funded CIP project NM 0051.

- 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 Cross Kirkland Corridor right of way crossing
Description: Installation of curb, gutter, sidewalk and storm drain along north side of roadway. ~~Candidate~~ Funded CIP project NM 0053, included as a part of annual non-motorized program NM 8888.
- NM20-28** Annual Sidewalk Maintenance Program
Location: Citywide
Description: Repair and replacement of existing sidewalks to provide safe pedestrian travel ways and to maintain the value of the sidewalk infrastructure. Funded CIP project NM 0057.
- NM20-29** Nonmotorized/Emergency Access Connection
Location: 111th Avenue from the Cross Kirkland Corridor right of way 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: East side of 6th Street from 1st Avenue South to Kirkland Way
Description: Install concrete sidewalk and crossing improvements at Kirkland Avenue. Funded CIP project NM 0059.~~
- NM20-32** Pedestrian Enhancements
Location: Park Lane from Lake Street to Peter Kirk Park – Phase II
Description: Repair and replacement of aged and broken sidewalks, curb, gutter and storm drain along this heavily used downtown pedestrian corridor. Existing trees will be reviewed with the objective of improving the overall tree canopy; low impact development standards will be incorporated into the project. ~~Unfunded~~ Partially funded CIP project NM 0064 001

NM 20-33 Bike Lanes**Location:** 100th Avenue from NE 124th Street to NE 132nd Street**Description:** Install bicycle lanes. Restripe and narrow existing auto lanes. Funded CIP project NM 0069.**NM 20-35** Annual Non-Motorized Program**Location:** City wide**Description:** Install up to various funding levels in 2013, 2014, 2015, 2016 any number of funded or unfunded CIP projects based on the active transportation plan criteria. Funded CIP project NM 8888.**NM 20-36** Sidewalk**Location:** NE 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.**NM 20-38** Sidewalk**Location:** NE 132nd Street from 84th Avenue NE to 87th Avenue NE**Description:** Install curb, gutter, sidewalk and planter strip along NE 132nd Street that currently does not have a sidewalk. ADA compliant wheelchair ramps will be installed at crosswalk locations. Unfunded CIP project NM 0071 as grant funding is sought.**NM 20-40** Non-motorized Facilities**Location:** Cross Kirkland Corridor right-of-way, between south and north City limits (formerly the BNSF right-of-way")**Description:** A Master Plan to develop the Cross Kirkland Corridor as a public asset for future transportation purposes. Development of the corridor is envisioned to include facilities for pedestrians and bicycles, and in the future, transit. ~~Unfunded CIP project NM 0024.~~ Funded CIP Project CNM 0024 101.**NM 20-41** Non-motorized Facilities**Location:** NE 132nd Street from 82nd Avenue NE to 84th Avenue NE**Description:** Install curb, gutter and sidewalk along south side of NE 132nd Street and west side of 84th Ave NE

to complete missing links between Carl Sandberg Elementary and Finn Hill Middle School. Unfunded CIP Project CNM 0072.

N20-42 Non-motorized Facilities

Location: City-wide

Description: Establishing a new neighborhoods-based project for minor transportation related improvements throughout the City. Funded CIP project NM 0073.

NM20-43 Non-motorized Facilities

Location: 90th Avenue NE north of NE 134th Street

Description: Construct curb, gutter and sidewalk along west side of 90th Avenue NE from NE 134th Street to the north, connecting existing sidewalk near 13427 90th Avenue NE. Unfunded CIP project NM 0074.

NM20-44 Non-motorized Facilities

Location: 84th Avenue NE from NE 145th Street to NE 124th Street

Description: Construct curb, gutter and sidewalk along the west side of 84th Avenue NE between NE 145th Street to Finn Hill Junior High School, and along west side of 84th Avenue Ne between NE 128th Street and NE 124th Street. Unfunded CIP project CNM 0075.

NM20-45 Non-motorized Facilities

Location: NE 140th Street between 127th Place NE and 132nd Avenue NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between 127th Place NE and 132nd Avenue NE. Unfunded CIP project NM 0076.

NM20-46 Non-motorized Facilities

Location: North side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE

Description: Construct curb, gutter and sidewalk along north side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE. Unfunded CIP project NM 0077.

NM20-47 Non-motorized Facilities

Location: South side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between Juanita-Woodinville Way and 113th Avenue NE. Unfunded CIP project NM 0078.

NM20-48 Non-motorized Facilities

Location: NE 140th Street between 124th Avenue NE and 127th Place NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between 124th Avenue NE and 127th Place NE. Unfunded CIP project NM 0079.

NM20-49 Non-motorized Facilities

Location: Across I-405 at NE 140th Street or NE 145th Street

Description: Bridge to provide non-motorized connection across I-405 with other wooded trail enhancements and roadway infrastructure improvements. Unfunded CIP project NM 0080.

NM20-50 Non-motorized Facilities

Location: South Kirkland Park and Ride

Description: A first-phase project to study, design and construct a stair tower and covered pedestrian bridge between the new parking garage at the South Kirkland Transit Center and the Cross Kirkland Corridor. Funded CIP project NM 0084.

NM20-51 Non-motorized Facilities

Location: Willows Rd NE from NE 124th St to 139th Ave NE

Description: Install new sidewalk, curb ramps, and additional roadway paving to provide 10' wide bicycle lanes on each side of street, along with a separate ADA compliant pedestrian route to connect the Redmond Central Connector to the Cross Kirkland Corridor. Unfunded CIP project NM 0081.

NM20-52 Non-motorized Facilities

Location: 5th Place south to approximately 519 6th Street South

Description: Sidewalk along the west side of 6th Street South between the CKC and the existing sidewalk adjacent to 519 6th Street South. Unfunded CIP project NM 0082.

NM20-53 Non-motorized Facilities

Location: State Street to 431 7th Avenue South

Description: Construct curb, gutter and sidewalk along the south side of 7th Avenue South between State Street 421 7th Avenue South. Unfunded CIP project NM 0083.

NM20-54 Non-motorized Facilities

Location: South Kirkland Park and Ride

Description: A second-phase project to design and construct an ADA compliant/elevator component for the stair tower and covered pedestrian bridge between the new parking garage at the South Kirkland Transit Center and the Cross Kirkland Corridor. Unfunded CIP project NM 0085.

NM20-55 Non-motorized Facilities**Location:** City-wide**Description:** Build safe walk routes near Kirkland elementary and middle schools. Funded CIP project NM 0006 100.**NM20-56** Non-motorized Facilities**Location:** City-wide**Description:** Upgrading and addition of up to 50 Rapid Flashing Beacons, approximately 500 new ADA ramps, restriping of crosswalks, expansion of pedestrian and bicycle routes, and installation of traffic control devices. Funded CIP project NM 0006 200.**Street Improvements****ST20-1** New Street**Location:** 118th Avenue NE, NE 116th Street to NE 118th Street**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0060.**ST20-2** New Street**Location:** 119th Avenue NE, NE 128th Street to NE 130th Street**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0061.**ST20-3** Street Widening**Location:** 120th Avenue NE, NE 128th Street to NE 132nd Street**Description:** Reconstruct from the existing three-lane section to five lanes with sidewalks. Candidate CIP project ST 0063, included as a part of the annual concurrency street improvements ST 8888.**ST20-4** Street Widening**Location:** 124th Avenue NE, NE 116th Street to NE 124th Street**Description:** Widen to five lanes, from existing three lanes with sidewalks. Candidate CIP project ST 0059; design began in 2007 however completion is dependent upon grant funding included as a part of the annual concurrency street improvements ST 8888.

- ST20-5** Street Widening
Location: 124th Avenue NE, NE 85th Street to NE 116th Street
Description: Widen to three lanes with a center two-way left turn lane (including landscaped center median islands where possible) and 2 travel-lanes, construct bicycle lanes, curb and gutter, sidewalk, storm drainage and landscaping. Unfunded CIP project ST 0064.
- ST20-6** Street Widening
Location: 132nd Avenue NE / NE 85th Street to NE 120th Street
Description: Widen to three lanes with bike lanes, sidewalks, curb and gutter, landscaping and storm drainage improvements. Unfunded CIP project ST 0056.
- ST20-7** Bridge Project 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. ~~Un~~Funded CIP project ST 0055.
- ST20-8** New Street
Location: 120th Avenue NE from NE 116th Street to Eastside Rail Corridor crossing
Description: Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0073.
- ST20-9** New Street
Location: NE 120th Street (east section), from Slater Avenue NE to 124th Avenue NE
Description: Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Project ST 0057 -001 moved to funded for 2012 due to receipt of federal STP grant.
- 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 Cross Kirkland Corridor crossing

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

ST20-13 Annual Street Preservation Program

Location: Various sites throughout the City based on Pavement Management Program

Description: Patch and overlay existing streets to provide safe travel ways and maintain the value of the street infrastructure. Funded CIP project ST 0006.

ST20-14 Street Widening

Location: NE 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. Unfunded CIP project ST 0077.

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. Unfunded CIP project ST 0078.

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. Unfunded CIP project ST0079.

ST20-17 Street Improvements

Location: Annual Striping Program

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

ST20-18 Annual Concurrency Street Improvements**Location:** City-wide**Description:** This project provides for the construction and re-construction of city roadways to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. Funded CIP project ST 8888.**ST20-19** Annual Street Preservation Program – One Time Project**Location:** NE 85th Street**Description:** The overlay of NE 85th Street coincident with intersection, roadway and other improvements associated with CIP projects NM 0051, ST 0075, TR 0078, and TR 0080. Funds became available through the State Department of Transportation (WSDOT) as a result of the recent jurisdictional transfer of SR908 from the WSDOT to the City of Kirkland. Funded CIP project ST 0006-002.**ST 20-20** Street Maintenance and Pedestrian Safety**Location:** City-wide**Description:** Voter approved levy funded annual project to meet City Council goals for dependable infrastructure, balanced transportation, neighborhoods, public safety, and financial stability. Funded CIP project ST 0006 003.**ST 20-21** Street**Location:** Totem Lake**Description:** Establishing a new project in anticipation of development opportunities funded through grants that may require a City matching portion. Unfunded CIP project ST 0081.**~~ST 20-21~~** ~~Development Opportunity Program~~**~~Location~~** ~~Totem Lake~~**~~Description~~** ~~Establishing a new project in anticipation of development opportunities funded through grants that may require a City matching portion. Unfunded CIP project ST 0081.~~**ST 20-22** Street**Location:** Juanita Drive Corridor**Description:** Master plan Corridor study to guide future capital improvement construction phases for Juanita Drive. Funded CIP project ST 0082.**ST20-23** Street Improvements

Location: 100th Avenue NE from NE 139th Street to NE 145th Street

Description: Widen existing roadway to improve current 5-lane to 2-lane transition. Unfunded CIP project ST 0083 101.

ST20-243 Street

Location: NE 139th Street to NE 145th Street

Description: Corridor study to guide future capital improvement construction for 100th Avenue NE. Partially Unfunded CIP project ST 0083.

ST20-25 Emergency Vehicle Access

Location: Four Finn Hill Neighborhood locations, including: 8500 NE 143rd Street, 8400 NE 142nd Street, 8000 NE 120th Street and 8200 NE 117th Street.

Description: Install retractable bollards at four locations within the Finn Hill Neighborhood to replace existing Type III roadway barricades. Unfunded CIP project ST 0086.

ST20-26 Street Improvements

Location: 120th Avenue NE to NE 132nd Avenue NE

Description: The conversion of all overhead utilities (power, telephone, cable, fiber, etc.) to an underground system along NE 85th Street, between 120th Ave NE and 128th Ave NE, together with the installation of conduit only (for future conversion of all overhead utilities) between 128th Ave NE and 132nd Ave NE. Funded CIP project ST 0075.

Intersection Improvements

TR20-1 Traffic Signal

Location: 100th Avenue NE/NE 124th Street

Description: Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Unfunded CIP project TR 0084.

TR20-2 Intersection Improvements

Location: Kirkland Way/Eastside Rail Corridor Abutment/Intersection Improvements

Description: New railroad undercrossing along Kirkland Way, installation of sidewalks and bike lanes in immediate vicinity, improve clearance between roadway surface and overpass, and improve sight distance. Unfunded CIP project TR 0067.

TR20-3 Traffic Signal**Location:** 6th Street/Kirkland Way**Description:** Construct a new signal at this intersection. The project will include controlled pedestrian crosswalks. Funded CIP project TR 0065.**TR20-4** Intersection Improvements**Location:** Totem Lake Way / 120th Avenue NE**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem Lake Mall which will be required to install the traffic signal as part of SEPA mitigation. Unfunded CIP project TR 0099.**TR20-5** HOV Queue Bypass**Location:** NE 124th Street and I-405, east to southbound**Description:** Construct an additional lane and signal improvements to allow connection from NE 124th Street to the HOV lane on the southbound freeway access ramp. Unfunded CIP project TR 0057.**TR20-6** Intersection Improvements**Location:** NE 85th Street/120th Avenue NE**Description:** Project will add one northbound right-turn lane and one new westbound and one new eastbound travel lane on NE 85th Street. Candidate CIP project TR 0088, included as a part of the annual concurrency traffic improvements TR 8888.**TR20-7** Intersection Improvements**Location:** NE 85th Street/132nd Avenue NE**Description:** Project will add one new westbound and one new eastbound travel lane on NE 85th Street. Unfunded CIP project TR 0089.**TR20-8** HOV Queue Bypass**Location:** NE 85th Street and I-405, east to southbound**Description:** Construct an additional lane and signal improvements to allow connection from NE 85th Street to the HOV lane on the southbound freeway access ramp. Funded CIP project TR 0056.**TR20-9** HOV Queue Bypass

Location: Lake Washington Boulevard at Northup Way

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

TR20-10 Queue Bypass and HOV Facilities

Location: Various as identified

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

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

TR20-11 Intersection Improvements

Location: Various as identified

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

1. Kirkland Avenue/Lake Street South
2. Lake Street South/2nd Avenue South
3. Market Street/Central Way
4. Market Street/7th Avenue NE
5. NE 53rd Street/108th Avenue NE
6. NE 60th Street/116th Avenue NE
7. NE 60th Street/132nd Avenue NE
8. NE 64th Street/Lake Washington Boulevard
9. NE 70th Street/120th Avenue NE or 122nd Avenue NE
10. NE 80th Street/132nd Avenue NE
11. NE 112th Street/124th Avenue NE
12. NE 116th Street/118th Avenue NE
13. NE 116th Street/124th Avenue NE (northbound dual left turn) (TR 0092)
14. NE 126th Street/132nd Place NE
15. NE 128th Street/Totem Lake Boulevard

16. NE 100th Street/132nd Avenue NE
17. Market Street / Forbes Creek Drive
18. NE 112th Street/120th Avenue NE
19. Totem Lake Boulevard/120th Avenue NE

TR20-12 Intersection Improvements**Location:** NE 70th Street/132nd Avenue NE**Description:** Install westbound and northbound right-turn lanes. Candidate CIP project TR 0086, included as a part of the annual concurrency traffic improvements TR 8888.**TR20-13** Intersection Improvements**Location:** Lake Washington Boulevard at NE 38th Place**Description:** Install upgrades to the existing signalized intersection including one additional northbound Lake Washington Boulevard travel lane through the intersection. Replace all existing pedestrian facilities and consolidate commercial driveways where feasible. Funded CIP project TR 0090.**TR20-14** Intersection Improvements**Location:** 124th Avenue NE at NE 124th Street - Phase III**Description:** Install improvements on the north leg of this intersection. Candidate CIP project TR 0091; included as a part of the annual concurrency traffic improvements, TR 8888.**TR20-15** Intersection Improvements**Location:** 100th Avenue NE/NE 132nd Street**Description:** Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Construct a second southbound left-turn lane. ~~Candidate~~ **Partially funded** CIP project TR 0083, included as a part of the annual concurrency traffic improvements TR 8888.**TR20-16** Traffic Signal**Location:** Central Way & Park Place entrance (between 4th St and 5th St)**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation; in addition to these vehicular improvements, existing un-signalized crosswalks at 5th St and 4th St will be eliminated. It is anticipated that the design and construction timing is concurrent with the development of Park Place which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0082.

TR20-17 Intersection Improvements**Location:** NE 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. Funded CIP project TR 0096.**TR20-18** Intersection Improvements**Location:** NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405**Description:** Coordination of City ROW and intersection improvements in association with the WSDOT's Half-Diamond Interchange at NE 132nd Street and I-405 as recommended in the NE 132nd Street Master Plan. Funded CIP project TR 0098.**TR20-20** Intersection Improvements**Location:** Central Way/4th Street**Description:** Extend two-way-left turn by moving crosswalk to Park Place Signal. Funded CIP project TR 0103.**TR20-21** Intersection Improvements**Location:** 6th Street S/4th Avenue**Description:** Dual eastbound left turn, with widening on 6th Street. Funded CIP project TR 0104.**TR20-22** Intersection Improvements**Location:** Central Way/5th Street**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. Funded CIP project TR 0105.**TR20-23** Intersection Improvements**Location:** 6th Street / 7th Avenue**Description:** Add left turn lanes on northbound and southbound approaches. Funded CIP project TR 0106.**TR20-24** Intersection Improvements**Location:** Market Street / 15th Avenue**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. Funded CIP project TR 0107.

TR20-25 Intersection Improvements**Location:** NE 85th Street / 124th Avenue NE**Description:** Add northbound right-turn-only pocket. Funded CIP project TR 0108.**TR20-268** Intersection Improvements**Location:** Totem Lake Plaza/Totem Lake Blvd**Description:** Install traffic signal and associated roadway improvements between Totem Lake Boulevard and NE 120th Avenue NE to minimize traffic conflict, improve safety and traffic operations through the Totem Lake Mall. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the improvements as part of SEPA mitigation. Funded CIP project TR 0109.**TR20-276** Intersection Improvements**Location:** NE 132nd St/ Juanita High School**Description:** Construct a 250 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0093.**TR20-287** Intersection Improvements**Location:** Totem Lake Plaza/120th Ave NE Intersection Improvements**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0110.**TR20-29** Intersection Improvements**Location:** NE 132nd Street / 108th Avenue NE**Description:** Construct a 250 foot westbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0094.**TR20-30** Intersection Improvements**Location:** NE 132nd Street / Fire Station 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.

TR20-31 Intersection Improvements**Location:** NE 132nd St/132nd Ave NE**Description:** Extend the eastbound left turn and right turn lanes to 500 feet; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0097.**TR20-32** Intersection Improvements**Location:** Intersection of NE 85th Street and 132nd Avenue NE**Description:** Extend the southbound to eastbound left-turn lane pocket and construct a northbound to eastbound right turn lane. Funded CIP project TR 0078.**TR20-33** Intersection Improvements**Location:** Intersection of NE 85th Street and 124th Avenue NE**Description:** Construct two eastbound to northbound left-turn lanes as part of a Sound Transit Route 540 corridor improvement. Provide bike lane, planter strip and new sidewalk. Funded CIP project TR 0080.**TR20-34** Annual Concurrency Traffic Improvements**Location:** City-wide**Description:** This project provides for the construction and re-construction of traffic signals and/or intersections to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. Funded CIP project TR 8888.**TR20-35** Kirkland ITS Improvements – Phase I**Location:** City-wide**Description:** Design and build Intelligent Transportation System (ITS) along Central Way-NE 85th Street and Lake Washington Blvd-Market St-98th/100th Ave NE. Funded CIP Project TR 0111 000.**TR20-36** Kirkland ITS Improvements – Phase II**Location:** City-wide**Description:** The incorporation of Intelligent Transportation System (ITS) needs, as identified in the Kirkland Intelligent Transportation System (KITS) Plan approved by Council in 2008. ITS measures will be employed to upgrade current signal equipment, connect signals and ITS field locations with a new central operations management location. Unfunded CIP Project TR 0111 001.

TR20-37 Peter Kirk (Transit Center) Restroom Renovation**Location:** Peter Kirk Park - 3rd Street**Description:** A restoration of the interior of the existing public restroom.**TR20-38** Kirkland Citywide Safety and Traffic Flow Improvements**Location:** Citywide**Description:** Improvements to safety and traffic flow on Kirkland's main arterial corridors through signal timing optimization, signal interconnection enhancements and communication improvements. The Project will also enhance signal interconnection and improve communication with the NE 124th Street ITS corridor. Funded CIP project TR 0113 000.**TR20-39** 6th Street & Central Way Intersection Improvements Phase 2**Location:** 6th Street & Central Way**Description:** New signature "Gateway" to the Central Downtown area of Kirkland, and frontage improvements on 6th Street, additional travel lanes, a bicycle lane, and pedestrian improvements. Unfunded CIP project TR 0100 100.**TR20-40** Kirkland ITS Phase IIB**Location:** NE 132nd Street, 120th Avenue/124th Avenue NE in Totem Lake**Description:** Intelligent Transportation System improvements at 9 signals to connect these corridors to the Phase I ITS project and to the City's Traffic Management Center. Unfunded CIP project TR 0111 002.**TR20-41** Kirkland ITS Phase IIC**Location:** NE 132nd Street, 120th Avenue/124th Avenue NE in Totem Lake**Description:** Intelligent Transportation System improvements at 15 signals to connect these corridors to the Phase 1 ITS project and to the City's Traffic Management Center. ~~Unf~~unded CIP project TR 0111 003.**TR20-42** Slater Avenue NE Traffic Calming Phase 1**Location:** Slater Avenue from 100th Street NE to NE 112th Street**Description:** Traffic calming measures along Slater Avenue, including traffic circles, curb bulbs, and a mid-block raised crosswalk. Activated emergency vehicle beacon may also be installed, if further study deems it necessary. Unfunded CIP project TR 0114.

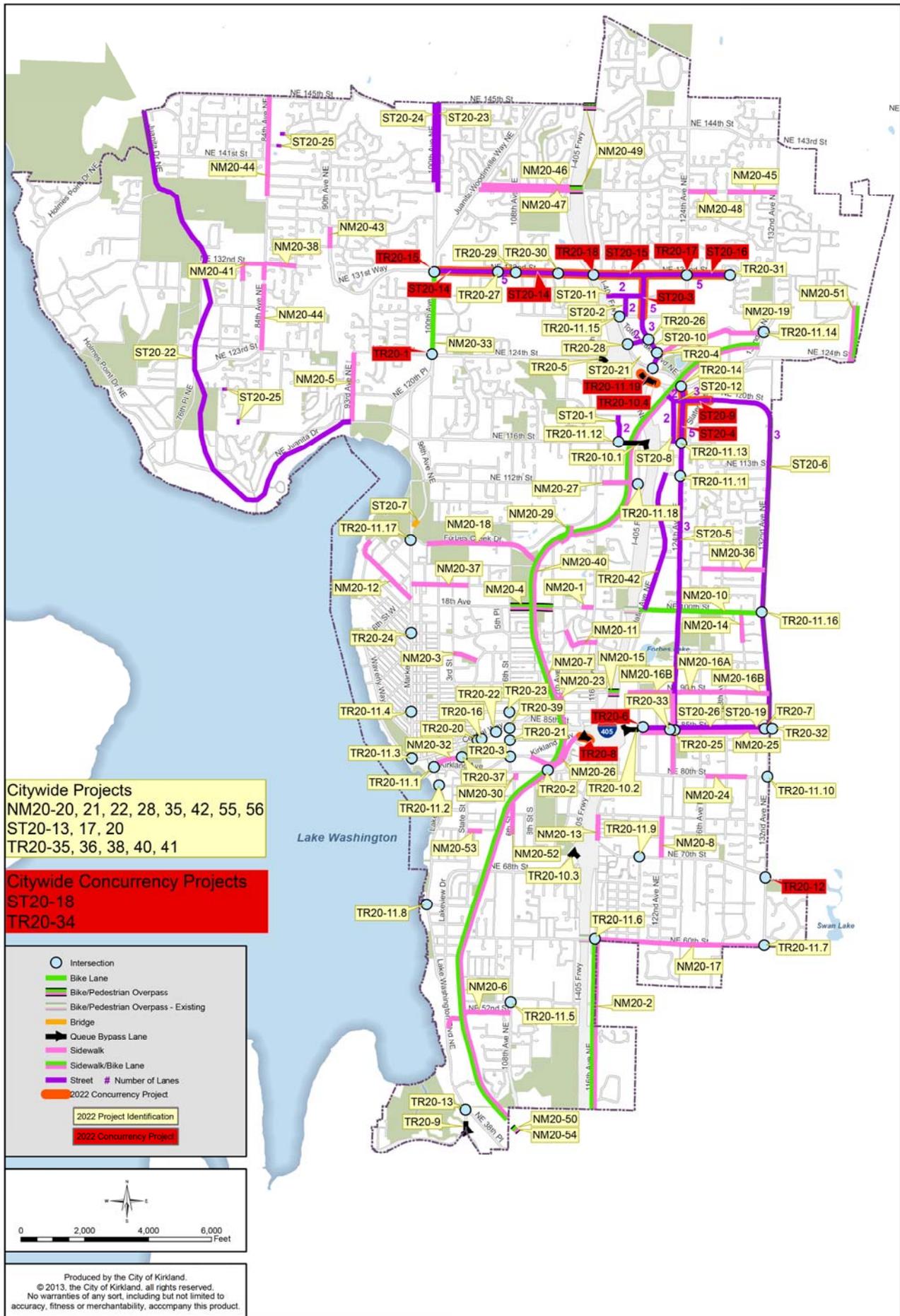


Figure T-6: Transportation Project List Funded/Unfunded

Table T-5 Project Descriptions for the 2022 Transportation Project List (Funded /Unfunded)
REVISIONS 2012 to 2013

Non-motorized Improvements

NM20-1	Reintroduced
NM20-7	Changed “Unfunded” to “Funded”.
NM20-25	Reintroduced
NM20-27	Changed “Candidate CIP project” to “Funded CIP project”.
NM20-30	Reintroduced
NM20-31	Removed – project completed
NM20-32	Changed “Unfunded CIP project” to “Partially funded CIP project”
NM20-33	Reintroduced
NM20-34	Removed – project completed
NM20-49	New
NM20-50	New
NM20-51	New
NM20-52	New
NM20-53	New
NM20-54	New
NM20-55	New
NM20-56	New

Street Improvements

ST20-7	Changed title from “Replacement” to “Project”
ST20-22	Changed “Master plan” to “Corridor study”
ST20-23	Changed project number to ST 0083-101
ST20-24	New
ST20-25	New
ST20-26	New

Intersection Improvements

TR20-15	Changed “Candidate CIP project” to “Partially funded CIP project”
TR20-26	Renumbered; changed to TR20-27

TR20-27 Renumbered; changed to **TR20-28**
TR20-28 Renumbered; changed to **TR20-26**
TR20-32 Reintroduced
TR20-33 Reintroduced
TR20-35 Reintroduced
TR20-37 New
TR20-41 Changed “Unfunded” to “Funded”
TR20-42 Added “Unfunded CIP project TR 0114.”

END

No Color	Existing
Red	Completed/Deleted
Blue	Name Change
Yellow	New
Orange	Reintroduced

concurrency correct 10.15.13 ab

Table CF - 9 2013 REVISIONS
2022 Transportation Projects List (Funded - Unfunded)

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
NM20-1	Peter Kirk Elementary Sidewalk	\$ 0.5	NM 0034 001	✓	C, NM	T-2	
NM20-2	116th Ave NE Nonmotorized Facilities	\$ 3.4	NM 0001		C, NM	T-2	
NM20-3	13th Ave Sidewalk (Phase II)	\$ 0.4	NM 0054		C, NM	T-2	
NM20-4	Crestwoods Park/CKC Ped/Bike Facility	\$ 2.5	NM 0031		C, NM	T-2	
NM20-5	93rd Ave NE Sidewalk	\$ 1.0	NM 0032		C, NM	T-2	
NM20-6	NE 52nd Street Sidewalk	\$ 1.1	NM 0007		C, NM	T-2	
NM20-7	Cross Kirkland Corridor Interim Trail	\$ 3.6	NM 0024	✓	C, NM	T-2, T-8	
NM20-8	122nd Avenue NE Sidewalk	\$ 0.9	NM 0055		C, NM	T-2	
NM20-10	NE 100th Street Bike Lane	\$ 1.6	NM 0036		C, NM	T-2	
NM20-11	NE 95th St. Sidewalk (Highlands)	\$ 0.6	NM 0045		C, NM	T-2	
NM20-12	18th Ave West Sidewalk	\$ 2.3	NM 0046		C, NM	T-2	
NM20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.4	NM 0047		C, NM	T-2	
NM20-14	130th Ave NE Sidewalk	\$ 0.8	NM 0037		C, NM	T-2	
NM20-15	NE 90th St. Bicycle/Ped Overpass Across I-405	\$ 3.7	NM 0030		C, NM	T-2	
NM20-16A	NE 90th St Sidewalk (Phase I)	\$ 1.2	NM 0056		C, NM	T-2	
NM20-16B	NE 90th St Sidewalk (Phase II)	\$ 2.6	NM 0026		C, NM	T-2	
NM20-17	NE 60th St Sidewalk	\$ 5.0	NM 0048		C, NM	T-2	
NM20-18	Forbes Valley Pedestrian Facility	\$ 2.0	NM 0041		C, NM	T-2	
NM20-19	NE 126th St NM Facilities	\$ 4.3	NM 0043		C, TL	T-2	
NM20-20	Crosswalk Upgrades (various locations)	\$ 0.2	NM 0012	✓	C, NM	T-2	
NM20-21	Annual Pedestrian Improvements (various locations)		various		NM	T-2	
NM20-22	Annual Bicycle Improvements (various locations)		various		NM	T-2	
NM20-23	112th Ave NE Sidewalk	\$ 0.5	NM 0049		C, NM	T-2	
NM20-24	NE 80th St Sidewalk	\$ 0.9	NM 0050		C, NM	T-2	
NM20-25	Rose Hill Business District Sidewalks	\$ 7.9	NM 0051	✓	C, NM	T-2	
NM20-26	Kirkland Way Sidewalk	\$ 0.4	NM 0063		C, NM	T-2	
NM20-27	NE 112th St Sidewalk	\$ 0.4	NM 0053	✓	C, NM	T-2	
NM20-28	Annual Sidewalk Maintenance Program	\$ 1.2	NM 0057	✓	C, NM	T-2	
NM20-29	111th Ave NM/Emergency Access Connection	\$ 2.0	NM 0058		Highlands	T-2	
NM20-30	6th Street Sidewalk	\$ 0.3	NM 0059	✓	C, NM	T-2	
NM20-31	Elementary School Walk Route Enhancements						
NM20-32	Park Lane Pedestrian Corridor (Phase II)	\$ 1.3	NM 0064 001	✓	C	T-2	
NM20-33	100th Avenue NE Bicycle Lanes	\$ 0.2	NM 0069	✓	C	T-2	
NM20-34	12th Avenue Sidewalk						
NM20-35	Annual Nonmotorized Program	\$ 3.2	NM 8888	✓	C	T-2	
NM20-36	NE 104th St Sidewalk	\$ 1.1	NM 0061		C	T-2	
NM20-37	19th Ave Sidewalk	\$ 0.8	NM 0062		C	T-2	
NM20-38	NE 132nd Street Sidewalk	\$ 0.4	NM 0071		C	T-2	
NM20-40	Cross Kirkland Corridor Master Plan	\$ 0.5	NM 0024 101	✓	C, NM	T-2, T-8	
NM20-41	NE 132nd Street Sidewalk at Finn Hill Middle School	\$ 0.7	NM 0072		C	T-2	
NM20-42	JFK Non-Motorized Program	\$ 0.2	NM 0073	✓	C	T-2	
NM20-43	90th Ave NE Sidewalk	\$ 0.4	NM 0074		C	T-2	
NM20-44	84th Ave NE Sidewalk	\$ 4.1	NM 0075		C	T-2	
NM20-45	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	\$ 1.1	NM 0076		C	T-2	
NM20-46	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	\$ 1.2	NM 0077		C	T-2	
NM20-47	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	\$ 0.7	NM 0078		C	T-2	
NM20-48	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	\$ 0.6	NM 0079		C	T-2	
NM20-49	Juanita Kingsgate Pedestrian Bridge	\$ 4.5	NM 0080		C, NM	T-2	
NM20-50	South Kirkland TOD/CKC Multi-Modal Connection Phase I	\$ 1.3	NM 0084	✓	C, NM	T-2	
NM20-51	CKC to Redmond Central Corridor Regional Connector	\$ 3.7	NM 0081		C, NM	T-2	
NM20-52	6th Street S. Sidewalk	\$ 0.4	NM 0082		C, NM	T-2	
NM20-53	7th Avenue S. Sidewalk	\$ 0.3	NM 0083		C, NM	T-2	
NM20-54	South Kirkland TOD/CKC Multi-Modal Connection Phase II	\$ 1.2	NM 0085		C, NM	T-2	
NM20-55	Street Levy - Safe Routes to Schools	\$ 0.6	NM 0006 100	✓	C, NM	T-2	
NM20-56	Streets Levy - Pedestrian Safety	\$ 1.2	NM 0006 200	✓	C, NM	T-2	
Subtotal Nonmotorized		\$ 81.4					

ST20-1	118th Ave NE Roadway Extension	\$ 6.4	ST 0060		C, TL	T-4	
ST20-2	119th Ave NE Roadway Extension	\$ 5.6	ST 0061		C, TL	T-4	
ST20-3	120th Ave NE Roadway Improvements	\$ 9.0	ST 0063		C	T-1, T-4	✓
ST20-4	124th Ave NE Roadway Improvements	\$ 10.0	ST 0059		C	T-1, T-4	✓
ST20-5	124th Ave NE Roadway Widening Improvements	\$ 30.3	ST 0064		C	T-4	
ST20-6	132nd Ave NE Roadway Improvements	\$ 25.2	ST 0056		C	T-4	
ST20-7	98th Ave NE Bridge Replacement	\$ 10.2	ST 0055	✓	C	T-4	
ST20-8	120th Ave NE Roadway Extension	\$ 16.4	ST 0073		TL	T-4	
ST20-9	NE 120th St Roadway Extension (east section)	\$ 6.6	ST 0057 001	✓	C	T-1, T-4	✓
ST20-10	120th Ave NE/Totem Lake Plaza Roadway Improvements	\$ 3.0	ST 0070		TL	T-4	
ST20-11	NE 130th Street Roadway Extension	\$ 10.0	ST 0062		C	T-4	
ST20-12	NE 120th St Roadway Improvements (west section)	\$ 5.9	ST 0072		TL	T-4	
ST20-13	Annual Street Preservation Program	\$ 10.5	ST 0006	✓	C	T-4	
ST20-14	NE 132nd St Rdwy Imprv - Phase I (west section)	\$ 1.4	ST 0077		C, 132	T-4	✓
ST20-15	NE 132nd St Rdwy Imprv - Phase II (mid section)	\$ 0.3	ST 0078		C, 132	T-4	✓
ST20-16	NE 132nd St Rdwy Imprv - Phase III (east section)	\$ 1.1	ST 0079		C, 132	T-4	✓
ST20-17	Annual Striping Program	\$ 2.1	ST 0080	✓	C	T-4	
ST20-18	Annual Concurrency Street Improvements	\$ 2.0	ST 8888	✓	C	T-4	✓
ST20-19	Annual Street Pres Program - One-time Project	\$ 1.1	ST 0006 002	✓	C	T-4	
ST20-20	Street Maintenance & Pedestrian Safety	\$ 18.0	ST 0006 003	✓	C	T-4	
ST20-21	Totem Lake Area Development Opportunity Program	\$ 0.5	ST 0081		C	T-4	
ST20-22	Juanita Drive Master Plan	\$ 0.3	ST 0082	✓	C	T-4	
ST20-23	100th Ave NE Roadway Improvements	\$ 10.0	ST 0083 101		C	T-4	
ST20-24	100th Avenue NE Corridor Study	\$ 0.5	ST 0083 000	✓	C	T-4	
ST20-25	Finn Hill Roadway Emergency Vehicle Access Connections	\$ 0.9	ST 0086		C	T-4	
ST20-26	NE 85th Street Utility Undergrounding Conversion	\$ 2.7	ST 0075	✓	C	T-4	
Subtotal Streets		\$ 190.0					

TR20-1	100th Ave NE/NE 124th St Intersection Improvements	\$ 2.2	TR 0084		C	T-4	✓
TR20-2	Kirkland Way/CKC Abutment/Intersection Imps	\$ 6.9	TR 0067		C	T-4, T-2	
TR20-3	6th Street/Kirkland Way Traffic Signal	\$ 0.6	TR 0065		C	T-4	
TR20-4	Totem Lake Blvd/120th Ave NE	\$ 2.8	TR 0099		C	T-4	
TR20-5	NE 124th St/I-405 Queue Bypass (EB to SB)	\$ 1.7	TR 0057		C	T1 T4 T5	

TR20-6	NE 85th St/120th Ave NE Intersection Improvements	\$	5.3	TR 0088		C	BKR T1 T4	√
TR20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$	1.8	TR 0089		C	BKR T1 T4	
TR20-8	NE 85th St HOV/I-405 Queue Bypass	\$	0.8	TR 0056		C	T1 T4 T5	√
TR20-9	Lake Wash Blvd/Northup Way Queue Bypass	\$	6.6	TR 0068		C	T-4	
TR20-10.1	NE 116th St/I-405 Queue Bypass	\$	7.3	TR 0072		C	T1 T4 T5	
TR20-10.2	NE 85th St/I-405 Queue Bypass	\$	1.8	TR 0074		C	T1 T4 T5	
TR20-10.3	NE 70th St/I-405 Queue Bypass	\$	1.7	TR 0073		C	T1 T4 T5	
TR20-10.4	NE 124th St/I-405 Queue Bypass (WB to NB)	\$	1.3	TR 0075		C	T1 T4 T5	
TR20-11.1	Kirkland Ave/Lake Street South					P20	T-4	
TR20-11.2	Lake Street South/2nd Ave South					P20	T-4	
TR20-11.3	Market Street/Central Way					P20	T-4	
TR20-11.4	Market Street/7th Avenue NE					P20	T-4	√
TR20-11.5	NE 53rd Street/108th Ave NE					P20	T-4	
TR20-11.6	NE 60th Street/116th Ave NE					P20	T-4	
TR20-11.7	NE 60th Street/132nd Avenue NE					P20	T-4	
TR20-11.8	NE 64th Street/Lake Washington Blvd					P20	T-4	
TR20-11.9	NE 70th Street/120th Avenue NE or 122nd Avenue NE					P20	T-4	
TR20-11.10	NE 80th Street/132nd Avenue NE					P20	T-4	
TR20-11.11	NE 112th Street/124th Avenue NE					P20	T-4	
TR20-11.13	NE 116th Street/124th Avenue NE	\$	1.7	TR 0092		C	T-4	
TR20-11.12	NE 116th Street/118th Avenue NE					P20	T-4	
TR20-11.14	NE 126th Street/132nd Place NE					P20	T-4	
TR20-11.15	NE 128th Street/Totem Lake Blvd					P20	T-4	
TR20-11.16	NE 100th Street/132nd Avenue NE					P20	T-4	
TR20-11.17	Market Street/Forbes Creek Drive					P20	T-4	
TR20-11.18	NE 112th Street/120th Avenue NE					P20	T-4	
TR20-11.19	Totem Lake Blvd/120th Avenue NE					P20	T-4	√
TR20-12	NE 70th Street/132nd Ave NE Intersection Imp	\$	4.6	TR 0086		C	T-4	√
TR20-13	Lake Wash Blvd/NE 38th Place Intersection Imp	\$	0.5	TR 0090		C	T-4	
TR20-14	NE 124th St/124th Ave NE Intersection Imp	\$	3.5	TR 0091		C	T-4	
TR20-15	NE 132nd Street/100th Ave NE Intersection Imp	\$	3.2	TR 0083	√	C	T-4	√
TR20-16	Central Way/Park Place Center Traffic Signal	\$	0.2	TR 0082		C	T-4	
TR20-17	NE 132nd Street/124th Ave NE Intersection Imp	\$	5.7	TR 0096		C	T-1	√
TR20-18	NE 132nd Street/116th Way NE Intersection Imp	\$	0.3	TR 0098		C	T-4	√
TR20-20	Central Way/4th Street Intersection Imp	\$	0.03	TR 0103		C	T-4	
TR20-21	6th Street/4th Ave Intersection Imp	\$	0.6	TR 0104		C	T-4	
TR20-22	Central Way/5th Street Intersection Imp	\$	0.6	TR 0105		C	T-4	
TR20-23	6th Street/7th Ave Intersection Improvements	\$	0.1	TR 0106		C	T-4	
TR20-24	Market Street/15th Ave Intersection Imp	\$	0.6	TR 0107		C	T-4	
TR20-25	NE 85th Street/124th Ave NE Intersection Imp	\$	0.9	TR 0108		C	T-4	
TR20-26	Totem Lake Plaza/Totem Lake Blvd Intersection Imp	\$	1.5	TR 0109		C	T-4	
TR20-27	NE 132nd St/Juanita HS Access Road Intersection Imp	\$	0.9	TR 0093		C	T-4	
TR20-28	Totem Lake Plaza/120th Ave NE Intersection Imp	\$	1.5	TR 0110		C	T-4	
TR20-29	NE 132nd St/108th Ave NE Intersection Imp	\$	0.6	TR 0094		C	T-4	
TR20-30	NE 132nd St/Fire Station Access Dr Intersection Imp	\$	0.4	TR 0095		C	T-4	
TR20-31	NE 132nd St/132nd Ave NE Intersection Imp	\$	0.9	TR 0097		C	T-4	
TR20-32	NE 85th Street/132nd Ave NE Intersection Imp (Phase I)	\$	2.2	TR 0078	√	C	T-4	
TR20-33	NE 85th Street/124th Ave NE Intersection Imp	\$	2.0	TR 0080	√	C	T-4	
TR20-34	Annual Concurrence Traffic Improvements	\$	1.4	TR 8888	√	C	T-4	√
TR20-35	Kirkland ITS Improvements - Phase I	\$	2.0	TR 0111 000	√	C	T-4	
TR20-36	Kirkland ITS Improvements - Phase II	\$	4.1	TR 0111 001		C	T-4	
TR20-37	Peter Kirk Restroom Renovation	\$	0.1	TR 0004 002	√	C	T-4	
TR20-38	Citywide Safety & Traffic Flow Improvements	\$	0.3	TR 0113	√	C	T-4	
TR20-39	6th Street & Central Way Intersection Improvements Phase 2	\$	1.9	TR 0100 100		C	T-4	
TR20-40	Kirkland ITS Improvements - Phase II B	\$	2.6	TR 0111 002		C	T-4	
TR20-41	Kirkland ITS Improvements - Phase II C	\$	2.9	TR 0111 003	√	C	T-4	
TR20-42	Slater Ave NE Traffic Calming - Phase I	\$	0.3	TR 0114		C	T-4	
			Subtotal Traffic	\$	88.9			

Notes:

- (1) '12 Costs in millions; Funded projects indexed for inflation
(2) C = CIP, NM = Non-Cap List, P20 - 20 year list, 132 = 132nd Street Masterplan (2008), Highland = Highlands Neighborhood Plan

Table CF - 8
Capital Facilities Plan: Transportation Projects -- 2013-2018

SOURCES OF FUNDS								
Revenue Type	Revenue Source	2013	2014	2015	2016	2017	2018	Six-Year Total
Local	Gas Tax	558,000	575,000	592,000	610,000	628,000	647,000	3,610,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Local	Real Estate Excise Tax	1,424,000	1,467,000	1,445,600	1,556,000	1,602,000	1,651,000	9,145,600
Local	Reserves	543,700	817,500	416,300	480,000	480,000	480,000	3,217,500
Local	Road Levy	3,059,000	2,574,000	2,600,000	2,600,000	2,600,000	2,600,000	16,033,000
Local	Solid Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Local	Surface Water	210,000	924,400	243,800	444,000	461,300	580,000	2,863,500
Local	Impact Fees	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000
External	Grants	6,005,700	14,624,100	3,769,500				24,399,300
	Subtotal 2013-2018 Fund Sources excluding Park Place & Totem Lake	12,720,400	21,902,000	9,987,200	6,610,000	6,691,300	6,878,000	64,788,900
External	Developer Funded -- Park Place (including Impact Fees)		200,000	1,331,000	1,297,000	789,400	7,218,000	10,835,400
External	Developer Funded -- Totem Lake (including Impact Fees)		1,500,000	1,500,000				3,000,000
	Total Sources	12,720,400	23,602,000	12,818,200	7,907,000	7,480,700	14,096,000	78,624,300

Use of Funds**Funded Projects**

Project Number	Project Title	2013	2014	2015	2016	2017	2018	Six-Year Total
ST 0006	Annual Street Preservation Program	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000
ST 0006 002	Annual Street Preservation Program-One-time Project	42,500	158,000	1,268,500				1,469,000
ST 0006 003	Street Levy Street Preservation	1,959,000	2,574,000	2,300,000	2,300,000	2,300,000	2,300,000	13,733,000
ST 0055	98th Avenue Bridge	390,000	1,025,000					1,415,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)	541,300	3,100,800					3,642,100
ST 0075	NE 85th Street Utility Conversion	774,700						774,700
ST 0080	Annual Striping Program	300,000	350,000	350,000	350,000	350,000	350,000	2,050,000
ST 0082	Juanita Drive Corridor Study	200,000	80,000					280,000
ST 0083	100th Ave NE Corridor Study	70,000						70,000
ST 8888	Annual Concurrency Street Improvements			482,400	480,000	215,000	852,500	2,029,900
ST 9999	Regional Inter-Agency Coordination	82,000	82,000	82,000	82,000	82,000	82,000	492,000
NM 0006 100	Street Levy-Safe School Walk Routes			150,000	150,000	150,000	150,000	600,000
NM 0006 200	Street Levy-Pedestrian Safety	590,000		150,000	150,000	150,000	150,000	1,190,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000
NM 0024 000	Cross Kirkland Corridor Trail (Interim)	2,158,000	1,239,000					3,397,000
NM 0024 101	Cross Kirkland Corridor Master Plan	350,000	150,000					500,000
NM 0051	Rose Hill Business District Sidewalks	1,156,800	2,985,200					4,142,000
NM 0053	NE 112th Street Sidewalk	266,100						266,100
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
NM 0064 001	Park Lane Pedestrian Corridor Enhancements Phase II	350,000	1,888,900					2,238,900
NM 0073	JEF Non-Motorized Program	75,000	75,000					150,000
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection Ph. 1	246,000	1,054,000					1,300,000
NM 8888	Annual Non-Motorized Program			208,300	605,000	1,043,000	1,043,500	2,899,800
TR 0004 002	Peter Kirk Restroom Renovation	122,100						122,100
TR 0078	NE 85th St/132nd Ave NE Intersection Improvements	42,000	925,400					967,400
TR 0080	NE 85th St/124th Ave NE Intersection Improvements	31,300	1,223,400					1,254,700
TR 0083	100th Ave NE/NE 132nd Street Intersection Improvements	350,000	350,000	2,501,000				3,201,000
TR 0111 003	Kirkland ITS Implementation Phase IIC	453,000	2,498,000					2,951,000
TR 0113	Citywide Safety & Traffic Flow Improvements	150,600	193,300					343,900
TR 8888	Annual Concurrency Traffic Improvements			475,000	543,000	381,300		1,399,300
	Subtotal 2013-2018 CIP Projects	12,720,400	21,902,000	9,987,200	6,610,000	6,691,300	6,878,000	64,788,900
TR 0056 ⁽¹⁾	NE 85th Street HOV Queue Bypass						841,000	841,000
TR 0065 ⁽¹⁾	6th Street/Kirkland Way Traffic Signal			200,000	364,000			564,000
TR 0082 ⁽¹⁾	Central Way/Park Place Center Traffic Signal			200,000				200,000
TR 0090 ⁽¹⁾	Lake Washington Blvd/NE 38th Place Intersection Improvements					500,000		500,000
TR 0096 ⁽¹⁾	NE 132nd St/124th Ave NE Intersection Improvements						5,713,000	5,713,000
TR 0098 ⁽¹⁾	NE 132nd St/116th Way NE (I-405) Intersection Improvements						300,000	300,000
TR 0103 ⁽¹⁾	Central Way/4th Street Intersection Improvements			31,000				31,000
TR 0104 ⁽¹⁾	6th Street/4th Ave Intersection Improvements			200,000	380,000			580,000
TR 0105 ⁽¹⁾	Central Way/5th Street Intersection Improvements			200,000	364,000			564,000
TR 0106 ⁽¹⁾	6th Street/7th Ave Intersection Improvements					89,400		89,400
TR 0107 ⁽¹⁾	Market Street/15th Ave Intersection Improvements					200,000	364,000	564,000
TR 0108 ⁽¹⁾	NE 85th Street/124th Ave NE Intersection Improvements		200,000	500,000	189,000			889,000
	Subtotal Park Place Redevelopment Revenue - Related Projects	-	200,000	1,331,000	1,297,000	789,400	7,218,000	10,835,400
TR 0109 ⁽²⁾	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements			1,500,000				1,500,000
TR 0110 ⁽²⁾	Totem Lake Plaza/120th Ave NE Intersection Improvements		1,500,000					1,500,000
	Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects	-	1,500,000	1,500,000	-	-	-	3,000,000

SURPLUS (DEFICIT) of Resources								
		-	-	-	-	-	-	-

[^] The transportation capital projects totaling \$64,788,900 for the six-year period 2013-18 constitute the funded portion of the City's six-year transportation capital improvement plan (CIP). Project costs and associated funding beyond 2018 are estimates and do not reflect the City's adopted CIP.

⁽¹⁾ Projects associated with Park Place redevelopment

⁽²⁾ Projects associated with Totem Lake redevelopment

Table CF - 8A
Capital Facilities Plan: Transportation Projects -- 2019-2024

SOURCES OF FUNDS

Revenue Type	Revenue Source	2019	2020	2021	2022	2023	2024	Six-Year Total	Multi-Year Total
Local	Gas Tax	450,000	450,000	450,000	450,000	450,000	450,000	2,700,000	6,310,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000	3,240,000
Local	Real Estate Excise Tax	900,000	970,000	900,000	970,000	900,000	900,000	5,540,000	14,685,600
Local	Reserves	180,000	180,000	180,000	180,000	180,000	180,000	1,080,000	4,297,500
Local	Road Levy	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	15,600,000	31,633,000
Local	Solid Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000	3,600,000
Local	Surface Water	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	6,292,200	9,155,700
Local	Impact Fees	391,300	391,300	391,300	391,300	391,300	391,300	2,347,800	4,447,800
External	Grants	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	27,399,300
External	Developer Funded -- Park Place (including Impact Fees)	2,166,400						2,166,400	13,001,800
External	Developer Funded -- Totem Lake (including Impact Fees)			4,000,000				4,000,000	7,000,000
Total Sources		8,806,400	6,710,000	10,640,000	6,710,000	6,640,000	6,640,000	46,146,400	124,770,700

Use of Funds

Funded Projects

Project Number	Project Title	2019	2020	2021	2022	2023	2024	Six-Year Total	Multi-Year Total
ST 0006	Annual Street Preservation Program	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000	21,000,000
ST 0006 002	Annual Street Preservation Program-One-time Project								1,469,000
ST 0006 003	Street Levy Street Preservation	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000	27,533,000
ST 0055	98th Avenue Bridge								1,415,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)								3,642,100
ST 0075	NE 85th Street Utility Conversion								774,700
ST 0080	Annual Striping Program	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000	4,150,000
ST 0082	Juanita Drive Corridor Study								280,000
ST 0083	100th Ave NE Corridor Study								70,000
ST 8888	Annual Concurrence Street Improvements	394,000	414,000	394,000	414,000	394,000	379,000	2,389,000	4,418,900
ST 9999	Regional Inter-Agency Coordination	82,000	82,000	82,000	82,000	82,000	82,000	492,000	984,000
NM 0006 100	Street Levy-Safe School Walk Routes	150,000	150,000	150,000	150,000	150,000	150,000	900,000	1,500,000
NM 0006 200	Street Levy-Pedestrian Safety	150,000	150,000	150,000	150,000	150,000	150,000	900,000	2,090,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000	420,000
NM 0024 000	Cross Kirkland Corridor Trail (Interim)								3,397,000
NM 0024 101	Cross Kirkland Corridor Master Plan								500,000
NM 0051	Rose Hill Business District Sidewalks								4,142,000
NM 0053	NE 112th Street Sidewalk								266,100
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	2,400,000
NM 0064 001	Park Lane Pedestrian Corridor Enhancements Phase II								2,238,900
NM 0073	JEF Non-Motorized Program								150,000
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection Ph. 1								1,300,000
NM 8888	Annual Non-Motorized Program	800,000	900,000	800,000	900,000	800,000	900,000	5,100,000	7,999,800
TR 0004 002	Peter Kirk Restroom Renovation								122,100
TR 0078	NE 85th St/132nd Ave NE Intersection Improvements								967,400
TR 0080	NE 85th St/124th Ave NE Intersection Improvements								1,254,700
TR 0083	100th Ave NE/NE 132nd Street Intersection Improvements								3,201,000
TR 0111 003	Kirkland ITS Implementation Phase IIC								2,951,000
TR 0113	Citywide Safety & Traffic Flow Improvements								343,900
TR 8888	Annual Concurrence Traffic Improvements	394,000	414,000	394,000	414,000	394,000	379,000	2,389,000	3,788,300
Subtotal Future Year Costs		6,640,000	6,710,000	6,640,000	6,710,000	6,640,000	6,640,000	39,980,000	104,768,900
TR 0056 ⁽¹⁾	NE 85th Street HOV Queue Bypass	166,400						166,400	1,007,400
TR 0065 ⁽¹⁾	6th Street/Kirkland Way Traffic Signal								564,000
TR 0082 ⁽¹⁾	Central Way/Park Place Center Traffic Signal								200,000
TR 0090 ⁽¹⁾	Lake Washington Blvd/NE 38th Place Intersection Improvements								500,000
TR 0096 ⁽¹⁾	NE 132nd St/124th Ave NE Intersection Improvements	2,000,000						2,000,000	7,713,000
TR 0098 ⁽¹⁾	NE 132nd St/116th Way NE (I-405) Intersection Improvements								300,000
TR 0103 ⁽¹⁾	Central Way/4th Street Intersection Improvements								31,000
TR 0104 ⁽¹⁾	6th Street/4th Ave Intersection Improvements								580,000
TR 0105 ⁽¹⁾	Central Way/5th Street Intersection Improvements								564,000
TR 0106 ⁽¹⁾	6th Street/7th Ave Intersection Improvements								89,400
TR 0107 ⁽¹⁾	Market Street/15th Ave Intersection Improvements								564,000
TR 0108 ⁽¹⁾	NE 85th Street/124th Ave NE Intersection Improvements								889,000
Subtotal Park Place Redevelopment Revenue - Related Projects		2,166,400	-	-	-	-	-	2,166,400	13,001,800
TR 0109 ⁽²⁾	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements			2,000,000				2,000,000	3,500,000
TR 0110 ⁽²⁾	Totem Lake Plaza/120th Ave NE Intersection Improvements			2,000,000				2,000,000	3,500,000
Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects		-	-	4,000,000	-	-	-	4,000,000	7,000,000

SURPLUS (DEFICIT) of Resources

-	-	-	-	-	-	-	-	-	-
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⁽¹⁾ Projects associated with Park Place redevelopment

⁽²⁾ Projects associated with Totem Lake redevelopment

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

Comp Plan ID Number	Project Description	Total Cost ⁽¹⁾	Cip Project Number	Funded in 6-yr CIP	Source Doc ⁽²⁾	Comp Plan Goal	2022 Concurrency Project
NM20-1	Peter Kirk Elementary Sidewalk	\$ 0.5	NM 0034 001	✓	C, NM	T-2	
NM20-2	116th Ave NE Nonmotorized Facilities	\$ 3.4	NM 0001		C, NM	T-2	
NM20-3	13th Ave Sidewalk (Phase II)	\$ 0.4	NM 0054		C, NM	T-2	
NM20-4	Crestwoods Park/CKC Ped/Bike Facility	\$ 2.5	NM 0031		C, NM	T-2	
NM20-5	93rd Ave NE Sidewalk	\$ 1.0	NM 0032		C, NM	T-2	
NM20-6	NE 52nd Street Sidewalk	\$ 1.1	NM 0007		C, NM	T-2	
NM20-7	Cross Kirkland Corridor Interim Trail	\$ 3.6	NM 0024	✓	C, NM	T-2, T-8	
NM20-8	122nd Avenue NE Sidewalk	\$ 0.9	NM 0055		C, NM	T-2	
NM20-10	NE 100th Street Bike Lane	\$ 1.6	NM 0036		C, NM	T-2	
NM20-11	NE 95th St. Sidewalk (Highlands)	\$ 0.6	NM 0045		C, NM	T-2	
NM20-12	18th Ave West Sidewalk	\$ 2.3	NM 0046		C, NM	T-2	
NM20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.4	NM 0047		C, NM	T-2	
NM20-14	130th Ave NE Sidewalk	\$ 0.8	NM 0037		C, NM	T-2	
NM20-15	NE 90th St. Bicycle/Ped Overpass Across I-405	\$ 3.7	NM 0030		C, NM	T-2	
NM20-16A	NE 90th St Sidewalk (Phase I)	\$ 1.2	NM 0056		C, NM	T-2	
NM20-16B	NE 90th St Sidewalk (Phase II)	\$ 2.6	NM 0026		C, NM	T-2	
NM20-17	NE 60th St Sidewalk	\$ 5.0	NM 0048		C, NM	T-2	
NM20-18	Forbes Valley Pedestrian Facility	\$ 2.0	NM 0041		C, NM	T-2	
NM20-19	NE 126th St NM Facilities	\$ 4.3	NM 0043		C, TL	T-2	
NM20-20	Crosswalk Upgrades (various locations)	\$ 0.2	NM 0012	✓	C, NM	T-2	
NM20-21	Annual Pedestrian Improvements (various locations)		various		NM	T-2	
NM20-22	Annual Bicycle Improvements (various locations)		various		NM	T-2	
NM20-23	112th Ave NE Sidewalk	\$ 0.5	NM 0049		C, NM	T-2	
NM20-24	NE 80th St Sidewalk	\$ 0.9	NM 0050		C, NM	T-2	
NM20-25	Rose Hill Business District Sidewalks	\$ 7.9	NM 0051	✓	C, NM	T-2	
NM20-26	Kirkland Way Sidewalk	\$ 0.4	NM 0063		C, NM	T-2	
NM20-27	NE 112th St Sidewalk	\$ 0.4	NM 0053	✓	C, NM	T-2	
NM20-28	Annual Sidewalk Maintenance Program	\$ 1.2	NM 0057	✓	C, NM	T-2	
NM20-29	111th Ave NM/Emergency Access Connection	\$ 2.0	NM 0058		Highlands	T-2	
NM20-30	6th Street S. Sidewalk	\$ 0.3	NM 0059	✓	C, NM	T-2	
NM20-32	Park Lane Pedestrian Corridor (Phase II)	\$ 1.3	NM 0064 001	✓	C	T-2	
NM20-33	100th Avenue NE Bicycle Lanes	\$ 0.2	NM 0069	✓	C	T-2	
NM20-35	Annual Nonmotorized Program	\$ 3.2	NM 8888	✓	C	T-2	
NM20-36	NE 104th St Sidewalk	\$ 1.1	NM 0061		C	T-2	
NM20-37	19th Ave Sidewalk	\$ 0.8	NM 0062		C	T-2	
NM20-38	NE 132nd Street Sidewalk	\$ 0.4	NM 0071		C	T-2	
NM20-40	Cross Kirkland Corridor Master Plan	\$ 0.5	NM 0024 101	✓	C, NM	T-2, T-8	
NM20-41	NE 132nd Street Sidewalk at Finn Hill Middle School	\$ 0.7	NM 0072		C	T-2	
NM20-42	JEF Non-Motorized Program	\$ 0.2	NM 0073	✓	C	T-2	
NM20-43	90th Ave NE Sidewalk	\$ 0.4	NM 0074		C	T-2	
NM20-44	84th Ave NE Sidewalk	\$ 4.1	NM 0075		C	T-2	
NM20-45	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	\$ 1.1	NM 0076		C	T-2	
NM20-46	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	\$ 1.2	NM 0077		C	T-2	
NM20-47	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	\$ 0.7	NM 0078		C	T-2	
NM20-48	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	\$ 0.6	NM 0079		C	T-2	
NM20-49	Juanita Kingsgate Pedestrian Bridge	\$ 4.5	NM 0080		C, NM	T-2	
NM20-50	South Kirkland TOD/CKC Multi-Modal Connection Phase I	\$ 1.3	NM 0084	✓	C, NM	T-2	
NM20-51	CKC to Redmond Central Corridor Regional Connector	\$ 3.7	NM 0081		C, NM	T-2	
NM20-52	6th Street S. Sidewalk	\$ 0.4	NM 0082		C, NM	T-2	
NM20-53	7th Avenue S. Sidewalk	\$ 0.3	NM 0083		C, NM	T-2	
NM20-54	South Kirkland TOD/CKC Multi-Modal Connection Phase II	\$ 1.2	NM 0085		C, NM	T-2	
NM20-55	Street Levy - Safe Routes to Schools	\$ 0.6	NM 0006 100	✓	C, NM	T-2	
NM20-56	Streets Levy - Pedestrian Safety	\$ 1.2	NM 0006 200	✓	C, NM	T-2	
Subtotal Nonmotorized		\$ 81.4					
ST20-1	118th Ave NE Roadway Extension	\$ 6.4	ST 0060		C, TL	T-4	
ST20-2	119th Ave NE Roadway Extension	\$ 5.6	ST 0061		C, TL	T-4	
ST20-3	120th Ave NE Roadway Improvements	\$ 9.0	ST 0063		C	T-1, T-4	✓
ST20-4	124th Ave NE Roadway Improvements	\$ 10.0	ST 0059		C	T-1, T-4	✓
ST20-5	124th Ave NE Roadway Widening Improvements	\$ 30.3	ST 0064		C	T-4	
ST20-6	132nd Ave NE Roadway Improvements	\$ 25.2	ST 0056		C	T-4	
ST20-7	98th Ave NE Bridge Replacement	\$ 10.2	ST 0055	✓	C	T-4	
ST20-8	120th Ave NE Roadway Extension	\$ 16.4	ST 0073		TL	T-4	
ST20-9	NE 120th St Roadway Extension (east section)	\$ 6.6	ST 0057 001	✓	C	T-1, T-4	✓
ST20-10	120th Ave NE/Totem Lake Plaza Roadway Improvements	\$ 3.0	ST 0070		TL	T-4	
ST20-11	NE 130th Street Roadway Extension	\$ 10.0	ST 0062		C	T-4	
ST20-12	NE 120th St Roadway Improvements (west section)	\$ 5.9	ST 0072		TL	T-4	
ST20-13	Annual Street Preservation Program	\$ 10.5	ST 0006	✓	C	T-4	
ST20-14	NE 132nd St Rdwy Imprv - Phase I (west section)	\$ 1.4	ST 0077		C, 132	T-4	✓
ST20-15	NE 132nd St Rdwy Imprv - Phase II (mid section)	\$ 0.3	ST 0078		C, 132	T-4	✓
ST20-16	NE 132nd St Rdwy Imprv - Phase III (east section)	\$ 1.1	ST 0079		C, 132	T-4	✓
ST20-17	Annual Striping Program	\$ 2.1	ST 0080	✓	C	T-4	
ST20-18	Annual Concurrency Street Improvements	\$ 2.0	ST 8888	✓	C	T-4	✓
ST20-19	Annual Street Pres Program - One-time Project	\$ 1.1	ST 0006 002	✓	C	T-4	
ST20-20	Street Maintenance & Pedestrian Safety	\$ 18.0	ST 0006 003	✓	C	T-4	
ST20-21	Totem Lake Area Development Opportunity Program	\$ 0.5	ST 0081		C	T-4	
ST20-22	Juanita Drive Master Plan	\$ 0.3	ST 0082	✓	C	T-4	
ST20-23	100th Ave NE Roadway Improvements	\$ 10.0	ST 0083 101		C	T-4	
ST20-24	100th Avenue NE Corridor Study	\$ 0.5	ST 0083 000	✓	C	T-4	
ST20-25	Finn Hill Roadway Emergency Vehicle Access Connections	\$ 0.9	ST 0086		C	T-4	
ST20-26	NE 85th Street Utility Undergrounding Conversion	\$ 2.7	ST 0075	✓	C	T-4	
Subtotal Streets		\$ 190.0					

TR20-1	100th Ave NE/NE 124th St Intersection Improvements	\$	2.2	TR 0084		C	T-4	√
TR20-2	Kirkland Way/CKC Abutment/Intersection Imps	\$	6.9	TR 0067		C	T-4, T-2	
TR20-3	6th Street/Kirkland Way Traffic Signal	\$	0.6	TR 0065		C	T-4	
TR20-4	Totem Lake Blvd/120th Ave NE	\$	2.8	TR 0099		C	T-4	
TR20-5	NE 124th St/I-405 Queue Bypass (EB to SB)	\$	1.7	TR 0057		C	T1 T4 T5	
TR20-6	NE 85th St/120th Ave NE Intersection Improvements	\$	5.3	TR 0088		C	BKR T1 T4	√
TR20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$	1.8	TR 0089		C	BKR T1 T4	
TR20-8	NE 85th St HOV/I-405 Queue Bypass	\$	0.8	TR 0056		C	T1 T4 T5	√
TR20-9	Lake Wash Blvd/Northup Way Queue Bypass	\$	6.6	TR 0068		C	T-4	
TR20-10.1	NE 116th St/I-405 Queue Bypass	\$	7.3	TR 0072		C	T1 T4 T5	
TR20-10.2	NE 85th St/I-405 Queue Bypass	\$	1.8	TR 0074		C	T1 T4 T5	
TR20-10.3	NE 70th St/I-405 Queue Bypass	\$	1.7	TR 0073		C	T1 T4 T5	
TR20-10.4	NE 124th St/I-405 Queue Bypass (WB to NB)	\$	1.3	TR 0075		C	T1 T4 T5	√
TR20-11.1	Kirkland Ave/Lake Street South					P20	T-4	
TR20-11.2	Lake Street South/2nd Ave South					P20	T-4	
TR20-11.3	Market Street/Central Way					P20	T-4	
TR20-11.4	Market Street/7th Avenue NE					P20	T-4	
TR20-11.5	NE 53rd Street/108th Ave NE					P20	T-4	
TR20-11.6	NE 60th Street/116th Ave NE					P20	T-4	
TR20-11.7	NE 60th Street/132nd Avenue NE					P20	T-4	
TR20-11.8	NE 64th Street/Lake Washington Blvd					P20	T-4	
TR20-11.9	NE 70th Street/120th Avenue NE or 122nd Avenue NE					P20	T-4	
TR20-11.10	NE 80th Street/132nd Avenue NE					P20	T-4	
TR20-11.11	NE 112th Street/124th Avenue NE					P20	T-4	
TR20-11.13	NE 116th Street/124th Avenue NE	\$	1.7	TR 0092		C	T-4	
TR20-11.12	NE 116th Street/118th Avenue NE					P20	T-4	
TR20-11.14	NE 126th Street/132nd Place NE					P20	T-4	
TR20-11.15	NE 128th Street/Totem Lake Blvd					P20	T-4	
TR20-11.16	NE 100th Street/132nd Avenue NE					P20	T-4	
TR20-11.17	Market Street/Forbes Creek Drive					P20	T-4	
TR20-11.18	NE 112th Street/120th Avenue NE					P20	T-4	
TR20-11.19	Totem Lake Blvd/120th Avenue NE					P20	T-4	
TR20-12	NE 70th Street/132nd Ave NE Intersection Imp	\$	4.6	TR 0086		C	T-4	√
TR20-13	Lake Wash Blvd/NE 38th Place Intersection Imp	\$	0.5	TR 0090		C	T-4	
TR20-14	NE 124th St/124th Ave NE Intersection Imp	\$	3.5	TR 0091		C	T-4	
TR20-15	NE 132nd Street/100th Ave NE Intersection Imp	\$	3.2	TR 0083	√	C	T-4	√
TR20-16	Central Way/Park Place Center Traffic Signal	\$	0.2	TR 0082		C	T-4	
TR20-17	NE 132nd Street/124th Ave NE Intersection Imp	\$	5.7	TR 0096		C	T-4	√
TR20-18	NE 132nd Street/116th Way NE Intersection Imp	\$	0.3	TR 0098		C	T-4	√
TR20-20	Central Way/4th Street Intersection Imp	\$	0.03	TR 0103		C	T-4	
TR20-21	6th Street/4th Ave Intersection Imp	\$	0.6	TR 0104		C	T-4	
TR20-22	Central Way/5th Street Intersection Imp	\$	0.6	TR 0105		C	T-4	
TR20-23	6th Street/7th Ave Intersection Improvements	\$	0.1	TR 0106		C	T-4	
TR20-24	Market Street/15th Ave Intersection Imp	\$	0.6	TR 0107		C	T-4	
TR20-25	NE 85th Street/124th Ave NE Intersection Imp	\$	0.9	TR 0108		C	T-4	
TR20-26	Totem Lake Plaza/Totem Lake Blvd Intersection Imp	\$	1.5	TR 0109		C	T-4	
TR20-27	NE 132nd St/Juanita HS Access Road Intersection Imp	\$	0.9	TR 0093		C	T-4	
TR20-28	Totem Lake Plaza/120th Ave NE Intersection Imp	\$	1.5	TR 0110		C	T-4	
TR20-29	NE 132nd St/108th Ave NE Intersection Imp	\$	0.6	TR 0094		C	T-4	
TR20-30	NE 132nd St/Fire Station Access Dr Intersection Imp	\$	0.4	TR 0095		C	T-4	
TR20-31	NE 132nd St/132nd Ave NE Intersection Imp	\$	0.9	TR 0097		C	T-4	
TR20-32	NE 85th Street/132nd Ave NE Intersection Imp (Phase I)	\$	2.2	TR 0078	√	C	T-4	
TR20-33	NE 85th Street/124th Ave NE Intersection Imp	\$	2.0	TR 0080	√	C	T-4	
TR20-34	Annual Concurrency Traffic Improvements	\$	1.4	TR 8888	√	C	T-4	√
TR20-35	Kirkland ITS Improvements - Phase I	\$	2.0	TR 0111 000	√	C	T-4	
TR20-36	Kirkland ITS Improvements - Phase II	\$	4.1	TR 0111 001		C	T-4	
TR20-37	Peter Kirk Restroom Renovation	\$	0.1	TR 0004 002	√	C	T-4	
TR20-38	Citywide Safety & Traffic Flow Improvements	\$	0.3	TR 0113	√	C	T-4	
TR20-39	6th Street & Central Way Intersection Improvements Phase 2	\$	1.9	TR 0100 100		C	T-4	
TR20-40	Kirkland ITS Improvements - Phase II B	\$	2.6	TR 0111 002		C	T-4	
TR20-41	Kirkland ITS Improvements - Phase II C	\$	2.9	TR 0111 003	√	C	T-4	
TR20-42	Slater Ave NE Traffic Calming - Phase I	\$	0.3	TR 0114		C	T-4	
			Subtotal Traffic \$	88.9				

Notes:

- (1) *12 Costs in millions; Funded projects indexed for inflation
- (2) C = CIP, NM = Non-Cap List, P20 = 20 year list, 132 = 132nd Street Masterplan (2008), Highland = Highlands Neighborhood Plan

Table CF - 10
2022 Concurrency Transportation Projects List

Comp Plan ID Number	Project Description	Remaining Costs (1)	CIP Project Number	Funded in 6-yr CIP	Source Doc (2)	Comp Plan Goal	2022 Concurrency Project
ST20-3	120th Avenue NE, NE 128th Street to NE 132nd Street	\$ 9.0	ST 0063	No	C	T-1, T-4	√
ST20-4	124th Avenue NE, NE 116th Street to NE 124th Street	\$ 10.0	ST 0059	No	C	T-1, T-4	√
ST20-9	NE 120th Street (east section), from Slater Avenue NE to 124th Avenue NE	\$ 5.7	ST 0057-001	Yes	C	T-1, T-4	√
ST20-14	NE 132nd St Rdwy Imprv - Phase I (west section)	\$ 1.4	ST 0077	No	C, 132	T-4	√
ST20-15	NE 132nd St Rdwy Imprv - Phase II (mid section)	\$ 0.3	ST 0078	No	C, 132	T-4	√
ST20-16	NE 132nd St Rdwy Imprv - Phase III (east section)	\$ 1.1	ST 0079	No	C, 132	T-4	√
ST20-18	Annual Concurrency Street Improvements	\$ 4.0	ST 8888	Yes	C	T-4	√
TR20-1	100th Avenue NE / NE 124th Street	\$ 2.2	TR 0084	No	C	T-4	√
TR20-6	NE 85th Street / 120th Avenue NE	\$ 5.3	TR 0088	No	C	BKR, T-1, T-4	√
TR20-8	NE 85th Street and I-405, HOV Queue By-pass east to southbound	\$ 0.8	TR 0056	No	C	T-1, T-4, T-5	√
TR20-10.4	NE 124th Street / I-405 HOV Queue By-pass, westbound to northbound	\$ 1.3	TR 0075	No	C	T-1, T-4, T-5	√
TR20-11.19	Totem Lake Boulevard / 120th Avenue NE.	\$ 1.5	TR 0110	No	C	T-1, T-4, T-5	√
TR20-12	NE 70th Street / 132nd Avenue NE	\$ 4.6	TR 0086	No	C	BKR, T-1, T-4	√
TR20-15	NE 132nd Street / 100th Avenue NE	\$ 3.0	TR 0083	No	C	BKR, T-1, T-4	√
TR20-17	NE 132nd Street / 124 th Avenue NE	\$ 5.7	TR 0096	No	C, 132	T-4	√
TR20-18	NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405	\$ 0.3	TR 0098	No	C, 132	T-4	√
TR20-34	Annual Concurrency Traffic Improvements	\$ 0.6	TR 8888	Yes	C	T-4	√

CONCURRENCY PROJECT LIST TOTAL (*10 Costs w/o INFLATION) \$ 56.80

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

AVERAGE ANNUAL CONCURRENCY PROJECT EXPENDITURE \$ 4.73

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

Table CF - 10A
Capital Facilities Plan: Utility Projects

SOURCE OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Utility Rates	2,408,000	2,408,000	2,408,000	2,408,000	2,408,000	2,408,000	14,448,000
Local	Connection Fees	865,000	865,000	865,000	865,000	865,000	865,000	5,190,000
Local	Reserves	922,000	478,000	969,000	431,000	950,000	450,000	4,200,000
Local	Debt	885,700	3,152,300					4,038,000
Total Sources		5,080,700	6,903,300	4,242,000	3,704,000	4,223,000	3,723,000	27,876,000

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm	50,000		50,000		50,000		150,000
WA 0102	104th Ave NE Watermain Replacement					974,500		974,500
WA 0116	NE 80th Street Watermain Replacement (Phase II)	442,000	2,394,400					2,836,400
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	156,300						156,300
WA 0134	5th Ave S / 8th St S Watermain Replacement						850,000	850,000
WA 0139	6th Street S Watermain Replacement			785,000				785,000
WA 0140	NE 85th Street Watermain Replacement	2,494,400	871,800					3,366,200
WA 0145	Kirkland Avenue/6th Street S Watermain Replacement				785,000			785,000
WA 0148	Park Lane Watermain Replacement	62,000	235,000					297,000
WA 8888	Annual Watermain Replacement Program					562,100	402,700	964,800
WA 9999	Annual Water Pump Station/System Upgrade Pgm					562,100	402,700	964,800
SS 0056	Emergency Sewer Construction Program	922,000	478,000	969,000	431,000	950,000	450,000	4,200,000
SS 0064	7th Avenue South Sewermain Replacement		464,400	824,600				1,289,000
SS 0067	NE 80th Street Sewermain Replacement (Phase II)	600,000	1,836,000					2,436,000
SS 0073	Rose Point Sewer Lift Station Replacement			1,088,400	1,471,400			2,559,800
SS 0078	5th Avenue S Sewermain Replacement		188,900	38,000				226,900
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement			487,000	740,000			1,227,000
SS 0080	20th Avenue Sewermain Replacement						812,000	812,000
SS 0081	7th / 8th Avenue West Alley Sewermain Replacement	354,000						354,000
SS 8888	Annual Sanitary Pipeline Replacement Program		217,400		138,300	562,100	402,800	1,320,600
SS 9999	Annual Sanitary Pump Station/System Upgrade Pgm		217,400		138,300	562,200	402,800	1,320,700
Total Funded Utility Projects		5,080,700	6,903,300	4,242,000	3,704,000	4,223,000	3,723,000	27,876,000

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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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>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Utility Rates	1,588,000	1,588,000	1,588,000	1,588,000	1,588,000	1,588,000	9,528,000
Local	Reserves	3,087,000	351,400	50,000		50,000		3,538,400
External	Grants	224,200	1,062,700					1,286,900
Total Sources		4,899,200	3,002,100	1,638,000	1,588,000	1,638,000	1,588,000	14,353,300

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
SD 0047	Annual Replacement of Aging/Failing Infrastructure	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.		340,000	667,100	450,000			1,457,100
SD 0051	Forbes Creek/KC Metro Access Road Culvert Enh.					688,000	370,700	1,058,700
SD 0053	Forbes Creek/Coors Pond Channel Grade Controls						164,700	164,700
SD 0058	Surface Water Sediment Pond Reclamation Phase II			497,600	238,000			735,600
SD 0059	Totem Lake Boulevard Flood Control Measures	302,800	1,048,000					1,350,800
SD 0067	NE 129th Place/Juanita Creek Rockery Repair			223,300				223,300
SD 0075	Totem Lake Twin 42 Inch Culvert Replacement	3,494,000						3,494,000
SD 0076	NE 141st Street/111th Avenue NE Culvert Repair	181,500						181,500
SD 0077	Goat Hill Storm Drainage Repair		153,700					153,700
SD 0078	Billy Creek Ravine Stabilization Phase II		67,400					67,400
SD 0079	Public Safety Building Stormwater Quality Demonstration	160,000						160,000
SD 0081	Neighborhood Drainage Assistance Program (NDA)	50,000		50,000		50,000		150,000
SD 0082	Kirkland Decant Facility Expansion	75,000	1,193,000					1,268,000
SD 8888	Annual Streambank Stabilization Program	217,900			350,000	350,000	425,000	1,342,900
SD 9999	Annual Surface Water Infrastructure Replacement Program	218,000			350,000	350,000	427,600	1,345,600
Total Funded Surface Water Utility Projects		4,899,200	3,002,100	1,638,000	1,588,000	1,638,000	1,588,000	14,353,300

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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Table CF - 11
Capital Facilities Plan: Parks Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Real Estate Excise Tax	718,000	740,000	762,000	785,000	808,000	832,000	4,645,000
Local	Reserves	138,000						138,000
Local	Kirkland Park Levy	725,000	1,125,000	1,250,000	1,250,000	1,250,000	1,250,000	6,850,000
Local	Carryover PY Savings	247,000	124,000					371,000
External	Grants						500,000	500,000
Total Sources		1,828,000	1,989,000	2,012,000	2,035,000	2,058,000	2,582,000	12,504,000

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
PK 0049	Open Space, Pk Land & Trail Acq Grant Match Program	100,000						100,000
PK 0066	Park Play Area Enhancements			50,000	50,000	50,000	50,000	200,000
PK 0087 100	Waverly Beach Park Renovation	115,000	624,000					739,000
PK 0095 200	Heritage Park - Heritage Hall Renovations	50,000						50,000
PK 0113 100	Spinney Homestead Park Renovation	493,000						493,000
PK 0114 101	Mark Twain Park Renovation (Design)					75,000		75,000
PK 0115	Terrace Park Renovation	75,000	440,000					515,000
PK 0116 100	Lee Johnson Field Lighting Replacements		150,000					150,000
PK 0119	Juanita Beach Park Development Phase 2					100,000	1,207,000	1,307,000
PK 0119 100	Juanita Beach Bathhouse Replacement & Shelter			200,000	1,000,000			1,200,000
PK 0121	Green Kirkland Forest Restoration Program	75,000	75,000	75,000	75,000	75,000	75,000	450,000
PK 0131	Park and Open Space Acquisition Program					508,000		508,000
PK 0133 100	Dock & Shoreline Renovations	150,000	150,000	250,000	250,000			800,000
PK 0133 200	City-School Playfield Partnership					500,000	500,000	1,000,000
PK 0133 300	Neighborhood Park Land Acquisition	475,000	375,000			750,000	750,000	2,350,000
PK 0133 400	Edith Moulton Park Renovation	100,000	100,000	800,000				1,000,000
PK 0134	132nd Park Playfields Renovation	75,000		637,000				712,000
PK 0138	Everest Park Restroom/Storage Building Replacement		75,000		660,000			735,000
PK 0139 100	Totem Lake Park Master Plan	120,000						120,000
Total Funded Parks Projects		1,828,000	1,989,000	2,012,000	2,035,000	2,058,000	2,582,000	12,504,000

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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Table CF-12
Capital Facilities Plan: Public Safety Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	General Fund	776,600	632,200	127,100	187,900	683,200	292,800	2,699,800
Total Sources		776,600	632,200	127,100	187,900	683,200	292,800	2,699,800

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
PS 0067	Dive Rescue Equipment		55,000					55,000
PS 0071	Self Contained Breathing Apparatus (SCBA)	741,600					9,000	750,600
PS 0075	Portable Radios					347,000		347,000
PS 0076	Personal Protective Equipment		518,200			400		518,600
PS 0077	Hose Replacement	35,000	1,300	7,700	2,200	10,000	3,200	59,400
Subtotal Funded Fire and Building Projects		776,600	574,500	7,700	2,200	357,400	12,200	1,730,600
PS 1000	Police Equipment Replacement		57,700	119,400	185,700	325,800	280,600	969,200
Subtotal Funded Police Projects		-	57,700	119,400	185,700	325,800	280,600	969,200
Total Funded Public Safety Projects		776,600	632,200	127,100	187,900	683,200	292,800	2,699,800
SURPLUS (DEFICIT) of Resources		-						

CFP TABLE MODIFICATION SUMMARY 2013

TABLE CF8 – Capital Facilities Plan: Transportation Projects

SOURCES OF FUNDS:

No changes

USES OF FUNDS:

Modified:

ST 0055 – 98th Avenue Bridge Moved from unfunded to funded
 NM 0053 – NE 112th Street Sidewalk Moved from unfunded to funded

New:

ST 0075 – NE 85th Street Utility Conversion this is technically a “new” project (even though it is completed) to be consistent with the revised CIP.
 NM 0006 100 – Street Levy Safe School Walk Routes
 NM 0006 200 – Street Levy Pedestrian Safety
 NM 0084 – South Kirkland TOD/CKC Multi-Modal Connection Ph. 1
 TR 0004 002 – Peter Kirk Restroom Renovation

Reintroduced:

NM 0051 – Rose Hill Business District Sidewalks
 TR 0078 – NE 85th Street/132nd Avenue NE Intersection Improvements
 TR 0080 – NE 8th Street/124th Avenue NE Intersection Improvements

TABLE CF8A – Capital Facilities Plan: Transportation Projects

SOURCES OF FUNDS:

No changes

USES OF FUNDS:

Modified:

ST 0055 – 98th Avenue Bridge - Moved from unfunded to funded
 M 0053 – NE 112th Street Sidewalk Moved from unfunded to funded

New:

ST 0075 - NE 85th Street Utility Conversion - This is technically a “new” project (even though it is completed) to be consistent with the revised CIP.
 ST 0083 – 100th Ave NE Corridor Study
 NM 0006 100 – Street Levy Safe School Walk Routes
 NM 0006 200 – Street Levy Pedestrian Safety
 NM 0051 – Rose Hill Business District Sidewalks
 NM 0064 001 – Park Lane Pedestrian Corridor Enhancements Phase II
 NM 0084 – South Kirkland TOD/CKC Multi-Modal Connection Ph. 1
 TR 0004 002 – Peter Kirk Restroom Renovation
 TR 0111 003 – Kirkland ITS Implementation Phase IIC

Reintroduced:

TR 0078 – NE 85th Street/132nd Ave NE Intersection Improvements
 TR 0080 – NE 85th Street/124th Ave NE Intersection Improvements

TABLE CF9 – Transportation Projects List (Funded-Unfunded)

Removed/Completed:

NM20-31 Elementary School Walk Route Enhancements
 NM20-34 12th Avenue Sidewalk

New:

NM20-49 Juanita Kingsgate Pedestrian Bridge (NM 0080)
 NM20-50 South Kirkland TOD/CKC Multi-Modal Connection Phase I (NM 0084)
 NM20-51 CKC to Redmond Central Corridor Regional Connector (NM 0081)
 NM20-52 6th Street S. Sidewalk (NM 0082)
 NM20-53 7th Avenue S. Sidewalk (NM 0083)
 NM20-54 South Kirkland TOD/CKC Multi-Modal Connection Phase II (NM 0085)
 NM20-55 Street Levy – Safe Routes to Schools (NM 0006 100)
 NM20-56 Streets Levy – Pedestrian Safety (NM 0006 200)
 ST20-24 100th Ave NE Corridor Study (ST 0083)
 ST20-25 Finn Hill Roadway emergency Vehicle Access Connections (ST 0086)
 ST20-26 NE 85th Street Utility Undergrounding Conversion (ST 0075)
 TR20-37 Peter Kirk Restroom Renovation

Reintroduced:

NM20-1 Peter Kirk Elementary Sidewalk (NM 0034 001)
 NM20-25 Rose Hill Business District Sidewalks (NM 0051)
 NM20-30 6th Street Sidewalk (NM 0059)
 NM20-33 100th Avenue NE Bicycle Lanes (NM 0069)
 TR20-32 NE 85th St/132nd Ave NE Intersection Improvements Phase 1 (TR 0078)
 TR20-33 NE 85th St/124th Ave NE Intersection Improvements (TR 0080)
 TR20-35 Kirkland ITS Improvements Phase 1 (TR 0111)

TABLE CF10 – Concurrency Transportation Projects List

No longer concurrency:

TR20-5 NE 124th St/I-405 Queue Bypass (EB to SB)
 TR20-27 NE 132nd St/Juanita HS Access Road Intersection Improvements
 TR20-29 NE 132nd St/108th Avenue Ne Intersection Improvements
 TR20-31 NE 132nd Street/132nd Avenue NE Intersection Improvements

New concurrency:

ST20-14 NE 132nd Street Roadway Improvements Phase I (west section)
 ST20-15 NE 132nd Street Roadway Improvements Phase II (mid-section)
 ST20-16 NE 132nd Street Roadway Improvements Phase III (east section)

TABLE CF10A – Capital Facilities Plan: Utility Projects

SOURCE/USES OF FUNDS

Modified:

SS 0064 - 7th Ave S Sewer changed from unfunded to funded

TABLE CF10B – Capital Facilities Plan: Surface Water Utility Projects

SOURCE OF FUNDS

No changes.

USES OF FUNDS

New:

SD 0082 – Kirkland Decant Facility Expansion

TABLE CF11 – Capital Facilities Plan: Parks Projects

SOURCE OF FUNDS

No changes.

USES OF FUNDS

New:

PK 0139 100 – Totem Lake Park Master Plan

TABLE CF12 – Capital Facilities Plan: Fire and Building Department Projects

SOURCE OF FUNDS

No changes.

USES OF FUNDS

New:

PS 0077 – Hose Replacement



CITY OF KIRKLAND
Planning and Community Development Department
123 Fifth Avenue, Kirkland, WA 98033
425.587-3225 - www.kirklandwa.gov

MEMORANDUM

To: Eric R. Shields, AICP
Planning Director

From: Joan Lieberman-Brill, AICP, Senior Planner

Date: October 8, 2013

Subject: Environmental Determination – SEPA Determination of Non-Significance
Case No.SEP13- 01717; 2013 City Initiated Comprehensive Plan Amendments

I have had an opportunity to review the environmental checklist for the project referenced above. I have not identified any significant adverse environmental impacts. Therefore, I recommend that a Determination of Non-Significance be issued for this proposed action.

Should you have any questions, please contact me.

Review by Responsible Official:

I concur

I do not concur

Comments: _____

Eric R. Shields, AICP
Planning Director

Oct. 8, 2013

Date



CITY OF KIRKLAND
Planning and Community Development Department
 123 Fifth Avenue, Kirkland, WA 98033
 425.587-3225 - www.kirklandwa.gov

SEPA ENVIRONMENTAL DOCUMENTS

If an application for a land use or building permit is subject to environmental review under Chapter 43.21C RCW, all SEPA environmental documents must be submitted with the filing of a land use permit or building permit application or the City will not accept the application.

The following is a list of the environmental documents that must be submitted with the land use or building permit application:

1. **Environmental Checklist.** The checklist form can be obtained from the Kirkland Planning Department.
2. **Road concurrency test decision memo.** Applicants must pass road concurrency *before* submitting for a land use or building permit and the environmental documents. Concurrency application forms are available from Public Works or the Planning Departments. If the application passes road concurrency, the Public Works Department's Transportation Engineer will provide the applicant or applicant's traffic engineer with a concurrency test decision memo and traffic information that needs to be included in the Traffic Impact Analysis. A copy of this memo must be submitted to show that road concurrency has been passed.
3. **Traffic Impact Analysis.** Traffic Impact Analysis Guidelines can be obtained from the Planning or Public Works Departments. The Traffic Impact Analysis is to be completed after the road concurrency test has been successfully passed. Information from the City's Transportation Engineer is to be included in the Traffic Impact Analysis along with all other information specified in the guidelines.
4. **Other supplemental environmental information.** Ask the assigned planner at the pre-application meeting what other environmental information will be required with the environmental submittal. All studies and reports must be prepared by a licensed and qualified specialist in the field and approved by the City. Supplemental impact assessment reports or studies that may be required include, but not be limited to the following:
 - Lighting
 - Environmental health hazard
 - Historic
 - Wetland and/or stream delineation and analysis, prepared or reviewed by the City's consultant
 - Hydrology
 - Wildlife
 - Views
 - Noise
 - Geotechnical soils analysis

YOU ARE ENCOURAGED TO MEET WITH A PLANNER FROM THE DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT PRIOR TO AND DURING PROJECT DESIGN TO DISCUSS PROJECT DESIGN AND PROJECT COMPLIANCE WITH CITY REGULATIONS AND TO OBTAIN GUIDANCE ON THE ENVIRONMENTAL MATERIALS THAT YOU MUST SUBMIT.



CITY OF KIRKLAND ENVIRONMENTAL CHECKLIST

Purpose of Checklist:

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the City identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the City decide whether an EIS is required.

Instructions for Applicants:

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant requiring preparation of an EIS. Answer the questions briefly with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply." Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the City staff can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The City may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impacts.

Use of Checklist for Non-project Proposals:

Complete this checklist for non-project proposals, even though questions may be answered "does not apply." IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS (Part D).

For non-project actions, the references in the checklist to the words "project," "applicant," and "property or site" should be read as "proposal," "proposer," and "affected geographic area," respectively.

A. BACKGROUND

1. Name of proposed project, if applicable: 2013 City Initiated Comprehensive Plan Amendments (CAM13-01717)
2. Name of applicant: City of Kirkland Planning Department

3. Address and phone number of applicant and contact person:
Joan Lieberman-Brill
123 5th Avenue
Kirkland, WA 98033
4. Date checklist prepared: September 30, 2013.
5. Agency requesting checklist: City of Kirkland Planning Dept.
6. Proposed timing or schedule (including phasing, if applicable): N.A.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

N.A. This is a non-project action.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

City of Kirkland 2004 Draft and Final Comprehensive Plan 10-Year Update EIS applies to pre- Juanita, Finn Hill, Kingsgate Annexation area, only.
9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No
10. List any government approvals or permits that will be needed for your proposal, if known.

City Council ordinance adoption, Houghton Community Council Final Approval
11. Give brief, complete description of your proposal, including the proposed uses, the size and scope of the project and site including dimensions and use of all proposed improvements. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page.

2013 City Initiated Comprehensive Plan Amendments. All are non-project actions that do not involve a site specific project. All amendments reconcile the adopted 2013-2018 CIP with the CFP. Amendments update the CFP Element Capital Facilities Plan project Tables CF-8 through CF-12 and Transportation Element Table T-5 Project Descriptions for the 2022 Transportation Project List (Funded and Unfunded) and Figure T-6: Transportation Project List Funded/Unfunded Map, to be consistent with the adopted CIP. (See Attachment 1 - 3)
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

a. What types of emissions to the air would result from the proposal (i.e., dust, automobile, odors, industrial wood smoke) during construction and when the project is completed? If any, generally describe and give approximate quantities if known.

N.A.

b. Are there any offsite sources of emissions or odor that may affect your proposal? If so, generally describe.

N.A.

c. Proposed measures to reduce or control emissions or other impacts to air, if any:

N.A.

3. WATER

a. Surface

1) Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into.

N.A.

2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

N.A.

3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

N.A.

4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

N.A.

5) Does the proposal lie within a 100-year flood plain? If so, note location on the site plan.

N.A.

6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

N.A.

b. Ground

1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known.

N.A.

2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals...; agricultural; etc.) Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve.

N.A.

c. Water Runoff (including storm water):

1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe.

N.A.

2) Could waste materials enter ground or surface waters? If so, generally describe.

N.A.

d. Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:

N.A.

4. PLANTS

a. Place an "X" next to the types of vegetation found on the site:

- _____ deciduous tree: alder, maple, aspen, other
- _____ evergreen tree: fir, cedar, pine, other
- _____ shrubs
- _____ grass
- _____ pasture
- _____ crop or grain
- _____ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- _____ water plants: water lily, eelgrass, milfoil, other
- _____ other types of vegetation

b. What kind and amount of vegetation will be removed or altered?

a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe.

N.A.

1) Describe special emergency services that might be required.

N.A.

2) Proposed measures to reduce or control environmental health hazards, if any:

N.A.

b. Noise

1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?

N.A.

2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site.

N.A.

3) Proposed measures to reduce or control noise impacts, if any:

N.A.

8. LAND AND SHORELINE USE

a. What is the current use of the site and adjacent properties?

N.A.

b. Has the site been used for agriculture? If so, describe.

N.A.

c. Describe any structures on the site.

N.A.

d. Will any structures be demolished? If so, what?

N.A.

e. What is the current zoning classification of the site?

N.A.

f. What is the current comprehensive plan designation of the site?

N.A.

11. LIGHT AND GLARE

a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

N.A.

b. Could light or glare from the finished project be a safety hazard or interfere with views?

N.A.

c. What existing off-site sources of light or glare may affect your proposal?

N.A.

d. Proposed measures to reduce or control light and glare impacts, if any:

N.A.

12. RECREATION

a. What designated and informal recreational opportunities are in the immediate vicinity?

N.A.

b. Would the proposed project displace any existing recreational uses? If so, describe.

N.A.

c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

N.A.

13. HISTORICAL AND CULTURAL PRESERVATION

a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

N.A.

b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

N.A.

c. Proposed measures to reduce or control impacts, if any:

N.A.

14. TRANSPORTATION

a. Identify public streets and highways serving the site, and describe proposed access to the existing street system. Show onsite plans, if any.

N.A.

b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

N.A.

c. How many parking spaces would the completed project have? How many would the project eliminate?

N.A.

d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).

N.A.

e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.

N.A.

f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.

N.A.

g. Proposed measures to reduce or control transportation impacts, if any:

N.A.

15. PUBLIC SERVICES

a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

N.A.

b. Proposed measures to reduce or control direct impacts on public services, if any.

N.A.

16. UTILITIES

a. What utilities (e.g.: electricity, natural gas, water, refuse service, telephone,

sanitary sewer, septic system, other) are currently available at the site?

N.A.

- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.

N.A.

C. SIGNATURE

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: _____

Date Submitted: _____

D. SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS

(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

- 1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?
NA.

Proposed measures to avoid or reduce such increases are:

NA.

- 2. How would the proposal be likely to affect plants, animals, fish, or marine life?

N.A.

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

N.A.

3. How would the proposal be likely to deplete energy or natural resources?

N.A.

Proposed measures to protect or conserve energy and natural resources are:

NA.

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

N.A.

Proposed measures to protect such resources or to avoid or reduce impacts are:

The annual update of the sensitive areas map starting with this 2012 cycle, will provide more up to date base line information about the location of wetlands and surface water.

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

The 2013 city initiated Comprehensive Plan amendments do not include any proposed rezones; therefore there will be no new net impacts to land or shoreline use.

Proposed measures to avoid or reduce shoreline and land use impacts are:

N.A.

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

The 2013 city initiated Comprehensive Plan amendments do not include any rezones; therefore there will be no increase demands on transportation or public services and utilities.

Proposed measures to reduce or respond to such demand(s) are:

Changes to the Capital Facilities Plan are required each year to bring it into consistency with the Capital Improvement Program. These projects intend to mitigate demands on transportation and public services and utilities. There are two funded projects added to the CIP/CFP that will commence in 2013/14; a multi-modal connection between the CKC and the South Kirkland Park & Ride Garage and a decant facility at the City's Maintenance Center. In addition, six on-going Transportation projects have been reintroduced to the 2013-2018 CFP in order to be consistent with the 2013-2018 CIP; the projects were added back for improved CIP tracking purposes. Finally, nine unfunded projects are added to the 2022 Transportation Project List, which will be reviewed for funding in future CIP/CFP cycles.

Horizontal lines for text entry corresponding to each question and answer.

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

N.A.

[Statutory Authority: RCW 43.21C.110. 84-05-020 (Order DE 83-39), § 197-11-960, filed 2/10/84, effective 4/4/84.]

Table CF - 8
Capital Facilities Plan: Transportation Projects -- 2013-2018

SOURCES OF FUNDS								
Revenue Type	Revenue Source	2013	2014	2015	2016	2017	2018	Six-Year Total
Local	Gas Tax	558,000	575,000	592,000	610,000	628,000	647,000	3,610,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000
Local	Real Estate Excise Tax	1,424,000	1,467,000	1,445,600	1,556,000	1,602,000	1,651,000	9,145,600
Local	Reserves	543,700	817,500	416,300	480,000	480,000	480,000	3,217,500
Local	Road Levy	3,059,000	2,574,000	2,600,000	2,600,000	2,600,000	2,600,000	16,033,000
Local	Solid Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000
Local	Surface Water	210,000	924,400	243,800	444,000	461,300	580,000	2,863,500
Local	Impact Fees	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000
External	Grants	6,005,700	14,624,100	3,769,500				24,399,300
	Subtotal 2013-2018 Fund Sources excluding Park Place & Totem Lake	12,720,400	21,902,000	9,987,200	6,610,000	6,691,300	6,878,000	64,788,900
External	Developer Funded -- Park Place (including Impact Fees)		200,000	1,331,000	1,297,000	789,400	7,218,000	10,835,400
External	Developer Funded -- Totem Lake (including Impact Fees)		1,500,000	1,500,000				3,000,000
	Total Sources	12,720,400	23,602,000	12,818,200	7,907,000	7,480,700	14,096,000	78,624,300

Use of Funds**Funded Projects**

Project Number	Project Title	2013	2014	2015	2016	2017	2018	Six-Year Total
ST 0006	Annual Street Preservation Program	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000
ST 0006 002	Annual Street Preservation Program-One-time Project	42,500	158,000	1,268,500				1,469,000
ST 0006 003	Street Levy Street Preservation	1,959,000	2,574,000	2,300,000	2,300,000	2,300,000	2,300,000	13,733,000
ST 0055	98th Avenue Bridge	390,000	1,025,000					1,415,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)	541,300	3,100,800					3,642,100
ST 0075	NE 85th Street Utility Conversion	774,700						774,700
ST 0080	Annual Striping Program	300,000	350,000	350,000	350,000	350,000	350,000	2,050,000
ST 0082	Juanita Drive Corridor Study	200,000	80,000					280,000
ST 0083	100th Ave NE Corridor Study	70,000						70,000
ST 8888	Annual Concurrency Street Improvements			482,400	480,000	215,000	852,500	2,029,900
ST 9999	Regional Inter-Agency Coordination	82,000	82,000	82,000	82,000	82,000	82,000	492,000
NM 0006 100	Street Levy-Safe School Walk Routes			150,000	150,000	150,000	150,000	600,000
NM 0006 200	Street Levy-Pedestrian Safety	590,000		150,000	150,000	150,000	150,000	1,190,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000
NM 0024 000	Cross Kirkland Corridor Trail (Interim)	2,158,000	1,239,000					3,397,000
NM 0024 101	Cross Kirkland Corridor Master Plan	350,000	150,000					500,000
NM 0051	Rose Hill Business District Sidewalks	1,156,800	2,985,200					4,142,000
NM 0053	NE 112th Street Sidewalk	266,100						266,100
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
NM 0064 001	Park Lane Pedestrian Corridor Enhancements Phase II	350,000	1,888,900					2,238,900
NM 0073	JEF Non-Motorized Program	75,000	75,000					150,000
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection Ph. 1	246,000	1,054,000					1,300,000
NM 8888	Annual Non-Motorized Program			208,300	605,000	1,043,000	1,043,500	2,899,800
TR 0004 002	Peter Kirk Restroom Renovation	122,100						122,100
TR 0078	NE 85th St/132nd Ave NE Intersection Improvements	42,000	925,400					967,400
TR 0080	NE 85th St/124th Ave NE Intersection Improvements	31,300	1,223,400					1,254,700
TR 0083	100th Ave NE/NE 132nd Street Intersection Improvements	350,000	350,000	2,501,000				3,201,000
TR 0111 003	Kirkland ITS Implementation Phase IIC	453,000	2,498,000					2,951,000
TR 0113	Citywide Safety & Traffic Flow Improvements	150,600	193,300					343,900
TR 8888	Annual Concurrency Traffic Improvements			475,000	543,000	381,300		1,399,300
	Subtotal 2013-2018 CIP Projects	12,720,400	21,902,000	9,987,200	6,610,000	6,691,300	6,878,000	64,788,900
TR 0056 ⁽¹⁾	NE 85th Street HOV Queue Bypass						841,000	841,000
TR 0065 ⁽¹⁾	6th Street/Kirkland Way Traffic Signal			200,000	364,000			564,000
TR 0082 ⁽¹⁾	Central Way/Park Place Center Traffic Signal			200,000				200,000
TR 0090 ⁽¹⁾	Lake Washington Blvd/NE 38th Place Intersection Improvements					500,000		500,000
TR 0096 ⁽¹⁾	NE 132nd St/124th Ave NE Intersection Improvements						5,713,000	5,713,000
TR 0098 ⁽¹⁾	NE 132nd St/116th Way NE (I-405) Intersection Improvements						300,000	300,000
TR 0103 ⁽¹⁾	Central Way/4th Street Intersection Improvements			31,000				31,000
TR 0104 ⁽¹⁾	6th Street/4th Ave Intersection Improvements			200,000	380,000			580,000
TR 0105 ⁽¹⁾	Central Way/5th Street Intersection Improvements			200,000	364,000			564,000
TR 0106 ⁽¹⁾	6th Street/7th Ave Intersection Improvements					89,400		89,400
TR 0107 ⁽¹⁾	Market Street/15th Ave Intersection Improvements					200,000	364,000	564,000
TR 0108 ⁽¹⁾	NE 85th Street/124th Ave NE Intersection Improvements		200,000	500,000	189,000			889,000
	Subtotal Park Place Redevelopment Revenue - Related Projects	-	200,000	1,331,000	1,297,000	789,400	7,218,000	10,835,400
TR 0109 ⁽²⁾	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements			1,500,000				1,500,000
TR 0110 ⁽²⁾	Totem Lake Plaza/120th Ave NE Intersection Improvements		1,500,000					1,500,000
	Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects	-	1,500,000	1,500,000	-	-	-	3,000,000

SURPLUS (DEFICIT) of Resources								
		-	-	-	-	-	-	-

[^] The transportation capital projects totaling \$64,788,900 for the six-year period 2013-18 constitute the funded portion of the City's six-year transportation capital improvement plan (CIP). Project costs and associated funding beyond 2018 are estimates and do not reflect the City's adopted CIP.

⁽¹⁾ Projects associated with Park Place redevelopment

⁽²⁾ Projects associated with Totem Lake redevelopment

Table CF - 8A
Capital Facilities Plan: Transportation Projects -- 2019-2024

SOURCES OF FUNDS

Revenue Type	Revenue Source	2019	2020	2021	2022	2023	2024	Six-Year Total	Multi-Year Total
Local	Gas Tax	450,000	450,000	450,000	450,000	450,000	450,000	2,700,000	6,310,000
Local	Sales Tax	270,000	270,000	270,000	270,000	270,000	270,000	1,620,000	3,240,000
Local	Real Estate Excise Tax	900,000	970,000	900,000	970,000	900,000	900,000	5,540,000	14,685,600
Local	Reserves	180,000	180,000	180,000	180,000	180,000	180,000	1,080,000	4,297,500
Local	Road Levy	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	2,600,000	15,600,000	31,633,000
Local	Solid Waste	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000	3,600,000
Local	Surface Water	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	1,048,700	6,292,200	9,155,700
Local	Impact Fees	391,300	391,300	391,300	391,300	391,300	391,300	2,347,800	4,447,800
External	Grants	500,000	500,000	500,000	500,000	500,000	500,000	3,000,000	27,399,300
External	Developer Funded -- Park Place (including Impact Fees)	2,166,400						2,166,400	13,001,800
External	Developer Funded -- Totem Lake (including Impact Fees)			4,000,000				4,000,000	7,000,000
Total Sources		8,806,400	6,710,000	10,640,000	6,710,000	6,640,000	6,640,000	46,146,400	124,770,700

Use of Funds

Funded Projects

Project Number	Project Title	2019	2020	2021	2022	2023	2024	Six-Year Total	Multi-Year Total
ST 0006	Annual Street Preservation Program	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000	21,000,000
ST 0006 002	Annual Street Preservation Program-One-time Project								1,469,000
ST 0006 003	Street Levy Street Preservation	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	2,300,000	13,800,000	27,533,000
ST 0055	98th Avenue Bridge								1,415,000
ST 0057 001	NE 120th Street Roadway Extension (East Section)								3,642,100
ST 0075	NE 85th Street Utility Conversion								774,700
ST 0080	Annual Striping Program	350,000	350,000	350,000	350,000	350,000	350,000	2,100,000	4,150,000
ST 0082	Juanita Drive Corridor Study								280,000
ST 0083	100th Ave NE Corridor Study								70,000
ST 8888	Annual Concurrence Street Improvements	394,000	414,000	394,000	414,000	394,000	379,000	2,389,000	4,418,900
ST 9999	Regional Inter-Agency Coordination	82,000	82,000	82,000	82,000	82,000	82,000	492,000	984,000
NM 0006 100	Street Levy-Safe School Walk Routes	150,000	150,000	150,000	150,000	150,000	150,000	900,000	1,500,000
NM 0006 200	Street Levy-Pedestrian Safety	150,000	150,000	150,000	150,000	150,000	150,000	900,000	2,090,000
NM 0012	Crosswalk Upgrade Program	70,000		70,000		70,000		210,000	420,000
NM 0024 000	Cross Kirkland Corridor Trail (Interim)								3,397,000
NM 0024 101	Cross Kirkland Corridor Master Plan								500,000
NM 0051	Rose Hill Business District Sidewalks								4,142,000
NM 0053	NE 112th Street Sidewalk								266,100
NM 0057	Annual Sidewalk Maintenance Program	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000	2,400,000
NM 0064 001	Park Lane Pedestrian Corridor Enhancements Phase II								2,238,900
NM 0073	JEF Non-Motorized Program								150,000
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection Ph. 1								1,300,000
NM 8888	Annual Non-Motorized Program	800,000	900,000	800,000	900,000	800,000	900,000	5,100,000	7,999,800
TR 0004 002	Peter Kirk Restroom Renovation								122,100
TR 0078	NE 85th St/132nd Ave NE Intersection Improvements								967,400
TR 0080	NE 85th St/124th Ave NE Intersection Improvements								1,254,700
TR 0083	100th Ave NE/NE 132nd Street Intersection Improvements								3,201,000
TR 0111 003	Kirkland ITS Implementation Phase IIC								2,951,000
TR 0113	Citywide Safety & Traffic Flow Improvements								343,900
TR 8888	Annual Concurrence Traffic Improvements	394,000	414,000	394,000	414,000	394,000	379,000	2,389,000	3,788,300
Subtotal Future Year Costs		6,640,000	6,710,000	6,640,000	6,710,000	6,640,000	6,640,000	39,980,000	104,768,900
TR 0056 ⁽¹⁾	NE 85th Street HOV Queue Bypass	166,400						166,400	1,007,400
TR 0065 ⁽¹⁾	6th Street/Kirkland Way Traffic Signal								564,000
TR 0082 ⁽¹⁾	Central Way/Park Place Center Traffic Signal								200,000
TR 0090 ⁽¹⁾	Lake Washington Blvd/NE 38th Place Intersection Improvements								500,000
TR 0096 ⁽¹⁾	NE 132nd St/124th Ave NE Intersection Improvements	2,000,000						2,000,000	7,713,000
TR 0098 ⁽¹⁾	NE 132nd St/116th Way NE (I-405) Intersection Improvements								300,000
TR 0103 ⁽¹⁾	Central Way/4th Street Intersection Improvements								31,000
TR 0104 ⁽¹⁾	6th Street/4th Ave Intersection Improvements								580,000
TR 0105 ⁽¹⁾	Central Way/5th Street Intersection Improvements								564,000
TR 0106 ⁽¹⁾	6th Street/7th Ave Intersection Improvements								89,400
TR 0107 ⁽¹⁾	Market Street/15th Ave Intersection Improvements								564,000
TR 0108 ⁽¹⁾	NE 85th Street/124th Ave NE Intersection Improvements								889,000
Subtotal Park Place Redevelopment Revenue - Related Projects		2,166,400	-	-	-	-	-	2,166,400	13,001,800
TR 0109 ⁽²⁾	Totem Lake Plaza/Totem Lake Blvd Intersection Improvements			2,000,000				2,000,000	3,500,000
TR 0110 ⁽²⁾	Totem Lake Plaza/120th Ave NE Intersection Improvements			2,000,000				2,000,000	3,500,000
Subtotal Totem Lake Mall Redevelopment Revenue - Related Projects		-	-	4,000,000	-	-	-	4,000,000	7,000,000

SURPLUS (DEFICIT) of Resources

-	-	-	-	-	-	-	-	-	-
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⁽¹⁾ Projects associated with Park Place redevelopment

⁽²⁾ Projects associated with Totem Lake redevelopment

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

Comp Plan ID Number	Project Description	Total Cost ⁽¹⁾	Cip Project Number	Funded in 6-yr CIP	Source Doc ⁽²⁾	Comp Plan Goal	2022 Concurrency Project
NM20-1	Peter Kirk Elementary Sidewalk	\$ 0.5	NM 0034 001	✓	C, NM	T-2	
NM20-2	116th Ave NE Nonmotorized Facilities	\$ 3.4	NM 0001		C, NM	T-2	
NM20-3	13th Ave Sidewalk (Phase II)	\$ 0.4	NM 0054		C, NM	T-2	
NM20-4	Crestwoods Park/CKC Ped/Bike Facility	\$ 2.5	NM 0031		C, NM	T-2	
NM20-5	93rd Ave NE Sidewalk	\$ 1.0	NM 0032		C, NM	T-2	
NM20-6	NE 52nd Street Sidewalk	\$ 1.1	NM 0007		C, NM	T-2	
NM20-7	Cross Kirkland Corridor Interim Trail	\$ 3.6	NM 0024	✓	C, NM	T-2, T-8	
NM20-8	122nd Avenue NE Sidewalk	\$ 0.9	NM 0055		C, NM	T-2	
NM20-10	NE 100th Street Bike Lane	\$ 1.6	NM 0036		C, NM	T-2	
NM20-11	NE 95th St. Sidewalk (Highlands)	\$ 0.6	NM 0045		C, NM	T-2	
NM20-12	18th Ave West Sidewalk	\$ 2.3	NM 0046		C, NM	T-2	
NM20-13	116th Ave NE Sidewalk (South Rose Hill)	\$ 0.4	NM 0047		C, NM	T-2	
NM20-14	130th Ave NE Sidewalk	\$ 0.8	NM 0037		C, NM	T-2	
NM20-15	NE 90th St. Bicycle/Ped Overpass Across I-405	\$ 3.7	NM 0030		C, NM	T-2	
NM20-16A	NE 90th St Sidewalk (Phase I)	\$ 1.2	NM 0056		C, NM	T-2	
NM20-16B	NE 90th St Sidewalk (Phase II)	\$ 2.6	NM 0026		C, NM	T-2	
NM20-17	NE 60th St Sidewalk	\$ 5.0	NM 0048		C, NM	T-2	
NM20-18	Forbes Valley Pedestrian Facility	\$ 2.0	NM 0041		C, NM	T-2	
NM20-19	NE 126th St NM Facilities	\$ 4.3	NM 0043		C, TL	T-2	
NM20-20	Crosswalk Upgrades (various locations)	\$ 0.2	NM 0012	✓	C, NM	T-2	
NM20-21	Annual Pedestrian Improvements (various locations)		various		NM	T-2	
NM20-22	Annual Bicycle Improvements (various locations)		various		NM	T-2	
NM20-23	112th Ave NE Sidewalk	\$ 0.5	NM 0049		C, NM	T-2	
NM20-24	NE 80th St Sidewalk	\$ 0.9	NM 0050		C, NM	T-2	
NM20-25	Rose Hill Business District Sidewalks	\$ 7.9	NM 0051	✓	C, NM	T-2	
NM20-26	Kirkland Way Sidewalk	\$ 0.4	NM 0063		C, NM	T-2	
NM20-27	NE 112th St Sidewalk	\$ 0.4	NM 0053	✓	C, NM	T-2	
NM20-28	Annual Sidewalk Maintenance Program	\$ 1.2	NM 0057	✓	C, NM	T-2	
NM20-29	111th Ave NM/Emergency Access Connection	\$ 2.0	NM 0058		Highlands	T-2	
NM20-30	6th Street S. Sidewalk	\$ 0.3	NM 0059	✓	C, NM	T-2	
NM20-32	Park Lane Pedestrian Corridor (Phase II)	\$ 1.3	NM 0064 001	✓	C	T-2	
NM20-33	100th Avenue NE Bicycle Lanes	\$ 0.2	NM 0069	✓	C	T-2	
NM20-35	Annual Nonmotorized Program	\$ 3.2	NM 8888	✓	C	T-2	
NM20-36	NE 104th St Sidewalk	\$ 1.1	NM 0061		C	T-2	
NM20-37	19th Ave Sidewalk	\$ 0.8	NM 0062		C	T-2	
NM20-38	NE 132nd Street Sidewalk	\$ 0.4	NM 0071		C	T-2	
NM20-40	Cross Kirkland Corridor Master Plan	\$ 0.5	NM 0024 101	✓	C, NM	T-2, T-8	
NM20-41	NE 132nd Street Sidewalk at Finn Hill Middle School	\$ 0.7	NM 0072		C	T-2	
NM20-42	JEF Non-Motorized Program	\$ 0.2	NM 0073	✓	C	T-2	
NM20-43	90th Ave NE Sidewalk	\$ 0.4	NM 0074		C	T-2	
NM20-44	84th Ave NE Sidewalk	\$ 4.1	NM 0075		C	T-2	
NM20-45	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	\$ 1.1	NM 0076		C	T-2	
NM20-46	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	\$ 1.2	NM 0077		C	T-2	
NM20-47	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	\$ 0.7	NM 0078		C	T-2	
NM20-48	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	\$ 0.6	NM 0079		C	T-2	
NM20-49	Juanita Kingsgate Pedestrian Bridge	\$ 4.5	NM 0080		C, NM	T-2	
NM20-50	South Kirkland TOD/CKC Multi-Modal Connection Phase I	\$ 1.3	NM 0084	✓	C, NM	T-2	
NM20-51	CKC to Redmond Central Corridor Regional Connector	\$ 3.7	NM 0081		C, NM	T-2	
NM20-52	6th Street S. Sidewalk	\$ 0.4	NM 0082		C, NM	T-2	
NM20-53	7th Avenue S. Sidewalk	\$ 0.3	NM 0083		C, NM	T-2	
NM20-54	South Kirkland TOD/CKC Multi-Modal Connection Phase II	\$ 1.2	NM 0085		C, NM	T-2	
NM20-55	Street Levy - Safe Routes to Schools	\$ 0.6	NM 0006 100	✓	C, NM	T-2	
NM20-56	Streets Levy - Pedestrian Safety	\$ 1.2	NM 0006 200	✓	C, NM	T-2	
Subtotal Nonmotorized		\$ 81.4					

ST20-1	118th Ave NE Roadway Extension	\$ 6.4	ST 0060		C, TL	T-4	
ST20-2	119th Ave NE Roadway Extension	\$ 5.6	ST 0061		C, TL	T-4	
ST20-3	120th Ave NE Roadway Improvements	\$ 9.0	ST 0063		C	T-1, T-4	✓
ST20-4	124th Ave NE Roadway Improvements	\$ 10.0	ST 0059		C	T-1, T-4	✓
ST20-5	124th Ave NE Roadway Widening Improvements	\$ 30.3	ST 0064		C	T-4	
ST20-6	132nd Ave NE Roadway Improvements	\$ 25.2	ST 0056		C	T-4	
ST20-7	98th Ave NE Bridge Replacement	\$ 10.2	ST 0055	✓	C	T-4	
ST20-8	120th Ave NE Roadway Extension	\$ 16.4	ST 0073		TL	T-4	
ST20-9	NE 120th St Roadway Extension (east section)	\$ 6.6	ST 0057 001	✓	C	T-1, T-4	✓
ST20-10	120th Ave NE/Totem Lake Plaza Roadway Improvements	\$ 3.0	ST 0070		TL	T-4	
ST20-11	NE 130th Street Roadway Extension	\$ 10.0	ST 0062		C	T-4	
ST20-12	NE 120th St Roadway Improvements (west section)	\$ 5.9	ST 0072		TL	T-4	
ST20-13	Annual Street Preservation Program	\$ 10.5	ST 0006	✓	C	T-4	
ST20-14	NE 132nd St Rdwy Imprv - Phase I (west section)	\$ 1.4	ST 0077		C, 132	T-4	
ST20-15	NE 132nd St Rdwy Imprv - Phase II (mid section)	\$ 0.3	ST 0078		C, 132	T-4	
ST20-16	NE 132nd St Rdwy Imprv - Phase III (east section)	\$ 1.1	ST 0079		C, 132	T-4	
ST20-17	Annual Striping Program	\$ 2.1	ST 0080	✓	C	T-4	
ST20-18	Annual Concurrency Street Improvements	\$ 2.0	ST 8888	✓	C	T-4	✓
ST20-19	Annual Street Pres Program - One-time Project	\$ 1.1	ST 0006 002	✓	C	T-4	
ST20-20	Street Maintenance & Pedestrian Safety	\$ 18.0	ST 0006 003	✓	C	T-4	
ST20-21	Totem Lake Area Development Opportunity Program	\$ 0.5	ST 0081		C	T-4	
ST20-22	Juanita Drive Master Plan	\$ 0.3	ST 0082	✓	C	T-4	
ST20-23	100th Ave NE Roadway Improvements	\$ 10.0	ST 0083 101		C	T-4	
ST20-24	100th Avenue NE Corridor Study	\$ 0.5	ST 0083 000	✓	C	T-4	
ST20-25	Finn Hill Roadway Emergency Vehicle Access Connections	\$ 0.9	ST 0086		C	T-4	
ST20-26	NE 85th Street Utility Undergrounding Conversion	\$ 2.7	ST 0075	✓	C	T-4	
Subtotal Streets		\$ 190.0					

TR20-1	100th Ave NE/NE 124th St Intersection Improvements	\$	2.2	TR 0084		C	T-4	✓
TR20-2	Kirkland Way/CKC Abutment/Intersection Imps	\$	6.9	TR 0067		C	T-4, T-2	
TR20-3	6th Street/Kirkland Way Traffic Signal	\$	0.6	TR 0065		C	T-4	
TR20-4	Totem Lake Blvd/120th Ave NE	\$	2.8	TR 0099		C	T-4	
TR20-5	NE 124th St/I-405 Queue Bypass (EB to SB)	\$	1.7	TR 0057		C	T1 T4 T5	✓
TR20-6	NE 85th St/120th Ave NE Intersection Improvements	\$	5.3	TR 0088		C	BKR T1 T4	✓
TR20-7	NE 85th St/132nd Ave NE Intersection Improvements	\$	1.8	TR 0089		C	BKR T1 T4	
TR20-8	NE 85th St HOV/I-405 Queue Bypass	\$	0.8	TR 0056		C	T1 T4 T5	✓
TR20-9	Lake Wash Blvd/Northup Way Queue Bypass	\$	6.6	TR 0068		C	T-4	
TR20-10.1	NE 116th St/I-405 Queue Bypass	\$	7.3	TR 0072		C	T1 T4 T5	
TR20-10.2	NE 85th St/I-405 Queue Bypass	\$	1.8	TR 0074		C	T1 T4 T5	
TR20-10.3	NE 70th St/I-405 Queue Bypass	\$	1.7	TR 0073		C	T1 T4 T5	
TR20-10.4	NE 124th St/I-405 Queue Bypass (WB to NB)	\$	1.3	TR 0075		C	T1 T4 T5	✓
TR20-11.1	Kirkland Ave/Lake Street South					P20	T-4	
TR20-11.2	Lake Street South/2nd Ave South					P20	T-4	
TR20-11.3	Market Street/Central Way					P20	T-4	
TR20-11.4	Market Street/7th Avenue NE					P20	T-4	
TR20-11.5	NE 53rd Street/108th Ave NE					P20	T-4	
TR20-11.6	NE 60th Street/116th Ave NE					P20	T-4	
TR20-11.7	NE 60th Street/132nd Avenue NE					P20	T-4	
TR20-11.8	NE 64th Street/Lake Washington Blvd					P20	T-4	
TR20-11.9	NE 70th Street/120th Avenue NE or 122nd Avenue NE					P20	T-4	
TR20-11.10	NE 80th Street/132nd Avenue NE					P20	T-4	
TR20-11.11	NE 112th Street/124th Avenue NE					P20	T-4	
TR20-11.13	NE 116th Street/124th Avenue NE	\$	1.7	TR 0092		C	T-4	
TR20-11.12	NE 116th Street/118th Avenue NE					P20	T-4	
TR20-11.14	NE 126th Street/132nd Place NE					P20	T-4	
TR20-11.15	NE 128th Street/Totem Lake Blvd					P20	T-4	
TR20-11.16	NE 100th Street/132nd Avenue NE					P20	T-4	
TR20-11.17	Market Street/Forbes Creek Drive					P20	T-4	
TR20-11.18	NE 112th Street/120th Avenue NE					P20	T-4	
TR20-11.19	Totem Lake Blvd/120th Avenue NE					P20	T-4	
TR20-12	NE 70th Street/132nd Ave NE Intersection Imp	\$	4.6	TR 0086		C	T-4	✓
TR20-13	Lake Wash Blvd/NE 38th Place Intersection Imp	\$	0.5	TR 0090		C	T-4	
TR20-14	NE 124th St/124th Ave NE Intersection Imp	\$	3.5	TR 0091		C	T-4	
TR20-15	NE 132nd Street/100th Ave NE Intersection Imp	\$	3.2	TR 0083	✓	C	T-4	✓
TR20-16	Central Way/Park Place Center Traffic Signal	\$	0.2	TR 0082		C	T-4	
TR20-17	NE 132nd Street/124th Ave NE Intersection Imp	\$	5.7	TR 0096		C	T-4	✓
TR20-18	NE 132nd Street/116th Way NE Intersection Imp	\$	0.3	TR 0098		C	T-4	✓
TR20-20	Central Way/4th Street Intersection Imp	\$	0.03	TR 0103		C	T-4	
TR20-21	6th Street/4th Ave Intersection Imp	\$	0.6	TR 0104		C	T-4	
TR20-22	Central Way/5th Street Intersection Imp	\$	0.6	TR 0105		C	T-4	
TR20-23	6th Street/7th Ave Intersection Improvements	\$	0.1	TR 0106		C	T-4	
TR20-24	Market Street/15th Ave Intersection Imp	\$	0.6	TR 0107		C	T-4	
TR20-25	NE 85th Street/124th Ave NE Intersection Imp	\$	0.9	TR 0108		C	T-4	
TR20-26	Totem Lake Plaza/Totem Lake Blvd Intersection Imp	\$	1.5	TR 0109		C	T-4	
TR20-27	NE 132nd St/Juanita HS Access Road Intersection Imp	\$	0.9	TR 0093		C	T-4	✓
TR20-28	Totem Lake Plaza/120th Ave NE Intersection Imp	\$	1.5	TR 0110		C	T-4	
TR20-29	NE 132nd St/108th Ave NE Intersection Imp	\$	0.6	TR 0094		C	T-4	✓
TR20-30	NE 132nd St/Fire Station Access Dr Intersection Imp	\$	0.4	TR 0095		C	T-4	
TR20-31	NE 132nd St/132nd Ave NE Intersection Imp	\$	0.9	TR 0097		C	T-4	✓
TR20-32	NE 85th Street/132nd Ave NE Intersection Imp (Phase I)	\$	2.2	TR 0078	✓	C	T-4	
TR20-33	NE 85th Street/124th Ave NE Intersection Imp	\$	2.0	TR 0080	✓	C	T-4	
TR20-34	Annual Concurrency Traffic Improvements	\$	1.4	TR 8888	✓	C	T-4	✓
TR20-35	Kirkland ITS Improvements - Phase 1	\$	2.0	TR 0111 000	✓	C	T-4	
TR20-36	Kirkland ITS Improvements - Phase II	\$	4.1	TR 0111 001		C	T-4	
TR20-38	Citywide Safety & Traffic Flow Improvements	\$	0.3	TR 0113	✓	C	T-4	
TR20-39	6th Street & Central Way Intersection Improvements Phase 2	\$	1.9	TR 0100 100		C	T-4	
TR20-40	Kirkland ITS Improvements - Phase II B	\$	2.6	TR 0111 002		C	T-4	
TR20-41	Kirkland ITS Improvements - Phase II C	\$	2.9	TR 0111 003	✓	C	T-4	
TR20-42	Slater Ave NE Traffic Calming - Phase 1	\$	0.3	TR 0114		C	T-4	
Subtotal Traffic \$			88.8					

Notes:

- (1) *12 Costs in millions; Funded projects indexed for inflation
(2) C = CIP, NM = Non-Cap List, P20 = 20 year list, 132 = 132nd Street Masterplan (2008), Highland = Highlands Neighborhood Plan

**Table CF - 10
2023 Concurrency Transportation Projects List**

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

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

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

AVERAGE ANNUAL CONCURRENCY PROJECT EXPENDITURE \$ 4.84

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

Table CF - 10A
Capital Facilities Plan: Utility Projects

SOURCE OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Utility Rates	2,408,000	2,408,000	2,408,000	2,408,000	2,408,000	2,408,000	14,448,000
Local	Connection Fees	865,000	865,000	865,000	865,000	865,000	865,000	5,190,000
Local	Reserves	922,000	478,000	969,000	431,000	950,000	450,000	4,200,000
Local	Debt	885,700	3,152,300					4,038,000
Total Sources		5,080,700	6,903,300	4,242,000	3,704,000	4,223,000	3,723,000	27,876,000

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
WA 0090	Emergency Sewer Pgm Watermain Replacement Pgm	50,000		50,000		50,000		150,000
WA 0102	104th Ave NE Watermain Replacement					974,500		974,500
WA 0116	NE 80th Street Watermain Replacement (Phase II)	442,000	2,394,400					2,836,400
WA 0121	NE 109th Ave/106th Court NE Watermain Replacement	156,300						156,300
WA 0134	5th Ave S / 8th St S Watermain Replacement						850,000	850,000
WA 0139	6th Street S Watermain Replacement			785,000				785,000
WA 0140	NE 85th Street Watermain Replacement	2,494,400	871,800					3,366,200
WA 0145	Kirkland Avenue/6th Street S Watermain Replacement				785,000			785,000
WA 0148	Park Lane Watermain Replacement	62,000	235,000					297,000
WA 8888	Annual Watermain Replacement Program					562,100	402,700	964,800
WA 9999	Annual Water Pump Station/System Upgrade Pgm					562,100	402,700	964,800
SS 0056	Emergency Sewer Construction Program	922,000	478,000	969,000	431,000	950,000	450,000	4,200,000
SS 0064	7th Avenue South Sewermain Replacement		464,400	824,600				1,289,000
SS 0067	NE 80th Street Sewermain Replacement (Phase II)	600,000	1,836,000					2,436,000
SS 0073	Rose Point Sewer Lift Station Replacement			1,088,400	1,471,400			2,559,800
SS 0078	5th Avenue S Sewermain Replacement		188,900	38,000				226,900
SS 0079	3rd Avenue S & 2nd Street S Sewermain Replacement			487,000	740,000			1,227,000
SS 0080	20th Avenue Sewermain Replacement						812,000	812,000
SS 0081	7th / 8th Avenue West Alley Sewermain Replacement	354,000						354,000
SS 8888	Annual Sanitary Pipeline Replacement Program		217,400		138,300	562,100	402,800	1,320,600
SS 9999	Annual Sanitary Pump Station/System Upgrade Pgm		217,400		138,300	562,200	402,800	1,320,700
Total Funded Utility Projects		5,080,700	6,903,300	4,242,000	3,704,000	4,223,000	3,723,000	27,876,000

<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>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Utility Rates	1,588,000	1,588,000	1,588,000	1,588,000	1,588,000	1,588,000	9,528,000
Local	Reserves	3,087,000	351,400	50,000		50,000		3,538,400
External	Grants	224,200	1,062,700					1,286,900
Total Sources		4,899,200	3,002,100	1,638,000	1,588,000	1,638,000	1,588,000	14,353,300

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
SD 0047	Annual Replacement of Aging/Failing Infrastructure	200,000	200,000	200,000	200,000	200,000	200,000	1,200,000
SD 0048	Cochran Springs / Lake Washington Blvd Crossing Enh.		340,000	667,100	450,000			1,457,100
SD 0051	Forbes Creek/KC Metro Access Road Culvert Enh.					688,000	370,700	1,058,700
SD 0053	Forbes Creek/Coors Pond Channel Grade Controls						164,700	164,700
SD 0058	Surface Water Sediment Pond Reclamation Phase II			497,600	238,000			735,600
SD 0059	Totem Lake Boulevard Flood Control Measures	302,800	1,048,000					1,350,800
SD 0067	NE 129th Place/Juanita Creek Rockery Repair			223,300				223,300
SD 0075	Totem Lake Twin 42 Inch Culvert Replacement	3,494,000						3,494,000
SD 0076	NE 141st Street/111th Avenue NE Culvert Repair	181,500						181,500
SD 0077	Goat Hill Storm Drainage Repair		153,700					153,700
SD 0078	Billy Creek Ravine Stabilization Phase II		67,400					67,400
SD 0079	Public Safety Building Stormwater Quality Demonstration	160,000						160,000
SD 0081	Neighborhood Drainage Assistance Program (NDA)	50,000		50,000		50,000		150,000
SD 0082	Kirkland Decant Facility Expansion	75,000	1,193,000					1,268,000
SD 8888	Annual Streambank Stabilization Program	217,900			350,000	350,000	425,000	1,342,900
SD 9999	Annual Surface Water Infrastructure Replacement Program	218,000			350,000	350,000	427,600	1,345,600
Total Funded Surface Water Utility Projects		4,899,200	3,002,100	1,638,000	1,588,000	1,638,000	1,588,000	14,353,300

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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Table CF - 11
Capital Facilities Plan: Parks Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	Real Estate Excise Tax	718,000	740,000	762,000	785,000	808,000	832,000	4,645,000
Local	Reserves	138,000						138,000
Local	Kirkland Park Levy	725,000	1,125,000	1,250,000	1,250,000	1,250,000	1,250,000	6,850,000
Local	Carryover PY Savings	247,000	124,000					371,000
External	Grants						500,000	500,000
Total Sources		1,828,000	1,989,000	2,012,000	2,035,000	2,058,000	2,582,000	12,504,000

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
PK 0049	Open Space, Pk Land & Trail Acq Grant Match Program	100,000						100,000
PK 0066	Park Play Area Enhancements			50,000	50,000	50,000	50,000	200,000
PK 0087 100	Waverly Beach Park Renovation	115,000	624,000					739,000
PK 0095 200	Heritage Park - Heritage Hall Renovations	50,000						50,000
PK 0113 100	Spinney Homestead Park Renovation	493,000						493,000
PK 0114 101	Mark Twain Park Renovation (Design)					75,000		75,000
PK 0115	Terrace Park Renovation	75,000	440,000					515,000
PK 0116 100	Lee Johnson Field Lighting Replacements		150,000					150,000
PK 0119	Juanita Beach Park Development Phase 2					100,000	1,207,000	1,307,000
PK 0119 100	Juanita Beach Bathhouse Replacement & Shelter			200,000	1,000,000			1,200,000
PK 0121	Green Kirkland Forest Restoration Program	75,000	75,000	75,000	75,000	75,000	75,000	450,000
PK 0131	Park and Open Space Acquisition Program					508,000		508,000
PK 0133 100	Dock & Shoreline Renovations	150,000	150,000	250,000	250,000			800,000
PK 0133 200	City-School Playfield Partnership					500,000	500,000	1,000,000
PK 0133 300	Neighborhood Park Land Acquisition	475,000	375,000			750,000	750,000	2,350,000
PK 0133 400	Edith Moulton Park Renovation	100,000	100,000	800,000				1,000,000
PK 0134	132nd Park Playfields Renovation	75,000		637,000				712,000
PK 0138	Everest Park Restroom/Storage Building Replacement		75,000		660,000			735,000
PK 0139 100	Totem Lake Park Master Plan	120,000						120,000
Total Funded Parks Projects		1,828,000	1,989,000	2,012,000	2,035,000	2,058,000	2,582,000	12,504,000

SURPLUS (DEFICIT) of Resources	-	-	-	-	-	-	-	-
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Table CF-12
Capital Facilities Plan: Public Safety Projects

SOURCES OF FUNDS

<i>Revenue Type</i>	<i>Revenue Source</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
Local	General Fund	776,600	632,200	127,100	187,900	683,200	292,800	2,699,800
Total Sources		776,600	632,200	127,100	187,900	683,200	292,800	2,699,800

USES OF FUNDS**Funded Projects**

<i>Project Number</i>	<i>Project Title</i>	<i>2013</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Six-Year Total</i>
PS 0067	Dive Rescue Equipment		55,000					55,000
PS 0071	Self Contained Breathing Apparatus (SCBA)	741,600					9,000	750,600
PS 0075	Portable Radios					347,000		347,000
PS 0076	Personal Protective Equipment		518,200			400		518,600
PS 0077	Hose Replacement	35,000	1,300	7,700	2,200	10,000	3,200	59,400
Subtotal Funded Fire and Building Projects		776,600	574,500	7,700	2,200	357,400	12,200	1,730,600
PS 1000	Police Equipment Replacement		57,700	119,400	185,700	325,800	280,600	969,200
Subtotal Funded Police Projects		-	57,700	119,400	185,700	325,800	280,600	969,200
Total Funded Public Safety Projects		776,600	632,200	127,100	187,900	683,200	292,800	2,699,800
SURPLUS (DEFICIT) of Resources		-						

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

Non-motorized Improvements

NM20-1 **Non-motorized Facilities**

Location: **NE 100th Street between 116th Avenue NE and 120 feet west of 114th Avenue NE**

Description: **Install sidewalk along south side of NE 100th Street. Funded CIP project NM 0034 001.**

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. Candidate CIP project NM 0054, included as a part of annual non-motorized program NM 8888.

NM20-4 Pedestrian/Bicycle Facility

Location: 18th Avenue at Crestwoods Park/NE 100th Street, from 6th Street to 111th Avenue NE at the Cross Kirkland Corridor 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. Candidate CIP project NM 0032, included as a part of annual non-motorized program NM 8888.

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: Cross Kirkland Corridor –right-of-way, between south and north City limits (formerly the BNSF right-of-way²²)

Description: 10- to 12-foot-wide two-way bike/pedestrian multi-purpose asphalt trail. ~~Un~~Funded CIP project NM 0024-000.

NM20-8 Sidewalk

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

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

NM20-10 Bike Lane

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

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

NM20-11 Sidewalk

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

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

NM20-12 Sidewalk

Location: 18th Avenue West from Market Street to Rose Point Lane

Description: Install curb, gutter, sidewalk and storm drain along roadway. Candidate CIP project NM 0046, included as a part of annual non-motorized program NM 8888.

NM20-13 Sidewalk

Location: 116th Avenue NE from NE 70th Street to NE 75th Street

Description: Installation of curb, gutter, sidewalk and storm drainage along east side of roadway. Unfunded CIP project NM 0047.

- NM20-14** Sidewalk
Location: 130th Avenue NE, NE 95th Street to NE 100th Street
Description: Installation of curb, gutter, sidewalk and storm drainage along west side of roadway. Unfunded CIP project NM 0037.
- NM20-15** Pedestrian/Bicycle Bridge
Location: NE 90th Street, 116th Avenue NE to Slater Avenue; across I-405
Description: Pedestrian/bicycle bridge approximately 10 feet wide, with approaches on each end. Unfunded CIP project NM 0030.
- NM20-16A** Sidewalk
Location: NE 90th Street, 124th Avenue NE to 128th Avenue NE (Phase I)
Description: Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0056.
- NM20-16B** Sidewalk
Location: NE 90th Street, 120th Avenue NE to 124th Avenue NE, and 128th Avenue NE to 132nd Avenue NE (Phase II)
Description: Installation of curb, gutter and sidewalk along the north side. Unfunded CIP project NM 0026.
- NM20-17** Pathway/Sidewalk
Location: NE 60th Street from 116th Avenue NE to 132nd Avenue NE
Description: Half-street improvements along the north side to include pathway/sidewalk, curb and gutter (where appropriate), storm drainage/conveyance (natural and/or piped) and minor widening; accommodations for equestrians will be reviewed during the design. Unfunded CIP project NM 0048.
- NM20-18** Pedestrian Facility
Location: Forbes Creek Drive from Crestwoods Park to Juanita Bay Park
Description: Installation of curb, gutter and sidewalk along the north side of Forbes Creek Drive from approximately 108th Avenue NE to approximately Market Street. Unfunded CIP project NM 0041.

NM20-19 Pedestrian/Bicycle Facility**Location:** NE 126th Street/Totem Lake Way from 120th Avenue NE to 132nd Place NE**Description:** Installation of paved multi-purpose path and storm drainage along corridor. Candidate CIP project NM 0043, included as a part of annual non-motorized program NM 8888.**NM20-20** Crosswalk Upgrades**Location:** Various locations throughout City**Description:** Pedestrian crossing improvements. Projects are combined and funded every two years under CIP project NM 0012.**NM20-21** Annual Pedestrian Improvements**Location:** Various locations throughout City**Description:** Continue to prioritize and install pedestrian improvements to meet the adopted level of service.**NM20-22** Annual Bicycle Improvements**Location:** Various locations throughout the City**Description:** Continue to prioritize and install bicycle improvements to meet the adopted level of service.**NM20-23** Sidewalk**Location:** 112th Avenue NE from NE 87th Street to NE 90th Street**Description:** Installation of curb, gutter, sidewalk and storm drain along west side of roadway. Candidate CIP project NM 0049, included as a part of annual non-motorized program NM 8888.**NM20-24** Sidewalk**Location:** NE 80th Street from 126th Avenue NE to 130th Avenue NE**Description:** Installation of curb, gutter, sidewalk and storm drain along south side of roadway. Candidate CIP project NM 0050, included as a part of annual non-motorized program NM 8888.**NM20-25** Sidewalk**Location:** NE 85th Street between I-405 and 132nd Ave NE**Description:** Installation of curb, gutter, sidewalk and storm drain along the roadway. Partially funded CIP project NM 0051.

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 Cross Kirkland Corridor right of way crossing
Description: Installation of curb, gutter, sidewalk and storm drain along north side of roadway. ~~Candidate~~ Funded CIP project NM 0053, included as a part of annual non-motorized program NM 8888.

NM20-28 Annual Sidewalk Maintenance Program
Location: Citywide
Description: Repair and replacement of existing sidewalks to provide safe pedestrian travel ways and to maintain the value of the sidewalk infrastructure. Funded CIP project NM 0057.

NM20-29 Nonmotorized/Emergency Access Connection
Location: 111th Avenue from the Cross Kirkland Corridor right of way 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: East side of 6th Street from 1st Avenue South to Kirkland Way
Description: Install concrete sidewalk and crossing improvements at Kirkland Avenue. Funded CIP project NM 0059.

NM20-32 Pedestrian Enhancements
Location: Park Lane from Lake Street to Peter Kirk Park – Phase II
Description: Repair and replacement of aged and broken sidewalks, curb, gutter and storm drain along this heavily used downtown pedestrian corridor. Existing trees will be reviewed with the objective of improving the overall tree canopy; low impact development standards will be incorporated into the project. ~~Unfunded~~ Partially funded CIP project NM 0064 001-

NM 20-33 Bike Lanes**Location:** 100th Avenue from NE 124th Street to NE 132nd Street**Description:** Install bicycle lanes. Restripe and narrow existing auto lanes. Funded CIP project NM 0069.**NM 20-35** Annual Non-Motorized Program**Location:** City wide**Description:** Install up to various funding levels in 2013, 2014, 2015, 2016 any number of funded or unfunded CIP projects based on the active transportation plan criteria. Funded CIP project NM 8888.**NM 20-36** Sidewalk**Location:** NE 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.**NM 20-38** Sidewalk**Location:** NE 132nd Street from 84th Avenue NE to 87th Avenue NE**Description:** Install curb, gutter, sidewalk and planter strip along NE 132nd Street that currently does not have a sidewalk. ADA compliant wheelchair ramps will be installed at crosswalk locations. Unfunded CIP project NM 0071 as grant funding is sought.**NM 20-40** Non-motorized Facilities**Location:** Cross Kirkland Corridor right-of-way, between south and north City limits (formerly the BNSF right-of-way")**Description:** A Master Plan to develop the Cross Kirkland Corridor as a public asset for future transportation purposes. Development of the corridor is envisioned to include facilities for pedestrians and bicycles, and in the future, transit. ~~Unfunded CIP project NM 0024.~~ Funded CIP Project CNM 0024 101.**NM 20-41** Non-motorized Facilities**Location:** NE 132nd Street from 82nd Avenue NE to 84th Avenue NE**Description:** Install curb, gutter and sidewalk along south side of NE 132nd Street and west side of 84th Ave NE

to complete missing links between Carl Sandberg Elementary and Finn Hill Middle School. Unfunded CIP Project CNM 0072.

N20-42 Non-motorized Facilities

Location: City-wide

Description: Establishing a new neighborhoods-based project for minor transportation related improvements throughout the City. Funded CIP project NM 0073.

NM20-43 Non-motorized Facilities

Location: 90th Avenue NE north of NE 134th Street

Description: Construct curb, gutter and sidewalk along west side of 90th Avenue NE from NE 134th Street to the north, connecting existing sidewalk near 13427 90th Avenue NE. Unfunded CIP project NM 0074.

NM20-44 Non-motorized Facilities

Location: 84th Avenue NE from NE 145th Street to NE 124th Street

Description: Construct curb, gutter and sidewalk along the west side of 84th Avenue NE between NE 145th Street to Finn Hill Junior High School, and along west side of 84th Avenue Ne between NE 128th Street and NE 124th Street. Unfunded CIP project CNM 0075.

NM20-45 Non-motorized Facilities

Location: NE 140th Street between 127th Place NE and 132nd Avenue NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between 127th Place NE and 132nd Avenue NE. Unfunded CIP project NM 0076.

NM20-46 Non-motorized Facilities

Location: North side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE

Description: Construct curb, gutter and sidewalk along north side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE. Unfunded CIP project NM 0077.

NM20-47 Non-motorized Facilities

Location: South side of NE 140th Street from Juanita-Woodinville Way to 113th Avenue NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between Juanita-Woodinville Way and 113th Avenue NE. Unfunded CIP project NM 0078.

NM20-48 Non-motorized Facilities

Location: NE 140th Street between 124th Avenue NE and 127th Place NE

Description: Construct curb, gutter and sidewalk along south side of NE 140th Street between 124th Avenue NE and 127th Place NE. Unfunded CIP project NM 0079.

NM20-49 Non-motorized Facilities

Location: Across I-405 at NE 140th Street or NE 145th Street

Description: Bridge to provide non-motorized connection across I-405 with other wooded trail enhancements and roadway infrastructure improvements. Unfunded CIP project NM 0080.

NM20-50 Non-motorized Facilities

Location: South Kirkland Park and Ride

Description: A first-phase project to study, design and construct a stair tower and covered pedestrian bridge between the new parking garage at the South Kirkland Transit Center and the Cross Kirkland Corridor. Funded CIP project NM 0084.

NM20-51 Non-motorized Facilities

Location: Willows Rd NE from NE 124th St to 139th Ave NE

Description: Install new sidewalk, curb ramps, and additional roadway paving to provide 10' wide bicycle lanes on each side of street, along with a separate ADA compliant pedestrian route to connect the Redmond Central Connector to the Cross Kirkland Corridor. Unfunded CIP project NM 0081.

NM20-52 Non-motorized Facilities

Location: 5th Place south to approximately 519 6th Street South

Description: Sidewalk along the west side of 6th Street South between the CKC and the existing sidewalk adjacent to 519 6th Street South. Unfunded CIP project NM 0082.

NM20-53 Non-motorized Facilities

Location: State Street to 431 7th Avenue South

Description: Construct curb, gutter and sidewalk along the south sde of 7th Avenue South between State Street 421 7th Avenue South. Unfunded CIP project NM 0083.

NM20-54 Non-motorized Facilities

Location: South Kirkland Park and Ride

Description: A second-phase project to design and construct an ADA compliant/elevator component for the stair tower and covered pedestrian bridge between the new parking garage at the South Kirkland Transit Center and the Cross Kirkland Corridor. Unfunded CIP project NM 0085.

NM20-55 Non-motorized Facilities**Location:** City-wide**Description:** Build safe walk routes near Kirkland elementary and middle schools. Funded CIP project NM 0006 100.**NM20-56** Non-motorized Facilities**Location:** City-wide**Description:** Upgrading and addition of up to 50 Rapid Flashing Beacons, approximately 500 new ADA ramps, restriping of crosswalks, expansion of pedestrian and bicycle routes, and installation of traffic control devices. Funded CIP project NM 0006 200.**Street Improvements****ST20-1** New Street**Location:** 118th Avenue NE, NE 116th Street to NE 118th Street**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0060.**ST20-2** New Street**Location:** 119th Avenue NE, NE 128th Street to NE 130th Street**Description:** Extend two-lane roadway, including sidewalk facilities, storm drainage and landscaping. Unfunded CIP project ST 0061.**ST20-3** Street Widening**Location:** 120th Avenue NE, NE 128th Street to NE 132nd Street**Description:** Reconstruct from the existing three-lane section to five lanes with sidewalks. Candidate CIP project ST 0063, included as a part of the annual concurrency street improvements ST 8888.**ST20-4** Street Widening**Location:** 124th Avenue NE, NE 116th Street to NE 124th Street**Description:** Widen to five lanes, from existing three lanes with sidewalks. Candidate CIP project ST 0059; design began in 2007 however completion is dependent upon grant funding included as a part of the annual concurrency street improvements ST 8888.

ST20-5 Street Widening**Location:** 124th Avenue NE, NE 85th Street to NE 116th Street**Description:** Widen to three lanes with a center two-way left turn lane (including landscaped center median islands where possible) and 2 travel-lanes, construct bicycle lanes, curb and gutter, sidewalk, storm drainage and landscaping. Unfunded CIP project ST 0064.**ST20-6** Street Widening**Location:** 132nd Avenue NE / NE 85th Street to NE 120th Street**Description:** Widen to three lanes with bike lanes, sidewalks, curb and gutter, landscaping and storm drainage improvements. Unfunded CIP project ST 0056.**ST20-7** Bridge ~~Project~~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. ~~Unf~~Funded CIP project ST 0055.**ST20-8** New Street**Location:** 120th Avenue NE from NE 116th Street to Eastside Rail Corridor crossing**Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0073.**ST20-9** New Street**Location:** NE 120th Street (east section), from Slater Avenue NE to 124th Avenue NE**Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Project ST 0057 -001 moved to funded for 2012 due to receipt of federal STP grant.**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 Cross Kirkland Corridor crossing
- Description:** Construct 2/3 lanes as needed with pedestrian/bicycle facilities. Unfunded CIP project ST 0072.
- ST20-13** Annual Street Preservation Program
- Location:** Various sites throughout the City based on Pavement Management Program
- Description:** Patch and overlay existing streets to provide safe travel ways and maintain the value of the street infrastructure. Funded CIP project ST 0006.
- ST20-14** Street Widening
- Location:** NE 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. Unfunded CIP project ST 0077.
- 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. Unfunded CIP project ST 0078.
- 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. Unfunded CIP project ST0079.
- ST20-17** Street Improvements
- Location:** Annual Striping Program
- Description:** Annual program to maintain markings that identify travel lanes and other guidance markings for auto, pedestrian, bicycle, transit and other forms of transportation. The program will result in restriping of more than 30 miles of collector and arterial streets throughout the City. Funded CIP project ST 0080.

ST20-18 Annual Concurrency Street Improvements

Location: City-wide

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

ST20-19 Annual Street Preservation Program – One Time Project

Location: NE 85th Street

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

ST 20-20 Street Maintenance and Pedestrian Safety

Location: City-wide

Description: Voter approved levy funded annual project to meet City Council goals for dependable infrastructure, balanced transportation, neighborhoods, public safety, and financial stability. Funded CIP project ST 0006 003.

ST 20-21 Street

Location: Totem Lake

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

~~ST 20-21~~ ~~Development Opportunity Program~~

~~Location:~~ ~~Totem Lake~~

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

ST 20-22 Street

Location: Juanita Drive Corridor

Description: ~~Master plan~~Corridor study to guide future capital improvement construction phases for Juanita Drive. Funded CIP project ST 0082.

ST20-23 Street Improvements

Location: 100th Avenue NE from NE 139th Street to NE 145th Street

Description: Widen existing roadway to improve current 5-lane to 2-lane transition. Unfunded CIP project ST 0083 101.

ST20-243 Street**Location:** NE 139th Street to NE 145th Street**Description:** ~~Widen existing roadway to improve existing 5 lane to 2 lane transition~~ Corridor study to guide future capital improvement construction for 100th Avenue NE. ~~Unf~~ Partially Funded CIP project ST 0083.**ST20-25** Emergency Vehicle Access**Location:** Four Finn Hill Neighborhood locations, including: 8500 NE 143rd Street, 8400 NE 142nd Street, 8000 NE 120th Street and 8200 NE 117th Street.**Description:** Install retractable bollards at four locations within the Finn Hill Neighborhood to replace existing Type III roadway barricades. Unfunded CIP project ST 0086.**ST20-26** Street Improvements**Location:** 120th Avenue NE to NE 132nd Avenue NE**Description:** The conversion of all overhead utilities (power, telephone, cable, fiber, etc.) to an underground system along NE 85th Street, between 120th Ave NE and 128th Ave NE, together with the installation of conduit only (for future conversion of all overhead utilities) between 128th Ave NE and 132nd Ave NE. Funded CIP project ST 0075.**Intersection Improvements****TR20-1** Traffic Signal**Location:** 100th Avenue NE/NE 124th Street**Description:** Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Unfunded CIP project TR 0084.**TR20-2** Intersection Improvements**Location:** Kirkland Way/Eastside Rail Corridor Abutment/Intersection Improvements**Description:** New railroad undercrossing along Kirkland Way, installation of sidewalks and bike lanes in immediate vicinity, improve clearance between roadway surface and overpass, and improve sight distance. Unfunded CIP project TR 0067.**TR20-3** Traffic Signal**Location:** 6th Street/Kirkland Way

Description: Construct a new signal at this intersection. The project will include controlled pedestrian crosswalks. Funded CIP project TR 0065.

TR20-4 Intersection Improvements

Location: Totem Lake Way / 120th Avenue NE

Description: Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem Lake Mall which will be required to install the traffic signal as part of SEPA mitigation. Unfunded CIP project TR 0099.

TR20-5 HOV Queue Bypass

Location: NE 124th Street and I-405, east to southbound

Description: Construct an additional lane and signal improvements to allow connection from NE 124th Street to the HOV lane on the southbound freeway access ramp. Unfunded CIP project TR 0057.

TR20-6 Intersection Improvements

Location: NE 85th Street/120th Avenue NE

Description: Project will add one northbound right-turn lane and one new westbound and one new eastbound travel lane on NE 85th Street. Candidate CIP project TR ~~0000~~88, included as a part of the annual concurrency traffic improvements TR 8888.

TR20-7 Intersection Improvements

Location: NE 85th Street/132nd Avenue NE

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

TR20-8 HOV Queue Bypass

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

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

TR20-9 HOV Queue Bypass

Location: Lake Washington Boulevard at Northup Way

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

TR20-10 Queue Bypass and HOV Facilities

Location: Various as identified

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

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

TR20-11 Intersection Improvements

Location: Various as identified

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

1. Kirkland Avenue/Lake Street South
2. Lake Street South/2nd Avenue South
3. Market Street/Central Way
4. Market Street/7th Avenue NE
5. NE 53rd Street/108th Avenue NE
6. NE 60th Street/116th Avenue NE
7. NE 60th Street/132nd Avenue NE
8. NE 64th Street/Lake Washington Boulevard
9. NE 70th Street/120th Avenue NE or 122nd Avenue NE
10. NE 80th Street/132nd Avenue NE
11. NE 112th Street/124th Avenue NE
12. NE 116th Street/118th Avenue NE
13. NE 116th Street/124th Avenue NE (northbound dual left turn) (TR 0092)
14. NE 126th Street/132nd Place NE
15. NE 128th Street/Totem Lake Boulevard
16. NE 100th Street/132nd Avenue NE

17. Market Street / Forbes Creek Drive
18. NE 112th Street/120th Avenue NE
19. Totem Lake Boulevard/120th Avenue NE

TR20-12 Intersection Improvements

Location: NE 70th Street/132nd Avenue NE

Description: Install westbound and northbound right-turn lanes. Candidate CIP project TR 0086, included as a part of the annual concurrency traffic improvements TR 8888.

TR20-13 Intersection Improvements

Location: Lake Washington Boulevard at NE 38th Place

Description: Install upgrades to the existing signalized intersection including one additional northbound Lake Washington Boulevard travel lane through the intersection. Replace all existing pedestrian facilities and consolidate commercial driveways where feasible. Funded CIP project TR 0090.

TR20-14 Intersection Improvements

Location: 124th Avenue NE at NE 124th Street - Phase III

Description: Install improvements on the north leg of this intersection. Candidate CIP project TR 0091; included as a part of the annual concurrency traffic improvements, TR 8888.

TR20-15 Intersection Improvements

Location: 100th Avenue NE/NE 132nd Street

Description: Construct a northbound receiving lane on the north leg of the intersection and conversion of existing northbound right-turn lane to a through/right-turn configuration. Construct a second southbound left-turn lane. ~~Candidate~~ Partially funded CIP project TR 0083, included as a part of the annual concurrency traffic improvements TR 8888.

TR20-16 Traffic Signal

Location: Central Way & Park Place entrance (between 4th St and 5th St)

Description: Install traffic signal to minimize traffic conflict, improve safety and traffic operation; in addition to these vehicular improvements, existing un-signalized crosswalks at 5th St and 4th St will be eliminated. It is anticipated that the design and construction timing is concurrent with the development of Park Place which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0082.

- TR20-17** Intersection Improvements
Location: NE 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. Funded CIP project TR 0096.
- TR20-18** Intersection Improvements
Location: NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405
Description: Coordination of City ROW and intersection improvements in association with the WSDOT's Half-Diamond Interchange at NE 132nd Street and I-405 as recommended in the NE 132nd Street Master Plan. Funded CIP project TR 0098.
- TR20-20** Intersection Improvements
Location: Central Way/4th Street
Description: Extend two-way-left turn by moving crosswalk to Park Place Signal. Funded CIP project TR 0103.
- TR20-21** Intersection Improvements
Location: 6th Street S/4th Avenue
Description: Dual eastbound left turn, with widening on 6th Street. Funded CIP project TR 0104.
- TR20-22** Intersection Improvements
Location: Central Way/5th Street
Description: Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. Funded CIP project TR 0105.
- TR20-23** Intersection Improvements
Location: 6th Street / 7th Avenue
Description: Add left turn lanes on northbound and southbound approaches. Funded CIP project TR 0106.
- TR20-24** Intersection Improvements
Location: Market Street / 15th Avenue
Description: Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. Funded CIP project TR 0107.

TR20-25 Intersection Improvements

Location: NE 85th Street / 124th Avenue NE

Description: Add northbound right-turn-only pocket. Funded CIP project TR 0108.

TR20-268 Intersection Improvements

Location: Totem Lake Plaza/Totem Lake Blvd

Description: Install traffic signal and associated roadway improvements between Totem Lake Boulevard and NE 120th Avenue NE to minimize traffic conflict, improve safety and traffic operations through the Totem Lake Mall. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the improvements as part of SEPA mitigation. Funded CIP project TR 0109.

TR20-276 Intersection Improvements

Location: NE 132nd St/ Juanita High School

Description: Construct a 250 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0093.

TR20-287 Intersection Improvements

Location: Totem Lake Plaza/120th Ave NE Intersection Improvements

Description: Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0110.

~~TR20-28~~ ~~Intersection Improvements~~

~~Location:~~ ~~Totem Lake Plaza/Totem Lake Blvd~~

~~Description:~~ ~~Install traffic signal and associated roadway improvements between Totem Lake Boulevard and NE 120th Avenue NE to minimize traffic conflict, improve safety and traffic operations through the Totem Lake Mall. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall which will be required to install the improvements as part of SEPA mitigation. Funded CIP project TR 0109.~~

TR20-29 Intersection Improvements

Location: NE 132nd Street / 108th Avenue NE

Description: Construct a 250 foot westbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0094.

TR20-30 Intersection Improvements

Location: NE 132nd Street / Fire Station 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.

TR20-31 Intersection Improvements**Location:** NE 132nd St/132nd Ave NE**Description:** Extend the eastbound left turn and right turn lanes to 500 feet; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0097.**TR20-32** Intersection Improvements**Location:** Intersection of NE 85th Street and 132nd Avenue NE**Description:** Extend the southbound to eastbound left-turn lane pocket and construct a northbound to eastbound right turn lane. Funded CIP project TR 0078.**TR20-33** Intersection Improvements**Location:** Intersection of NE 85th Street and 124th Avenue NE**Description:** Construct two eastbound to northbound left-turn lanes as part of a Sound Transit Route 540 corridor improvement. Provide bike lane, planter strip and new sidewalk. Funded CIP project TR 0080.**TR20-34** Annual Concurrency Traffic Improvements**Location:** City-wide**Description:** This project provides for the construction and re-construction of traffic signals and/or intersections to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. Funded CIP project TR 8888.**TR20-35** Kirkland ITS Improvements – Phase I**Location:** City-wide**Description:** Design and build Intelligent Transportation System (ITS) along Central Way-NE 85th Street and Lake Washington blvd-Market St-98th/100th Ave NE. Funded CIP Project TR 0111 000.**TR20-36** Kirkland ITS Improvements – Phase II**Location:** City-wide**Description:** The incorporation of Intelligent Transportation System (ITS) needs, as identified in the Kirkland Intelligent Transportation System (KITS) Plan approved by Council in 2008. ITS measures will be employed to upgrade current signal equipment, connect signals and ITS field locations with a new central operations management location. Unfunded CIP Project TR 0111 001.

TR20-38 Kirkland Citywide Safety and Traffic Flow Improvements**Location:** Citywide**Description:** Improvements to safety and traffic flow on Kirkland's main arterial corridors through signal timing optimization, signal interconnection enhancements and communication improvements. The Project will also enhance signal interconnection and improve communication with the NE 124th Street ITS corridor. Funded CIP project TR 0113 000.**TR20-39** 6th Street & Central Way Intersection Improvements Phase 2**Location:** 6th Street & Central Way**Description:** New signature "Gateway" to the Central Downtown area of Kirkland, and frontage improvements on 6th Street, additional travel lanes, a bicycle lane, and pedestrian improvements. Unfunded CIP project TR 0100 100.**TR20-40** Kirkland ITS Phase IIB**Location:** NE 132nd Street, 120th Avenue/124th Avenue NE in Totem Lake**Description:** Intelligent Transportation System improvements at 9 signals to connect these corridors to the Phase I ITS project and to the City's Traffic Management Center. Unfunded CIP project TR 0111 002.**TR20-41** Kirkland ITS Phase IIC**Location:** NE 132nd Street, 120th Avenue/124th Avenue NE in Totem Lake**Description:** Intelligent Transportation System improvements at 15 signals to connect these corridors to the Phase 1 ITS project and to the City's Traffic Management Center. ~~Unf~~unded CIP project TR 0111 003.**TR20-42** Slater Avenue NE Traffic Calming Phase 1**Location:** Slater Avenue from 100th Street NE to NE 112th Street**Description:** Traffic calming measures along Slater Avenue, including traffic circles, curb bulbs, and a mid-block raised crosswalk. Activated emergency vehicle beacon may also be installed, if further study deems it necessary. Unfunded CIP project TR 0114.

Figure T-6: Transportation Project List Funded/Unfunded

