



## **MEMORANDUM**

**Date:** November 10, 2014

**To:** Planning Commission

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

**Subject:** 2014 City Initiated Comprehensive Plan Amendments – CFP  
update - Public Hearing (File CAM14-02100)

## **RECOMMENDATION**

Conduct a public hearing to consider public comment on the 2014 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 Planning Commission make a motion recommending approval.

These amendments only address changes related to the transportation Capital Facilities Plan (CFP) in the Capital Facilities Element and Transportation Element, and will be considered by the City Council in December in conjunction with adoption of the 2015-2016 budget and adjusted midterm Capital Improvement Program.

## **BACKGROUND DISCUSSION**

### Introduction

This year, only new unfunded transportation projects are being added to the Capital Facilities Plan to ensure that they are eligible for funding using Real Estate Excise Tax (REET) and/or transportation impact fees. As part of the major GMA update to the Comprehensive Plan that is currently underway, a complete revision to the CFP will occur in 2015. All 2014 amendments are in the attachment section of this memorandum and are summarized below.

### Incorporating the 2013-2018 adjusted midterm Capital Improvement Program transportation projects into the Capital Facilities Plan and Transportation Element

The Capital Facilities Plan (CFP) is the policy basis for the Capital Improvement Program (CIP) and is tied to our level of service standards. To provide the capability to use REET and/or transportation impact fees on pending projects, six new unfunded transportation projects included in the 2013-2018 CIP update will be added to the CFP. Too, the associated Transportation Element Table T-5 – Project Descriptions for the 2022 Transportation Project List

(Funded and Unfunded) and Figure T-6 - a map showing the locations of all 2022 transportation projects - must be revised because they reflect the 2022 transportation project list in CFP Table CF – 9. Some of the projects on Tables T-5 and CF-9 and map T-6 are capacity projects, while others are maintenance repair and replacement projects. Changes to projects in other categories in the CIP update will be incorporated into the CFP with adoption of the updated Comprehensive Plan in 2015.

All CFP and Transportation Element tables and the figure listed below (i.e. the 2022 transportation project list and map and six-year CFP tables for transportation), replace the 2013 versions. These are incorporated into the Comprehensive Plan's Transportation Element and Capital Facilities Element to be consistent with any changes to the six year transportation project section of the CIP or twenty-year transportation project list.

Attachment 1 is Table T-5: Project Descriptions for the 2022 Transportation Project List. Attachment 2 is Figure T-6, the map showing the locations of these projects. More information is given in Attachment 3, indicating transportation project status by color for new projects, those that have been reintroduced, and existing projects.

The following new unfunded transportation projects that are eligible for funding by REET or impacts fees are added in the mid-year CFP:

- NM 20-57 – Cross Kirkland Corridor non-motorized improvements. A multi-phase design and construction project to improve the existing interim trail in accordance with the Cross Kirkland Corridor Master Plan document. Specific improvements will include, but not be limited to: construction of a paved multi-use trail (primary and secondary), site civil infrastructure (sewer, water, electrical), surface water system improvements (surface drainage and stream crossings), restrooms, activity areas, play areas, art, lighting, landscaping, and other public amenities.
- NM 20-58 - City-wide school walkroutes enhancements on one side of all identified school walk route segments along both arterial and collector streets. Project is expected to be completed using a combination of project phases and multi-schedule construction.
- NM 20-59 – NE 124<sup>th</sup> Street sidewalk linking currently existing sidewalk at the west end of the overpass bridge deck with the existing sidewalk at the intersection with 116<sup>th</sup> Ave NE. ADA compliant wheelchair ramps will be installed at crosswalk locations and an APS system will be installed at the signalized intersection with Southbound I-405 off-ramp.
- NM 20-60 – Lakefront pedestrian and bike improvements Install 32 curb ramps to meet ADA requirements; Lighting improvements at 12 crosswalks; Install RFB's on Market Street at 4<sup>th</sup> Avenue and Central Way crossings; Add bike boxes and signage on Lake Washington Blvd and Market Street; Add buffered bike lane on 98<sup>th</sup> Avenue NE from Forbes Creek to NE 116<sup>th</sup> Street.
- NM 20-61 – Juanita Drive "Quick Wins" - These include individual projects that improve safety for bicycles and pedestrians through such addition as separated pedestrian walkway and buffered bicycle lanes, installation of pedestrian flashing beacons (RRFB's)

at key locations, improved lighting, signing and markings.

- NM 20-62 – Totem Lake non-motorized bridge Design of a bridge spanning NE 124th St and Totem Lake Blvd/124th Ave NE (referred to 124th/124th intersection throughout). This Bridge will connect the Cross Kirkland Corridor (CKC) from the south side of 124th Ave NE to the north at Totem Lake Blvd. This intersection is one of Kirkland’s busiest with traffic volumes exceeding 50,000 vehicles per day.

All transportation CFP tables (CF-8 through CF-10) are included in Attachment 4. These tables list all funded capital projects for transportation 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. There are no new funded transportation projects. 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 with changes (strike outs and underlines) (Attach 1)

Figure T-6: Transportation Project List Map with new projects (Attach 2)

Table CF-9 categories of changes by color to 2022 Transportation 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)

Summary of modifications to Capital Facilities Plan Tables CF 8- CF 10, between 2013 and 2014 (Attachment 5)

### SEPA Compliance

State Environmental Policy Act (SEPA) materials are will be available at the City Council deliberation on December 9.

### 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.

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 transportation facilities.

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 transportation projects 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 Juanita Drive and non-motorized improvements to the Cross Kirkland Corridor.

## Next Steps

The Planning Commission will prepare a recommendation to the City Council. The City Council is scheduled to consider adoption of the amendments by ordinance on December 9, 2014 along with the revised Capital Improvement Program and budget.

## Attachments

1. Table T-5 Project Descriptions for the 2022 Transportation Project List (Funded – Unfunded)
2. Figure T-6 Transportation Project List Map(Funded – Unfunded)

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3. Status Category by Color 2022 Transportation Project List
4. 2014 CFP (Tables CF-8 - CF-10)
5. Summary of changes to the transportation CFP (Tables CF 8-10)

Cc: File CAM14-02100

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 100<sup>th</sup> Street between 116<sup>th</sup> Avenue NE and 120 feet west of 114<sup>th</sup> Avenue NE

**Description:** Install sidewalk along south side of NE 100<sup>th</sup> 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. 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 85<sup>th</sup> Street between I-405 and 132<sup>nd</sup> 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 8<sup>th</sup> Street to Ohde Avenue
- Description:** Installation of curb, gutter, sidewalk and storm drain along the roadway. Unfunded CIP project NM 0063.
- NM20-27** Sidewalk
- Location:** NE 112th Street from 117th Place NE to the Cross Kirkland Corridor right of way crossing
- Description:** Installation of curb, gutter, sidewalk and storm drain along north side of roadway. Funded CIP project NM 0053, included as a part of annual non-motorized program NM 8888.
- 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 6<sup>th</sup> Street from 1<sup>st</sup> 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. Partially funded CIP project NM 0064 001
- NM 20-33** Bike Lanes
- Location:** 100<sup>th</sup> Avenue from NE 124<sup>th</sup> Street to NE 132<sup>nd</sup> 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 104<sup>th</sup> Street between 126<sup>th</sup> Avenue NE and 132<sup>nd</sup> Avenue NE
- Description:** Install curb, gutter, sidewalk and storm drainage along roadway to improve existing Mark Twain Elementary School walk route. Unfunded CIP project NM 0061.
- NM 20-37** Sidewalk
- Location:** 19<sup>th</sup> Avenue from Market Street to 4<sup>th</sup> Street
- Description:** Install curb, gutter, sidewalk and storm drainage along south side of road to improve existing walk route to Kirkland Jr. High School. Unfunded CIP project NM 0062.
- NM 20-38** Sidewalk
- Location:** NE 132<sup>nd</sup> Street from 84<sup>th</sup> Avenue NE to 87<sup>th</sup> Avenue NE
- Description:** Install curb, gutter, sidewalk and planter strip along NE 132<sup>nd</sup> 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. Funded CIP Project CNM 0024 101.
- NM 20-41** Non-motorized Facilities
- Location:** NE 132<sup>nd</sup> Street from 82<sup>nd</sup> Avenue NE to 84<sup>th</sup> Avenue NE
- Description:** Install curb, gutter and sidewalk along south side of NE 132<sup>nd</sup> Street and west side of 84<sup>th</sup> 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:** 90<sup>th</sup> Avenue NE north of NE 134<sup>th</sup> Street

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

**NM20-44** Non-motorized Facilities

**Location:** 84<sup>th</sup> Avenue NE from NE 145<sup>th</sup> Street to NE 124<sup>th</sup> Street

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

**NM20-45** Non-motorized Facilities

**Location:** NE 140<sup>th</sup> Street between 127<sup>th</sup> Place NE and 132<sup>nd</sup> Avenue NE

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

**NM20-46** Non-motorized Facilities

**Location:** North side of NE 140<sup>th</sup> Street from Juanita-Woodinville Way to 113<sup>th</sup> Avenue NE

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

**NM20-47** Non-motorized Facilities

**Location:** South side of NE 140<sup>th</sup> Street from Juanita-Woodinville Way to 113<sup>th</sup> Avenue NE

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

**NM20-48** Non-motorized Facilities

**Location:** NE 140<sup>th</sup> Street between 124<sup>th</sup> Avenue NE and 127<sup>th</sup> Place NE

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

**NM20-49** Non-motorized Facilities

**Location:** Across I-405 at NE 140<sup>th</sup> Street or NE 145<sup>th</sup> 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.**NM20-57** Cross Kirkland Corridor Non-motorized Improvements**Location:** Abandoned Burlington Northern-Santa Fe Rail Road Line from the southern limits at 108th Avenue NE (Bellevue) to the northeastern limit at 132nd Avenue NE.**Description** A multi-phase design and construction project to improve the existing interim trail in accordance with the Cross Kirkland Corridor Master Plan document. Specific improvements will include, but not be limited to: construction of a paved multi-use trail (primary and secondary), site civil infrastructure (sewer, water, electrical), surface water system improvements (surface drainage and stream crossings), restrooms, activity areas, play areas, art, lighting, landscaping, and other public amenities. Unfunded CIP project NM 0086.**NM20-58** City-wide School Walkroute Enhancements**Location:** City-wide**Description:** Project will create or improve sidewalks and associated pedestrian safety features on one side of all identified school walk route segments along both arterial and collector streets. Project is expected to be completed using a combination of project phases and multi-schedule construction. Unfunded CIP project NM 0087.**NM20-59** NE 124<sup>th</sup> Street Sidewalk**Location** North side of NE 124<sup>th</sup> Street between 116<sup>th</sup> Avenue Northeast and West side of I-405 overpass.**Description** Install approximately 750 feet of curb, gutter, sidewalk, and planter strip along NE 124th St. linking currently existing sidewalk at the west end of the overpass bridge deck with the existing sidewalk at the intersection with 116th Ave NE. ADA compliant wheelchair ramps will be installed at crosswalk locations and an APS system will be installed at the signalized intersection with Southbound I-405 off-ramp. Unfunded CIP project NM 0088.**NM20-60** Lakefront Pedestrian & Bicycle Improvements**Location:** Spot locations on Lake Washington BLVD, Lake Street, Market, and 98th Ave NE from NE 38th Place to NE 116th Street.**Description:** Install 32 curb ramps to meet ADA requirements; Lighting improvements at 12 crosswalks; Install RFB's on Market Street at 4th Avenue and Central Way crossings; Add bike boxes and signage on Lake Washington Blvd and Market Street; Add buffered bike lane on 98th Avenue NE from Forbes Creek to NE 116th Street. Unfunded CIP project NM 0089.**NM20-61** Juanita Drive "Quick Wins"

**Location:** [NE 93<sup>rd</sup> Avenue South to NE 143<sup>rd</sup>](#)

**Description:** [Improve safety for bicycles and pedestrians through elements including: separated pedestrian walkway and buffered bicycle lane; installation of pedestrian flashing beacons \(RRFB's\) at key locations; improved lighting, signing and markings. Intersection channelization improvements are also included. This Project will convert a corridor that is auto oriented into a shared auto/active transportaiton corridor. Unfunded CIP project NM 0090.](#)

**NM20-62** [Totem Lake Non-motorized Bridge](#)

**Location:** [Adjacent to the intersection of NE 124th Street and Totem Lake Boulevard](#)

**Description:** [Design of a bridge for non-motorized use spanning NE 124th St and Totem Lake Blvd/124th Ave NE \(referred to 124th/124th intersection throughout\). This Bridge will connect the Cross Kirkland Corridor \(CKC\) from the south side of 124th Ave NE to the north at Totem Lake Blvd. This intersection is one of Kirkland's busiest with traffic volumes exceeding 50,000 vehicles per day. Unfunded CIP project NM 0091.](#)

## 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  
**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. 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 132<sup>nd</sup> Street from 100<sup>th</sup> Avenue NE to the WSDOT interchange

**Description:** Addition of landscape and median islands, repair of curb, gutter and sidewalk. Repaving and restriping to accommodate bike lanes. Configuration as outlined in the 2008 NE 132<sup>nd</sup> Street master plan. Unfunded CIP project ST 0077.

**ST20-15** Street Widening

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

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

**ST20-16** Street Widening

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

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

**ST20-17** Street Improvements

**Location:** Annual Striping Program

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

**ST20-18** Annual Concurrency Street Improvements**Location:** City-wide**Description:** This project provides for the construction and re-construction of city roadways to meet concurrency needs to help the City attain the 2022 level of service standards established in the Comprehensive Plan. Candidate projects under this annual program are identified above and include other improvements, as deemed appropriate. Funded CIP project ST 8888.**ST20-19** Annual Street Preservation Program – One Time Project**Location:** NE 85<sup>th</sup> Street**Description:** The overlay of NE 85th Street coincident with intersection, roadway and other improvements associated with CIP projects NM 0051, ST 0075, TR 0078, and TR 0080. Funds became available through the State Department of Transportation (WSDOT) as a result of the recent jurisdictional transfer of SR908 from the WSDOT to the City of Kirkland. Funded CIP project ST 0006-002.**ST 20-20** Street 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 20-22** Street**Location:** Juanita Drive Corridor**Description:** Corridor study to guide future capital improvement construction phases for Juanita Drive. Funded CIP project ST 0082.**ST20-23** Street Improvements**Location:** 100<sup>th</sup> Avenue NE from NE 139<sup>th</sup> Street to NE 145<sup>th</sup> Street**Description:** Widen existing roadway to improve current 5-lane to 2-lane transition. Unfunded CIP project ST 0083 101.

**ST20-24** Street**Location:** NE 139<sup>th</sup> Street to NE 145<sup>th</sup> Street**Description:** Corridor study to guide future capital improvement construction for 100<sup>th</sup> Avenue NE. 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 / 120<sup>th</sup> Avenue NE

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

**TR20-5** HOV Queue Bypass

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

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

**TR20-6** Intersection Improvements

**Location:** NE 85th Street/120th Avenue NE

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

**TR20-7** Intersection Improvements

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

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

**TR20-8** HOV Queue Bypass

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

**Description:** Construct an additional lane and signal improvements to allow connection from NE 85th Street to the HOV lane on the southbound freeway access ramp. 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. 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 4<sup>th</sup> St and 5<sup>th</sup> St)**Description:** Install traffic signal to minimize traffic conflict, improve safety and traffic operation; in addition to these vehicular improvements, existing un-signalized crosswalks at 5<sup>th</sup> St and 4<sup>th</sup> St will be eliminated. It is anticipated that the design and construction timing is concurrent with the development of Park Place which will be required to install the traffic signal as part of SEPA mitigation. Funded CIP project TR 0082.**TR20-17** Intersection Improvements**Location:** NE 132<sup>nd</sup> Street/124<sup>th</sup> Avenue NE**Description:** Extend existing eastbound left turn lane to 500 feet and add a second 500 foot eastbound left turn lane. Widen and restripe east leg to match west leg, widen and restripe north leg for 1,000 feet to provide 2 northbound through lanes with 1 southbound left turn lane and 1 southbound

through/right turn lane. Restripe south leg to match north leg; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. 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 132<sup>nd</sup> Street and I-405 as recommended in the NE 132<sup>nd</sup> Street Master Plan. Funded CIP project TR 0098.

**TR20-20** Intersection Improvements

**Location:** Central Way/4<sup>th</sup> Street

**Description:** Extend two-way-left turn by moving crosswalk to Park Place Signal. Funded CIP project TR 0103.

**TR20-21** Intersection Improvements

**Location:** 6th Street S/4th Avenue

**Description:** Dual eastbound left turn, with widening on 6th Street. Funded CIP project TR 0104.

**TR20-22** Intersection Improvements

**Location:** Central Way/5<sup>th</sup> Street

**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. 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 / 15<sup>th</sup> Avenue

**Description:** Install new traffic signal. These improvements will allow the intersection to maintain a level of service less than the required 1.4 volume to capacity ratio. 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.

**TR20-26** 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.**TR20-27** Intersection Improvements**Location:** NE 132<sup>nd</sup> St/ Juanita High School**Description:** Construct a 250 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0093.**TR20-28** 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 132<sup>nd</sup> Street / 108<sup>th</sup> Avenue NE**Description:** Construct a 250 foot westbound right turn lane to allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0094.**TR20-30** Intersection Improvements**Location:** NE 132<sup>nd</sup> Street / Fire Station Access**Description:** Modify existing signal to include pedestrian actuated option, as recommended in the NE 132<sup>nd</sup> Street Master Plan, to aid in helping the corridor with capacity issues in anticipation of the WSDOT Half-Diamond interchange at I-405 and NE 132<sup>nd</sup> Street and Totem Lake redevelopment. Unfunded CIP project TR 0095.**TR20-31** Intersection Improvements**Location:** NE 132<sup>nd</sup> St/132<sup>nd</sup> Ave NE**Description:** Extend the eastbound left turn and right turn lanes to 500 feet; these improvements will allow this intersection to maintain a vehicular level of service less than the required 1.4 volume to capacity ratio. Unfunded CIP project TR 0097.**TR20-32** Intersection Improvements

**Location:** Intersection of NE 85<sup>th</sup> Street and 132<sup>nd</sup> 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 85<sup>th</sup> Street and Lake Washington blvd-Market St-98<sup>th</sup>/100<sup>th</sup> 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** 6<sup>th</sup> Street & Central Way Intersection Improvements Phase 2

**Location:** 6<sup>th</sup> Street & Central Way

**Description:** New signature “Gateway” to the Central Downtown area of Kirkland, and frontage improvements on 6<sup>th</sup> Street, additional travel lanes, a bicycle lane, and pedestrian improvements. Unfunded CIP project TR 0100 100.

**TR20-40** Kirkland ITS Phase IIB

**Location:** NE 132<sup>nd</sup> Street, 120<sup>th</sup> Avenue/124<sup>th</sup> 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 132<sup>nd</sup> Street, 120<sup>th</sup> Avenue/124<sup>th</sup> 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. Funded CIP project TR 0111 003.

**TR20-42** Slater Avenue NE Traffic Calming Phase 1

**Location:** Slater Avenue from 100<sup>th</sup> Street NE to NE 112<sup>th</sup> Street

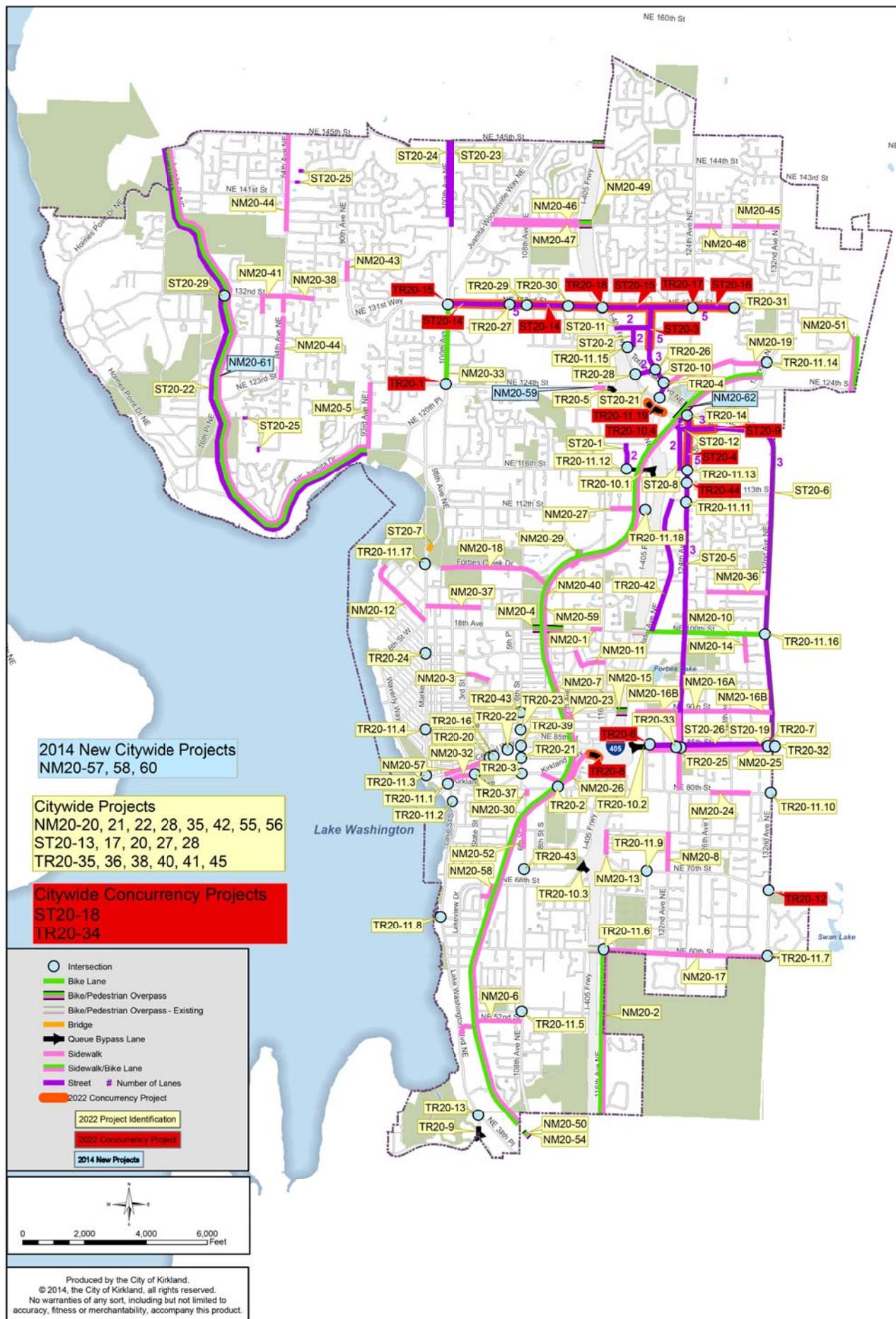
**Description:** Traffic calming measures along Slater Avenue, including traffic circles, curb bulbs, and a mid-block raised crosswalk. Activated emergency vehicle beacon may also be installed, if further study deems it necessary. Unfunded CIP project TR 0114.

**TR20-43** 6<sup>th</sup> Street South & 9<sup>th</sup> Avenue South Intersection Improvements

**Location:** 6<sup>th</sup> Street South & 9<sup>th</sup> Avenue South

**Description:** Install new traffic signal, channelization, and pedestrian crossings at this intersection. The signal design will be coordinated with Google improvements and PSE high voltage line. Requires ROW acquisition and driveway consolidation. Funded CIP project TR 0115.





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



Table CF - 9 2014 REVISIONS  
2022 Transportation Projects List (Funded - Unfunded)

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

Comp Plan ID Number	Project Description	Total Cost <sup>(1)</sup>	Cip Project Number	Funded in 6-yr CIP	Source Doc <sup>(2)</sup>	Comp Plan Goal	2022 Concurrency Project
NM20-1	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	
NM20-57	Cross Kirkland Corridor Non-motorized Improvements	\$ 90.0	NM 0086		C, NM	T-2	
NM20-58	Citywide School Walkroute Enhancements	\$ 16.3	NM 0087		C, NM	T-2	
NM20-59	NE 124th Street Sidewalk	\$ 0.3	NM 0088		C, NM	T-2	
NM20-60	Lakefront Pedestrian & Bicycle Improvements	\$ 1.0	NM 0089		C, NM	T-2	
NM20-61	Juanita Drive "Quick Wins"	\$ 1.4	NM 0090		C, NM	T-2	
NM20-62	Totem Lake Non-motorized Bridge	\$ 1.7	NM 0091		C, NM	T-2	
Subtotal Nonmotorized		\$ 192.1					
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	

**Table CF - 9 2014 REVISIONS**  
**2022 Transportation Projects List (Funded - Unfunded)**

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	
TR20-38	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	
<b>TR20-43</b>	<b>6th Street S &amp; 9th Avenue S Intersection Imps</b>	<b>\$ 1.0</b>	<b>TR 0115</b>		<b>C</b>	<b>T-4</b>	
Subtotal Traffic		\$ 89.8					

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**  
**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 <sup>th</sup> Avenue NE	\$ 5.7	TR 0096	No	C, 132	T-4	√
TR20-18	NE 132nd Street at 116th Way NE to Totem Lake Blvd / I-405	\$ 0.3	TR 0098	No	C, 132	T-4	√
TR20-34	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)



## CFP TABLE MODIFICATION SUMMARY 2014

### TABLE CF8 – Capital Facilities Plan: Transportation Projects

*SOURCES OF FUNDS:*

No changes

*USES OF FUNDS:*

**Reintroduced:**

TR20-35 – Kirkland ITS Improvements, Phase I

### TABLE CF8A – Capital Facilities Plan: Transportation Projects

*SOURCES OF FUNDS:*

No changes

*USES OF FUNDS:*

No changes

### TABLE CF9 – Transportation Projects List (Funded-Unfunded)

**Removed/Completed:**

**Reintroduced:**

**New:**

NM20-57—Cross Kirkland Corridor Non-motorized Improvements

NM20-58—Citywide School Walkroute Enhancements

NM20-59—NE 124<sup>th</sup> Street Sidewalk

NM20-60—Lakefront Pedestrian & Bicycle Improvements

NM20-61—Juanita Drive “Quick Wins”

NM20-62—Totem Lake Non-motorized bridge

### TABLE CF10 – Concurrency Transportation Projects List

No changes.