

RESOLUTION R-5376

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND
ADOPTING THE CITY OF KIRKLAND 2019-2024 TRANSPORTATION
IMPROVEMENT PROGRAM.

1 WHEREAS, under RCW 35.77.010 the City is required annually
2 to review and adopt a six-year Transportation Improvement Program;
3 and
4

5 WHEREAS, on June 18, 2019, the City Council conducted a public
6 hearing and took public comment on the proposed 2019-2024
7 Transportation Improvement Program; and
8

9 WHEREAS, the City Council finds the proposed 2019-2024
10 Transportation Improvement Program is consistent with the
11 Transportation Element of the City of Kirkland Comprehensive Plan; and
12

13 WHEREAS, with respect to the provisions of RCW 35.77.010(2),
14 the City Council finds that the proposed 2019-2024 Transportation
15 Improvement Program identifies non-motorized projects for sidewalk
16 and school walk route enhancements, and improvements to the Cross
17 Kirkland Corridor; including trail components.
18

19 NOW, THEREFORE, be it resolved by the City Council of the City
20 of Kirkland as follows:
21

22 Section 1. The City of Kirkland 2019-2024 Transportation
23 Improvement Program is adopted as set forth in Exhibits A and Exhibit
24 B which are incorporated by reference.
25

26 Section 2. Copies of this Resolution and the 2019-2024
27 Transportation Improvement Program, as set forth in Exhibits A and
28 Exhibit B, shall be filed with the Secretary of the Washington State
29 Department of Transportation as required by RCW 35.77.010.
30

31 Passed by majority vote of the Kirkland City Council in open
32 meeting this 18th day of June, 2019.
33

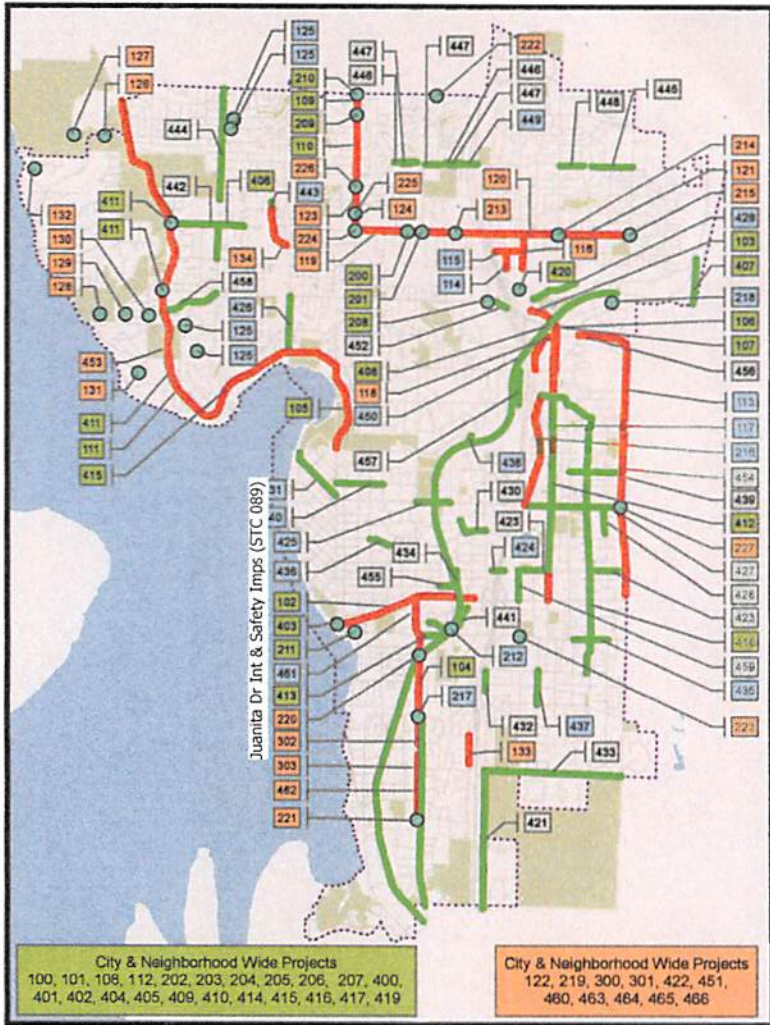
34 Signed in authentication thereof this 18th day of June, 2019.


Penny Sweet, Mayor

Attest:


Kathi Anderson, City Clerk

Transportation Improvement Program (2019-2024)



NOT TO SCALE

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Legend
Text New projects Bold in list ->

Project Type

- PTC, STC, TRC
- NMC
- Intersection Improvements
- Streets
- Lakes
- Parks
- City Limit Boundary

Date: 6/5/2019

- | | | |
|---|---|--|
| 100. Annual Street Preservation Program (STC 006) | 203. Citywide Traffic Management Safety Improvements (TRC 117) | 419. CKC Emergent Projects Opportunity Fund (NMC 115) |
| 101. Street Levy Street Preservation Project (STC 006 03) | 204. Vision Zero Safety Improvement (TRC 117 02) | 420. Totem Lake Public Improvements - Phase 2 (NMC 124) |
| 102. Annual Street Preservation Program - Central Way (STC 006 04) | 205. Neighborhood Traffic Control (TRC 117 03) | |
| 103. Totem Lake Blvd Roadway Repair (STC 006 05) | 206. School Zone Beacon / Signage Improvements (TRC 117 05) | 421. 116th Avenue NE (South Section) Non-Motorized Facilities -- Phase II (NMC 001) |
| 104. 6th Street South Street Preservation | 207. Kirkland ITS Phase III (TRC 120) | 422. Crosswalk Upgrade Program (NMC 012 99) |
| (STC 006 06) | 208. 118th Avenue NENE 124th Street Intersection Improvements (TRC 124) | 423. NE 90th Street Sidewalk (Phase II) (NMC 026) |
| 105. 99th Avenue NE Street Preservation (STC 006 07) | 209. 100th Avenue NE/Simonds Road Intersection Improvements (TRC 131) | 424. NE 90th Street/405 Pedestrian/Bicycle Overpass (NMC 030) |
| 106. 124th Ave NE Roadway Improvements (North Section) ROW (STC 059 12) | 210. 100th Avenue NE/146th Street Intersection Improvements (TRC 136) | 425. Crestwoods Park/CKC Corridor Ped/Bike Facility (NMC 031) |
| 107. 124th Ave NE Roadway Improvements (North Section) Construction (STC 059 13) | 211. Kirkland Avenue/Lake Street Intersection Improvements (TRC 137) | 426. 93rd Avenue NE Sidewalk (NMC 032) |
| 108. Annual Striping Program (STC 060) | 212. Kirkland Way/CKC Bridge Abutment/Intersection Improvement (TRC 067) | 427. NE 100th Street Bike Lane (NMC 036) |
| 109. 100th Avenue NE Roadway Improvements (North Section) (STC 063 13) | 213. NE 132nd Street/Fire Station Access Drive Intersection Improvements (TRC 095) | 428. 130th Avenue NE Sidewalk (NMC 037) |
| 110. 100th Ave NE Roadway Imps (Mid-North Section) (STC 063 14) | 214. NE 132nd Street/124th Avenue NE Intersection Improvements (TRC 096) | 429. NE 126th Street Non-Motorized Facilities (NMC 043) |
| 111. Juanita Drive Int & Safety Imps (STC 069) | 215. NE 132nd Street/132nd Ave NE Intersection Improvements (TRC 097) | 430. NE 95th Street Sidewalk (Highlands) (NMC 045) |
| 112. Regional Inter-Agency Coordination (STC 999 9) | 216. Slater Avenue NE Traffic Calming - Phase 1 (TRC 114) | 431. 18th Avenue SW Sidewalk (NMC 046) |
| | 217. NE 68th Street Intersection Improvements/Access Management (TRC 117 04) | 432. 116th Avenue NE Sidewalk (South Rose Hill) (NMC 047) |
| 113. 132nd Avenue NE Roadway Improvements (STC 056) | 218. Slater Avenue NE (132nd Avenue NE) NE 124th Street (TRC 123) | 433. NE 60th Street Sidewalk (NMC 048) |
| 114. 119th Avenue NE Roadway Extension (STC 061) | 219. Kirkland ITS Implementation Phase 4 (TRC 125) | 434. 112th Avenue NE Sidewalk (NMC 049) |
| 115. NE 130th Street Roadway Improvements (STC 062) | 220. 6th Street S/5th Place/CKC Transit Signal Priority (TRC 126) | 435. NE 80th Street Sidewalk (NMC 050) |
| 116. 120th Avenue NE Roadway Improvements (STC 063) | 221. NE 53rd Street Intersection Improvements (TRC 129) | 436. 13th Avenue Sidewalk (NMC 054) |
| 117. 124th Avenue NE Roadway Widening Improvements (South Section) (STC 064) | 222. NE 146th Street/Juanita-Woodville Way Intersection Improvements (TRC 130) | 437. 122nd Avenue NE Sidewalk (NMC 055) |
| 118. NE 120th Street Roadway Improvements (West Section) (STC 072) | 223. NE 80th Street/120th Avenue NE Intersection Improvements (TRC 131) | 438. 111th Ave Non-Motorized/Emergency Access Connection (NMC 058) |
| 119. NE 132nd Street Roadway Improvements - Phase I (West Section) (STC 077) | 224. 100th Avenue NE/132nd Street Intersection Improvements (TRC 132) | 439. NE 104th Street Sidewalk (NMC 061) |
| 120. NE 132nd Street Roadway Improvements - Phase II (Mid Section) (STC 078) | 225. 100th Avenue NE/Juanita-Woodville Way Intersection Improvements (TRC 133) | 440. 19th Avenue Sidewalk (NMC 062) |
| 121. NE 132nd Street Roadway Improvements - Phase III (East Section) (STC 079) | 226. 100th Avenue NE/137th Street Intersection Improvements (TRC 134) | 441. Kirkland Way Sidewalk (NMC 063) |
| 122. Totem Lake Area Development Opportunity Program (STC 081) | 227. NE 100th Street/132nd Ave NE Intersection Improvements (TRC 135) | 442. NE 132nd Street Sidewalk At Finn Hill Middle School (NMC 072) |
| 123. 100th Avenue NE Roadway Improvements (Mid-South Section) (STC 083 15) | | 443. 90th Avenue NE Sidewalk (NMC 074) |
| 124. 100th Avenue NE Roadway Improvements (South Section) (STC 083 16) | | 444. 84th Avenue NE Sidewalk (NMC 075) |
| 125. Finn Hill Roadway Emergency Vehicle Access Connections (STC 086) | 300. Public Transit Speed And Reliability Improvements (PTC 2) | 445. NE 140th Street Sidewalks At Muir Elementary - Phase I (NMC 076) |
| 126. Holmes Point Dr NE Road Embankment Stabilization Location (STC 094) | 301. Public Transit Passenger Environment Improvements (PTC 3) | 446. NE 140th Street - Keller Elementary Walk Route Enhancement - North Side (NMC 077) |
| 127. Holmes Point Dr NE Road Embankment Stabilization Location (STC 095) | 302. 108th Avenue NE Transit Queue Jump - Phase 1 (PTC 4) | 447. NE 140th Street - Keller Elementary Walk Route Enhancement - South Side (NMC 078) |
| 128. Holmes Point Dr NE Road Embankment Stabilization Location (STC 096) | 303. 108th Avenue NE Transit Queue Jumps - Phase 2 (PTC 5) | 448. NE 140th Street Sidewalks At Muir Elementary - Phase 2 (NMC 079) |
| 129. Holmes Point Dr NE Road Embankment Stabilization Location (STC 097) | | 449. Juanita-Kingsgate Pedestrian Bridge At I-405 (NMC 080) |
| 130. Holmes Point Dr NE Road Embankment Stabilization Location (STC 098) | 400. Street Levy - Safe School Walk Routes (NMC 006 1) | 450. Cross Kirkland Corridor (CKC) Non-Motorized Improvements (NMC 086) |
| 131. Champano Pt Road NE Embankment Stabilization (STC 099) | 401. Street Levy - Pedestrian Safety (NMC 006 2) | 451. Cross Kirkland Corridor (CKC) Crossings (NMC 086 3) |
| 132. 52nd Ave NE Road Embankment Stabilization (STC 100) | 402. Neighborhood Safety Program Improvements (NMC 006 21) | 452. NE 124th Street Sidewalk (NMC 088) |
| 133. 114th Ave NE Road Reconstruction (STC 101) | 403. Central Way Crosswalk Upgrade (NMC 012 04) | 453. Juanita Drive Bicycle and Pedestrian Improvements (NMC 090 11) |
| 134. 90th Ave NE Road Surface Water Drainage Repair (STC 102) | 404. Annual Sidewalk Maintenance Program (NMC 057) | 454. 132nd Avenue NE Sidewalk (NMC 097) |
| | 405. Grant Funded Sidewalk Maintenance Program (NMC 057 01) | 455. 7th Avenue Sidewalk (NMC 101) |
| 200. NE 132nd St/Juanita H.S. Access Rd Intersection Improvements (TRC 093) | 406. NE 132nd Street Sidewalk Improvement (NMC 071) | 456. NE 120th Street Sidewalk (NMC 102) |
| 201. NE 132nd St/108th Avenue NE Intersection Improvements (TRC 094) | 407. CKC To Redmond Central Connector (NMC 081) | 457. 120th Avenue NE Sidewalk (NMC 103) |
| 202. Annual Signal Maintenance Program (TRC 116) | 408. NE 124th St/124th Ave NE Ped Bridge Design / Construction (NMC 086 1) | 458. NE 122nd Place/NE 123rd Street Sidewalk (NMC 104) |
| | 409. Citywide School Walk Route Enhancements (NMC 087) | 459. 120th Avenue NE Sidewalk (NMC 105) |
| | 410. North Kirkland/JFK School Walk Route Enhancements (NMC 087 1) | 460. Citywide CKC Connections (NMC 106) |
| | 411. Juanita Drive Multi-Modal (On Street) Improvements (NMC 090 1) | 461. CKC To Downtown Surface Connection (NMC 107) |
| | 412. 124th Avenue NE Sidewalk (NMC 095) | 462. 108th Avenue NE Bicycle Lanes Upgrade (NMC 111) |
| | 413. Kirkland Avenue Sidewalk Improvements (NMC 098) | 463. Citywide Greenways Network (NMC 113 99) |
| | 414. City-Wide Trail Connections (Non-CKC) (NMC 109) | 464. On-Street Bicycle Networks Phase I (NMC 117) |
| | 415. Lake Front Promenade Design Study (NMC 109 2) | 465. On-Street Bicycle Network Candidate Projects (NMC 888 81) |
| | 416. Citywide Accessibility Improvements (NMC 110 1) | 466. Sidewalk Completion Program Candidate Projects (NMC 999 91) |
| | 417. Citywide Greenways Networks (NMC 113) | |
| | 418. Citywide Greenways Network Project-126th Avenue NE (NMC 113 02) | |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

Projects listed in the 2019-2024 TIP are divided into categories represented by the following colors.

- Section I: Projects Included in the Adopted 2019-2024 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured
- Section II: Unfunded Projects included in the Adopted 2023-2035 Transportation Element of the Capital Facilities Plan (CFP)
- Section III: Unfunded Transportation Improvement Plan/External Funding Candidates
- Section IV: Potential Non-Motorized Projects Under Placeholders, Not Included in Totals

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|---|-------------|--|--|--|----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Local* Funding | State Funding | Federal Funding | Total Funding | |
| Projects Included in the Adopted 2019-2024 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured | | | | | | | | | |
| 100 | ST 0006 | Annual Street Preservation Program | Preservation of roadway system with various techniques including overlay, slurry seal, crack seal and others. The Public Works Department is responsible for approximately 245 miles of asphalt streets throughout the City. The annual program ensures maintenance of this infrastructure and reduces costly repairs resulting from total road failure. Project includes repair and resurfacing of streets and repair and replacement of adjoining damaged concrete curb, gutters and sidewalks as well as installing accessible curb ramps to meet the requirements of the Americans with Disabilities Act (ADA). Project complements levy-funded project ST 0006 003. | | 8,962 | | | 8,962 | 8,962 |
| 101 | ST 0006 003 | Street Levy Street Preservation | A voter-approved levy funded annual project to enhance preservation of roadway system as part of an overall preservation program. Project includes repair and resurfacing of streets and repair and replacement of adjoining damaged concrete curb, gutters and sidewalks as well as installing accessible curb ramps to meet the requirements of the Americans with Disabilities Act (ADA). Project complements ST 0006 000. | | 12,507 | | | 12,507 | 12,507 |
| 102 | ST 0006 004 | Central Way Street Preservation | The design for a grind, patch, modification of wheelchair ramps and overlay of Central Way. Funds became available through a federal Street Preservation design-only grant. City grant match funds are available through the Annual Street Preservation Program for 2018. Overlay of the project will occur through a future the Street Preservation Program timed in coordination with adjacent major redevelopment activity. | | 30 | | 184 | 214 | 214 |
| 103 | ST 0006 005 | Totem Lake Blvd Gateway & Roadway Repair | The repair and rebuild of a portion of Totem lake Blvd, to include a combination to standard and geotechnically accepted road prism repair techniques for insuring structural road base and roadway surface integrity. | | 820 | 4,320 | | 5,140 | 5,140 |
| 104 | ST 0006 006 | 6th Street South Street Preservation | The repair and rebuild of 6th Street and 6th Street South, to include a combination of standard and geotechnically accepted road prism repair techniques for insuring structural road base and roadway surface integrity. Asphalt pavement to be replaced on all segments throughout the project limits and the replacement of ADA con-compliant wheelchair ramps. | | 2,200 | | | 2,200 | 2,200 |
| 105 | ST 0006 007 | 98th Avenue NE Street Preservation | Complete design and construction for resurfacing 98th Avenue NE from Forbes Creek Drive to NE 116th Street. Repair damaged sections of pavement, broken curb, gutter and sidewalk. Resurface bridge deck and reconstruct bridge joints. Replace and upgrade curb ramps to meet ADA requirements. Place traffic loops where needed and restripe pavement markings. | | 1,391 | 631 | | 2,022 | 2,022 |
| 106 | ST 0059 12 | 124th Ave NE Roadway Improvements (North Section) ROW | The purchase of land for the widening of the existing roadway between intersections at NE 116th Street and NE 124th Street from 3 lanes to 5 lanes, include 2-way center turn lane and improve pedestrian crossing(s). This project will reconstruct existing sidewalk, transit stops and bicycle lanes which will be impacted by roadway widening. | | 395 | | 1,800 | 2,195 | 2,195 |
| 107 | ST 0059 13 | 124th Ave NE Roadway Improvements (North Section) Construction | Widen existing roadway between intersections at NE 116th Street and NE 124th Street from 3 lanes to 5 lanes, include 2-way center turn lane and improve pedestrian crossing(s). This project will reconstruct existing sidewalk, transit stops and bicycle lanes, which will be impacted by roadway widening. | | 1,508 | | 3,892 | 5,400 | 5,400 |
| 108 | ST 0080 | Annual Striping Program | Annual program to maintain markings that identify travel lanes, crosswalks, and other guidance markings for auto, pedestrian, bicycle, transit and other forms of transportation. The program will result in the restriping of more than 40 miles of collector and arterial streets throughout the City. | | 3,000 | | | 3,000 | 3,000 |
| 109 | ST 08313 | 100th Avenue NE Roadway Improvements (North Section) | Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades. | | 3,536 | | | 3,536 | 3,536 |
| 110 | ST 08314 | 100th Avenue NE Roadway Improvements (Mid-North Section) | Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades. | | 5,279 | | | 5,279 | 5,279 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|-------------|-------------|--|--|--|----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 111 | ST 0089 | Juanita Drive Intersection and Safety Improvements | This project will complete the auto related elements identified in the Juanita Drive Corridor Study that are not currently funded, including ITS improvements. Improve safety for motor vehicles through elements including turn lanes, channelization and improvements to increase sight distance. | | 6,600 | | | 6,600 | 6,600 |
| 112 | ST 9999 | Regional Inter-Agency Coordination | Staffing requirements for the City's coordination and participation in regional projects constructed by others such as Washington State Department of Transportation (WSDOT), Sound Transit, King County Metro, etc. | | 492 | | | 492 | 492 |
| 200 | TR 0093 | NE 132nd St/Juanita H.S. Access Rd Intersect'n Imp | Construct a 150 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service. | | 1,660 | | | 1,660 | 1,660 |
| 201 | TR 0094 | NE 132nd St/108th Ave NE Intersect'n Imp | Construct a 150 foot eastbound right turn lane to allow this intersection to maintain a vehicular level of service. | | 1,220 | | | 1,220 | 1,220 |
| 202 | TR 0116 | Annual Signal Maintenance Program | Signal maintenance to replace equipment at end of useful life to maintain full capabilities. Includes range of improvements from full intersections to cabinets and service connections to components in cabinets. Also includes RRFBS (pedestrian flashing beacons), school flashers, and radar speed signs. | | 1,100 | | | 1,100 | 1,650 |
| 203 | TR 0117 | Citywide Traffic Management Safety Improvements | This project is an opportunity fund for improvements that increase motor vehicle safety. It includes design and construction of new traffic signals that meet one or more warrants, modification of existing signals to incorporate flashing yellow arrows or other changes, modifications to driveways and other improvements that specifically address safety needs. | | 600 | | | 600 | 600 |
| 204 | TR 0117 002 | Vision Zero Safety Improvement | This project is an opportunity fund for improvements that come from Vision Zero work, an international road traffic safety project, which aims to achieve a transportation system with no fatalities or serious injuries in street traffic. The scope will be further defined as the City begins developing a Vision Zero program. | | 300 | | | 300 | 300 |
| 205 | TR 0117 003 | Neighborhood Traffic Control | This project is an opportunity fund for neighborhood traffic control elements such as traffic circles, speed humps, curb bulbs, lighting, radar speed signs and a variety of other improvements as identified in cooperation with the residents affected by the projects. | | 150 | | | 150 | 150 |
| 206 | TR 11705 | School Zone Beacon & Signage Improvements | This project is an opportunity fund for consistent school zone traffic control elements, including flashing beacons and improved signage in school zones around the City. | | 50 | | | 50 | 50 |
| 207 | TR 0120 | Kirkland Intelligent Transportation System Phase 3 | A next phase of intelligent transportation (ITS) improvements. It will be defined further after completion of phases I and II and after completion of a revised ITS study. | 1,026 | 2,074 | | | 3,100 | 3,100 |
| 208 | TR 12400 | 116th Avenue NE/NE 124th Street Intersection Imps | Project improves vehicular level of service at the signalized intersection. Construct southbound right turn lane approximately 200 feet long on 116th Avenue NE at NE 124th Street. Includes sidewalk, planter strip and associated signal reconstruction. Requires approximately 1000 sq. ft. of property acquisition. Project is funded through two external funding sources. | 1,500 | | | | 1,500 | 1,500 |
| 209 | TR 13500 | 100th Avenue NE/Simonds Road Intersection Imps | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | | 1,189 | | | 1,189 | 1,189 |
| 210 | TR 13600 | 100th Avenue NE/NE 124th Street Intersection Imps | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | | 1,226 | | | 1,226 | 1,226 |
| 211 | TR 13700 | Lake Street/Kirkland Avenue Intersection Imps | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate from the Downtown Pedestrian Access Study which proposes a pedestrian scramble phase at the signal. The Study also recommends the elimination of the east-bound right-turn lane and a reconstruction of the intersection corners to improve pedestrian safety. The traffic signal will be improved with all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | | | 1,553 | | 1,553 | 1,553 |
| 400 | NM 0006 100 | Street Levy-Safe School Walk Routes | A fund to leverage State and Federal grant funding to improve school walk routes near Kirkland elementary and middle schools. | | 600 | | | 600 | 600 |
| 401 | NM 0006 200 | Street Levy-Pedestrian Safety | An opportunity fund of Levy revenue used for pedestrian safety amenities City-wide. This project provides for the construction and re-construction of crosswalks, crosswalk lighting, flashing beacons and other features to enhance the pedestrian experience consistent with the goals and objectives of the Transportation Master Plan. | | 900 | | | 900 | 900 |
| 402 | NM 0006 201 | Neighborhood Safety Program Improvements | The Program under City Council's Walkable Kirkland Initiative for completing a number of neighborhood projects citywide under \$50,000. Project categories include: Bicycle Facilities, Crosswalk, Intersection Improvements, Traffic Calming, Walkway/Sidewalk and Trails, and Street Lights. Program improvements are restricted to City property including streets, parks, community facilities, and the Cross Kirkland Corridor. | | 1,200 | | | 1,200 | 1,200 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | | |
|-------------|-------------|--|--|--|-----------------|---------------|-----------------|---------------|------------|--------|
| | | | | Unsecured 2019-2024 Funding | Project Funding | | | | Total Cost | |
| | | | | | Local* Funding | State Funding | Federal Funding | Total Funding | | |
| 403 | NM 0012 004 | Central Way Crosswalk Upgrade | Crosswalk improvements to include a new pedestrian activated flashing beacons (RFB) and improved lighting. The Active Transportation Plan and Transportation Master Plan identified the need for improved pedestrian crossing in the City's pedestrian system. | | 100 | | | | 100 | 100 |
| 404 | NM 0057 | Annual Sidewalk Maintenance Program | Preservation of sidewalk system. The Public Works Department is responsible for the maintenance of numerous miles of sidewalk. The annual program ensures maintenance of this infrastructure and reduces costly repairs resulting from total failure. | | 1,200 | | | | 1,200 | 1,200 |
| 405 | NM 005701 | Grant Funded Sidewalk Maintenance Program | Preservation of Kirkland's sidewalk system. The Public Works Department is responsible for the maintenance of numerous miles of sidewalk. This one-time grant funded program ensures maintenance of this infrastructure and reduces costly repairs resulting from total failure. The project will not move forward without the securing of grant funding. | | | 2,000 | | | 2,000 | 2,000 |
| 406 | NM 07100 | NE 132nd Street Sidewalk Improvement | Install approximately 960 feet of 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. Project is a candidate project under NM 9999 100. | | 350 | 200 | | | 550 | 550 |
| 407 | NM 0081 | CKC to Redmond Central Connector | Install 1,850 linear feet of shared-use path, including, to the maximum extent feasible, an ADA compliant pedestrian route to connect the Cross Kirkland Corridor to the Redmond Central Connector. Project funding may include regional partnerships with the State, City of Redmond, King County and/or others. | | 239 | 2,500 | | | 2,739 | 2,739 |
| 408 | NM 0086 100 | NE 124th St/124th Ave NE Pedestrian Bndge Construction (Totem Lake Non-Motorized Bridge) | The planning, design and construction of a pedestrian and bicycle bridge along the Cross Kirkland Corridor (CKC) at NE 124th Street and 124th Avenue NE/Totem Lake Blvd. Design is to be consistent with the CKC Master Plan. | | 16,480 | | 923 | | 17,403 | 17,403 |
| 409 | NM 0087 | Citywide School Walk Route Enhancements | 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 as grant funding becomes available on a project by project basis. Staff is currently working with the Lake Washington School District to develop an updated list of walk routes. | 550 | 5,453 | | | | 6,003 | 6,003 |
| 410 | NM 0087 001 | North Kirkland/JFK School Walk Route Enhancements | 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 in the North Kirkland, Juanita, Finn Hill, and Kingsgate (JFK) neighborhoods. Project is expected to be completed using a combination of project phases and multi-schedule construction. Staff is currently working with the Lake Washington School District to develop an updated list of walk routes. | 535 | 415 | | | | 950 | 950 |
| 411 | NM 0090 001 | Juanita Drive Multi-Modal (On-Street) Improvements | Construct flashing crosswalk and improve the sidewalk on the west side of the road at the NE 124th Street intersection. Add south-bound left turn pocket, pedestrian crossing and improve walkway at the NE 132nd Street intersection. | | 525 | | | | 525 | 525 |
| 412 | NM 0095 | 124th Avenue NE Sidewalk Improvements | Provides for the design and construction of 2,960 feet of new concrete sidewalks, curb and gutter, walls and drainage improvements for providing a continuous sidewalk along the west side of 124th Ave NE. Prioritization of project is consistent with the Transportation Master Plan, staff continues to actively pursue grant opportunities. | | 2,125 | 275 | | | 2,400 | 2,400 |
| 413 | NM 0098 | Kirkland Avenue Sidewalk Improvements | Construct approximately 400 feet of new sidewalk on the south side of Kirkland Avenue to complete missing segments, providing a continuous walk in support of completing connections to the Cross Kirkland Corridor (CKC). | | 600 | | | | 600 | 600 |
| 414 | NM 0109 | Citywide Trail Connections (Non-CKC) | Provides for the construction of trails other than the Cross Kirkland Corridor (CKC). Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, walls, lighting, pavement marking and drainage improvements. Property acquisition will often be needed. Trail connections should be coordinated with plans in the Park Recreation and Open Space Plan. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | | 275 | | | | 275 | 275 |
| 415 | NM 0109 002 | Lake Front Promenade Design Study | A study to examine options for creating a Lakefront promenade and includes various treatments to accommodate pedestrians, bicycles, parking and active uses along the corridor. | | 75 | | | | 75 | 75 |
| 416 | NM 0110 001 | Citywide Accessibility Improvements | An Opportunity Fund for implementation of a wide range accessibility improvements, as developed by the Accessibility Transition Plan. | | 700 | | | | 700 | 700 |
| 417 | NM 0113 | Citywide Greenways Networks | This project provides for the design and construction of a greenway network. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | | 1,250 | | | | 1,250 | 1,250 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|-------------|-------------|--|---|--|----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 418 | NM 0113 002 | Citywide Greenways Network Project-128th Avenue NE | This project provides for the design and construction of a greenway network in the area of 128th Avenue NE. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | 250 | 550 | | | 800 | 800 |
| 419 | NM 0115 | CKC Emergent Projects Opportunity Fund | An Opportunity Fund for implementation of a wide range of Cross Kirkland Corridor (CKC) access improvements. | | 400 | | | 400 | 400 |
| 420 | NM 0124 | Totem Lake Public Improvements Phase 2 | A number of second phase transportation and other public improvements associated with the redevelopment of The Village at Totem Lake Mall. The improvements include, but are not limited to, sidewalks on the east side of 120th Avenue NE, new planters with other street amenities at 120th Avenue NE and the new Totem Lake Plaza roadway, new dedicated right-of-way along Totem Lake Way, together with new dedicated public park area, with park amenities and art. City funding is a combination of REET and debt for the cumulative \$7,500,000 project total. | | 7,500 | | | 7,500 | 7,500 |
| TOTALS | | | | 3,861 | 97,226 | 11,479 | 6,799 | 119,365 | 119,915 |

- * Local funding includes secured revenue from other local agencies and private entities (i.e., developers, etc.)
- ** Other funding includes secured revenue from federal and state grants.

| Unfunded Projects included in the 2019-2024 Transportation Element of the Capital Facilities Plan | | | | | | | | | |
|---|----------|--|--|--------|--|--|--|--|--------|
| 116 | ST 0063 | 120th Avenue NE Roadway Improvements (north) | Widen 120th Avenue to a 3-lane cross section between north of the Totem Lake Mall at approximately NE 128th Street and NE 132nd Street, final alignment has not yet been determined south of NE 128th Street. Project includes one travel lane in each direction and a two-way left turn lane along with landscaped median islands, curb, gutter, sidewalk and bicycle lanes. Three signalized intersections will be reconstructed. Project length is approximately 1,650 feet. | 4,500 | | | | | 4,500 |
| 118 | ST 0072 | NE 120th St Roadway Improvements | Install 1100 feet of new roadway along an alignment west of the completed section of NE 120th Street (between Slater Ave and 124th Ave). The new roadway will begin at the intersection of 124th Avenue NE, extend west to the Cross Kirkland Corridor, parallel the Corridor and terminate at 116th Ave NE. The project will include signal modifications at 124th Ave NE/NE 120th St, bike facilities sidewalks, and planter strips along the entire alignment. Revised to include segment from CKC to 116th Ave NE. | 15,781 | | | | | 15,781 |
| 120 | ST 0077 | NE 132nd St Rdwy Imprv.-Phase I (West Section) | The addition of landscaped median islands, the repair of concrete sidewalks, and the overlay and restriping of NE 132nd Street, between 100th Ave NE and I-405 to provide 5-foot bicycle lanes and improved pedestrian access along a portion of the NE 132nd Street Corridor, as outlined within the NE 132nd Street Roadway Masterplan Study completed in 2008. | 1,739 | | | | | 1,739 |
| 121 | ST 0078 | NE 132nd St Rdwy Imprv.-Phase II (Mid Section) | The addition of landscaped median islands, the repair of concrete sidewalks, and the overlay and restriping of NE 132nd Street, between I-405 and 124th Avenue NE to provide 5-foot bicycle lanes and improved pedestrian access along a portion of the NE 132nd Street Corridor, as outlined within the NE 132nd Street Roadway Masterplan Study completed in 2008. | 408 | | | | | 408 |
| 122 | ST 0079 | NE 132nd St Rdwy Imprv.-Phase III (East Section) | The addition of landscaped median islands, the repair of concrete sidewalks, and the overlay and restriping of NE 132nd Street, between 124th Avenue NE and 132nd Avenue NE to provide 5-foot bicycle lanes and improved pedestrian access along a portion of the NE 132nd Street Corridor, as outlined within the NE 132nd Street Roadway Masterplan Study completed in 2008. | 1,444 | | | | | 1,444 |
| 123 | ST 0081 | Totem Lake Area Development Opportunity Program | Establishing a new project in anticipation of development opportunities funded through grants that may require a City matching portion. | 500 | | | | | 500 |
| 124 | ST 08315 | 100th Avenue NE Roadway Improvements (Mid-South Section) | Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades. | 5,930 | | | | | 5,930 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|-------------|----------|---|--|--|----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 125 | ST 08316 | 100th Avenue NE Roadway Improvements (South Section) | Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades | 3,619 | | | | | 3,619 |
| 127 | ST 09400 | Holmes Point Dr NE Road Embankment Stabilization Location 1 | Partial or full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control is needed to eliminate animal burrows in the hillside. | 246 | | | | | 246 |
| 128 | ST 09500 | Holmes Point Dr NE Road Embankment Stabilization Location 2 | Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control needed to eliminate animal burrows in the hillside. | 412 | | | | | 412 |
| 129 | ST 09600 | Holmes Point Dr NE Road Embankment Stabilization Location 3 | Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control is needed to eliminate animal burrows in the hillside. | 503 | | | | | 503 |
| 130 | ST 09700 | Holmes Point Dr NE Road Embankment Stabilization Location 4 | Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control is needed to eliminate animal burrows in the hillside. The tight-lining of an existing corrugated stormwater pipe is needed such that it discharges at the bottom of the slope, as opposed to the middle of the slope. | 551 | | | | | 551 |
| 131 | ST 09800 | Holmes Point Dr NE Road Embankment Stabilization Location 5 | Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal is needed to control to eliminate animal burrows in the hillside. | 232 | | | | | 232 |
| 132 | ST 09900 | Champagne Pt Road NE Embankment Stabilization | Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal is or control is needed to eliminate animal burrows in the hillside. Revegetation of the slope is included. | 563 | | | | | 563 |
| 133 | ST 10000 | 62nd Ave NE Road Embankment Stabilization | Construction of soldier pile and lagging wall and embankment regrading to protect and preserve roadway integrity. | 823 | | | | | 823 |
| 134 | ST 10100 | 114th Ave NE Road Reconstruction | Excavation of existing unsuitable embankments fill and replacement with imported material. Replacing utilities along the project alignment (1,000ft). Construction of approximately 150ft of french drain to the east side of road. | 1,900 | | | | | 1,900 |
| 135 | ST 10200 | 90th Ave NE Road Surface Water Drainage Repair | Repair and restore shoulder support eroded areas. Remove existing stormwater controlling extruded curbs on both sides of the roadway and replace with new extruded curbs. Reinstall guardrail posts in areas where post support has eroded. | 420 | | | | | 420 |
| 213 | TR 0095 | NE 132nd St/Fire Stn Access Dr Intersect'n Imp | 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 Washington State Department of Transportation (WSDOT) Half-Diamond interchange at I-405 and NE 132nd Street and Totem Lake redevelopment. | 480 | | | | | 480 |
| 214 | TR 0096 | NE 132nd St/124th Ave NE Intersect'n Imp | 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. Project is subject to anticipated funding through development activities and related revenues. | 7,400 | | | | | 7,400 |
| 215 | TR 0097 | NE 132nd St/132nd Ave NE Intersect'n Imp | 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. | 1,150 | | | | | 1,150 |
| 219 | TR 0125 | Kirkland ITS Implementation Phase 4 | This project is a placeholder for ITS projects that are not currently funded. It will be defined further after completion of a Phase 3 Project and through the completion of a new ITS Study. It will likely include advanced control methods such as adaptive control. | 2,620 | | | | | 2,620 |
| 220 | TR 0128 | 6th Street S / 5th Place / CKC Transit Signal Priority | Transit signal priority at the CKC trail intersection on 6th Street including a new 3-leg signal and the removal of on-street parking with a signal controlled crossing to give transit priority in both north and southbound directions. The realignment of the 5th Place leg of the intersection will be consistent with future plans for the CKC and adjusted to closer to a 90-degree intersection with small curb radii to make it more pedestrian and neighborhood friendly. | 2,600 | | | | | 2,600 |
| 221 | TR 0129 | NE 53rd Street Intersection Improvements | A new traffic signal on 108th Avenue NE at NE 53rd Street with the design and development with engineering consideration of the complicated offset alignment of NE 53rd and NE 52nd Streets, including an adjacent protected crosswalk and nearby transit stops serving Northwest University, Emerson High School, and the neighborhood. | 4,345 | | | | | 4,345 |
| 222 | TR 13000 | NE 145th Street/Juanita-Woodinville Way Intersection Imps | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate and, at a minimum, will replace the spanwire signal with new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | 2,100 | | | | | 2,100 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|-------------|-------------|---|---|--|----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 223 | TR 13100 | NE 80th Street/120th Avenue NE Intersection Improvements | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | 1,700 | | | | | 1,700 |
| 224 | TR 13200 | 100th Avenue NE/132nd Street Intersection Improvements | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | 1,647 | | | | | 1,647 |
| 225 | TR 13300 | 100th Avenue NE/Juanita-Woodinville Way Intersection Imps | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | 2,161 | | | | | 2,161 |
| 226 | TR 13400 | 100th Avenue NE/137th Street Intersection Improvements | Install traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project total based on a 2018 estimate as part of the 100th Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics. | 1,475 | | | | | 1,475 |
| 227 | TR 13800 | NE 100th Street/132nd Ave NE Intersection Improvements | An all new full traffic signal system with signal poles, mast arms and heads, signal cabinet, cameras and full electronics for APS, video detection and ITS capability. Surface features include new curb ramps, crosswalks, and left turn lanes for all approaches. | 1,743 | | | | | 1,743 |
| 300 | PT 0002 | Public Transit Speed and Reliability Improvements | Projects include elements that help reduce delay to bus traffic and that bus travel times to be more reliable. Such improvements can range from priority at signalized intersections to intersection widening to separate lanes for buses. These improvements should be located and designed in cooperation with transit providers. The locations and types of improvements will be identified in the City Transit Study (project number CPT 0001 000). | 500 | | | | | 500 |
| 301 | PT 0003 | Public Transit Passenger Environment Improvements | This project designs and constructs improvements to transit stops. Improvements include items such as shelters, improved lighting and equipment that indicates when buses are scheduled to arrive. The locations and types of improvements will be identified in the City Transit Study (project number PT 0001). | 500 | | | | | 500 |
| 302 | PT 0004 | 108th Avenue NE Transit Queue Jump - Phase I | The widening of 108th Avenue NE to create a transit lane to bypass queues. This Phase I Project provides a northbound queue jump lane for transit in the vicinity of the NE 68th Street/108th Avenue NE intersection. The acquisition of new right-of-way is included. | 4,875 | | | | | 4,875 |
| 303 | PT 0005 | 108th Avenue NE Transit Queue Jump - Phase II | The widening of 108th Avenue NE to create extensive segments of transit lanes to bypass queues. This Phase 2 Project provides a northbound queue between NE 55th Street and NE 60th Street. A new traffic signal is included at NE 60th Street as is the acquisition of new right-of-way. | 5,640 | | | | | 5,640 |
| 422 | NM 0012 999 | Crosswalk Upgrade program | Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands at uncontrolled crosswalks. Also improvements to increase pedestrian safety at signalized intersections. | 4,100 | | | | | 4,100 |
| 423 | NM 0024 201 | Cross Kirkland Corridor Opportunity Fund | Fund for development and/or acquisition related costs for implementation of Cross Kirkland Corridor Master Plan | 500 | | | | | 500 |
| 426 | NM 0031 | Crestwoods Park/CKC Corridor Ped/Bike Facility | Construct concrete pedestrian and bicycle path, stairs, and overpass between Crestwoods Park and the Highlands Neighborhood across Cross Kirkland Corridor (CKC). The Highlands Neighborhood Plan and Nor Kirk Area Plan include reference to a desired link to parks and the barrier presented by Cross Kirkland Corridor. | 2,505 | | | | | 2,505 |
| 450 | NM 0080 | Juanita-Kingsgate Pedestrian Bndge at I-405 | Originally planned by King County Department of Transportation at NE 145th Street, a bridge at this location provides a non-motorized connection across I-405 and infrastructure improvements to provide a connection between parks, schools and other destinations for people walking and biking in the northeast part of the city. | 4,500 | | | | | 4,500 |
| 452 | NM 0086-003 | CKC Roadway Crossings | Crossings of CKC at various roadways that are not funded elsewhere (i.e., NM 0086 100). | 3,370 | | | | | 3,370 |
| 454 | NM 0090-100 | Juanita Drive Bicycle and Pedestrian Improvements | The completion of remaining pedestrian and bicycle elements identified in the Juanita Drive Corridor Study for improved 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. | 10,650 | | | | | 10,650 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|---|--------------|---|--|--|-----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Project Funding | | | | |
| | | | | | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 461 | NM 0106 | Citywide CKC Connections | Provides for the design and construction of connections to the Cross Kirkland Corridor (CKC). They may be adjacent to the corridor or at other locations where a link is missing on a route to the corridor. Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, minor property acquisition, walls, lighting, pavement marking and drainage improvements. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | 360 | | | | | 360 |
| 462 | NM 0107 | CKC to Downtown Surface Connection | The connection would widen, resurface, and install lighting and otherwise improve existing at-grade pathways from the Cross Kirkland Corridor (CKC) to 6th Street. | 2,000 | | | | | 2,000 |
| 463 | NM 0111 | 108th Avenue NE Bicycle Lanes Upgrade | The improvement and completion of the bicycle facilities on 108th Avenue NE. This may include a full spectrum of bike facilities from painted bike lanes to separated facilities and associated traffic signal work. On street bike facilities should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | 845 | | | | | 845 |
| 464 | NM 0113 999 | Citywide Greenway Network | This project provides for the design and construction of a greenway network. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan. | 4,450 | | | | | 4,450 |
| 465 | NM 0117 | On-Street Bicycle Network Phase I | Improving existing on-street bicycle facilities, to include restriping existing pavement to add width and/or buffers to bicycle facilities, as well as the reconstruction of curbs and provision of protected bicycle lanes. The individual projects will be given more specificity in revised Active Transportation Plan. Project finding is contingent on external funding to be sought. | 1,120 | | | | | 1,120 |
| 466 | NM 8888 -100 | On-street Bicycle Network | Add and improve existing on-street bicycle facilities. Includes restriping existing pavement to add width and/or buffers to bicycle facilities, reconstruction of curbs and provision of protected bicycle lanes. Projects will be given more specificity in revised Active Transportation Plan, but could include projects such as NM 0001 and NM 0036. | 3,280 | | | | | 3,280 |
| 467 | NM 9999 -100 | Sidewalk completion program | Complete sidewalk improvements on one side of School Walk Routes (collectors and arterials), principal arterials and in top 2 categories of 10 minute neighborhoods. May include projects such as: NM 0026, NM 0037, NM 0045, NM 0047, NM 0048, NM 0049, NM 0061, NM 0063, NM 0071, NM 0072, NM 0075, NM 0076, NM 0077, NM 0078, NM 0079, NM 0088, NM 0097, NM 0101, NM 0102, NM 0103, NM 0104 and NM 0105. | 6,097 | | | | | 6,097 |
| TOTALS | | | | 124,284 | 0 | 0 | 0 | 0 | 244,199 |
| Unfunded Transportation Improvement Plan/External Funding Candidates | | | | | | | | | |
| 113 | ST 0056 | 132nd Avenue NE Roadway Improvements | Street Improvement | 25,170 | | | | | 25,170 |
| 114 | ST 0061 | 119th Avenue NE Roadway Extension | Street Improvement | 5,640 | | | | | 5,640 |
| 115 | ST 0062 | NE 130th Street Roadway Improvements | Street Improvement | 10,000 | | | | | 10,000 |
| 116 | ST 0073 | 120th Avenue NE Roadway Extension | Street Improvement | 16,392 | | | | | 16,392 |
| 117 | ST 0064 | 124th Avenue NE Roadway Improvements | Street Improvement | 30,349 | | | | | 30,349 |
| 126 | ST 0086 | Finn Hill Emergency Vehicle Access Connection | Street Improvement | 900 | | | | | 900 |
| 212 | TR 0067 | Kirkland Way/CKC Bridge Abutment/Intersection Imprv | Traffic Improvement | 6,917 | | | | | 6,917 |
| 216 | TR 0114 | Slater Avenue NE Traffic Calming - Phase I | Traffic Improvement | 247 | | | | | 247 |
| 217 | TR 0117 004 | NE 68th St Intersection Imps/Access Management | Traffic Improvement | 4,375 | | | | | 4,375 |
| 218 | TR 0123 | Slater Avenue NE (132nd Avenue NE)/NE 124th Street | Traffic Improvement | 2,124 | | | | | 2,124 |
| 425 | NM 0030 | NE 90th Street/I-405 Pedestrian/Bicycle Overpass | Sidewalk Improvement | 3,741 | | | | | 3,741 |
| 427 | NM 0032 | 93rd Avenue Sidewalk | Sidewalk Improvement | 1,048 | | | | | 1,048 |
| 430 | NM 0043 | NE 126th St Nonmotorized Facilities | Sidewalk Improvement | 4,277 | | | | | 4,277 |
| 432 | NM 0046 | 18th Avenue SW Sidewalk | Sidewalk Improvement | 2,255 | | | | | 2,255 |
| 436 | NM 0050 | NE 80th Street Sidewalk | Sidewalk Improvement | 860 | | | | | 860 |
| 437 | NM 0054 | 13th Avenue Sidewalk | Sidewalk Improvement | 447 | | | | | 447 |

City of Kirkland 2017-2022 Transportation Improvement Program (TIP)

| TIP Map No. | CIP # | Project Name | Project Description | 2019-2024 Project Funding Categories (\$000) | | | | | Total Cost |
|-------------|---------|--|-------------------------------------|--|-----------------|---------------|-----------------|---------------|------------|
| | | | | Unsecured 2019-2024 Funding | Project Funding | | | | |
| | | | | | Local* Funding | State Funding | Federal Funding | Total Funding | |
| 438 | NM 0055 | 122nd Ave NE Sidewalk | Sidewalk Improvement | 867 | | | | | 867 |
| 439 | NM 0058 | 111th Ave Non-Motorized/Emerg. Access Connection | Pathway | 2,000 | | | | | 2,000 |
| 441 | NM 0062 | 19th Avenue Sidewalk | Sidewalk Improvement | 814 | | | | | 814 |
| 444 | NM 0074 | 90th Ave NE Sidewalk | Sidewalk Improvement | 353 | | | | | 353 |
| 451 | NM 0086 | Cross Kirkland Corridor Non-motorized Improvements | Corridor Non-motorized Improvements | 65,742 | | | | | 65,742 |
| TOTALS | | | | 184,518 | | | | | 184,518 |

| Potential Non-Motorized Projects Under Placeholders; Not Included in Totals | | | | | | | | | |
|---|---------|--|----------------------|--------|--|--|--|--|--------|
| NM 8888 100 On-Street Bicycle Network Candidate Projects: | | | | | | | | | |
| 421 | NM 0001 | 116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II | Bicycle Improvement | 3,378 | | | | | 3,378 |
| 428 | NM 0036 | NE 100th Street Bike lane | Bicycle Improvement | 1,644 | | | | | 1,644 |
| NM 9999 100 Sidewalk Completion Program Candidate Projects: | | | | | | | | | |
| 424 | NM 0026 | NE 90th Street Sidewalk (Phase II) | Sidewalk Improvement | 706 | | | | | 706 |
| 429 | NM 0037 | 130th Avenue NE Sidewalk | Sidewalk Improvement | 834 | | | | | 834 |
| 431 | NM 0045 | NE 95th Street Sidewalk (Highlands) | Sidewalk Improvement | 572 | | | | | 572 |
| 433 | NM 0047 | 116th Avenue NE Sidewalk (South Rose Hill) | Sidewalk Improvement | 840 | | | | | 840 |
| 434 | NM 0048 | NE 60th Street Sidewalk | Sidewalk Improvement | 500 | | | | | 500 |
| 435 | NM 0049 | 112th Ave NE Sidewalk | Sidewalk Improvement | 528 | | | | | 528 |
| 440 | NM 0061 | NE 104th Street Sidewalk | Sidewalk Improvement | 1,085 | | | | | 1,085 |
| 442 | NM 0063 | Kirkland Way Sidewalk | Sidewalk Improvement | 414 | | | | | 414 |
| 443 | NM 0072 | NE 132nd Street Sidewalk at Finn Hill Middle School | Sidewalk Improvement | 840 | | | | | 840 |
| 445 | NM 0075 | 84th Ave NE Sidewalk | Sidewalk Improvement | 4,053 | | | | | 4,053 |
| 446 | NM 0076 | NE 140th St Sidewalk - Muir Elem Walk Rt Enhan - Phase 1 | Sidewalk Improvement | 1,131 | | | | | 1,131 |
| 447 | NM 0077 | NE 140th St Sidewalk - Keller Elem Walk Rt Enhan - N | Sidewalk Improvement | 1,185 | | | | | 1,185 |
| 448 | NM 0078 | NE 140th St Sidewalk - Keller Elem Walk Rt Enhan - S | Sidewalk Improvement | 747 | | | | | 747 |
| 449 | NM 0079 | NE 140th St Sidewalk - Muir Elem Walk Rt Enhan - Phase 2 | Sidewalk Improvement | 648 | | | | | 648 |
| 453 | NM 0088 | NE 124th Street Sidewalk | Sidewalk Improvement | 376 | | | | | 376 |
| 455 | NM 0097 | 132nd NE Sidewalk | Sidewalk Improvement | 732 | | | | | 732 |
| 456 | NM 0101 | 7th Avenue Sidewalk | Sidewalk Improvement | 208 | | | | | 208 |
| 457 | NM 0102 | NE 120th Street Sidewalk | Sidewalk Improvement | 548 | | | | | 548 |
| 458 | NM 0103 | 120th Avenue NE Sidewalk | Sidewalk Improvement | 556 | | | | | 556 |
| 459 | NM 0104 | NE 122nd Place/NE 123rd Street Sidewalk | Sidewalk Improvement | 1,294 | | | | | 1,294 |
| 460 | NM 0105 | 120th Avenue NE Sidewalk | Sidewalk Improvement | 812 | | | | | 812 |
| TOTALS | | | | 23,631 | | | | | 23,631 |