

RESOLUTION R-5317

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND ADOPTING THE CITY OF KIRKLAND 2017-2022 TRANSPORTATION IMPROVEMENT PROGRAM.

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

4 WHEREAS, on May 15, 2018, the City Council conducted a public
5 hearing and took public comment on the proposed 2017-2022
6 Transportation Improvement Program; and
7

8 WHEREAS, the City Council finds the proposed 2017-2022
9 Transportation Improvement Program is consistent with the
10 Transportation Element of the City of Kirkland Comprehensive Plan; and
11

12 WHEREAS, with respect to the provisions of RCW 35.77.010(2),
13 the City Council finds that the proposed 2017-2022 Transportation
14 Improvement Program identifies non-motorized projects for sidewalk
15 and school walk route enhancements, and improvements to the Cross
16 Kirkland Corridor; including trail components.
17

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

21 Section 1. The City of Kirkland 2017-2022 Transportation
22 Improvement Program is adopted as set forth in Exhibits A and Exhibit
23 B which are incorporated by reference.
24

25 Section 2. Copies of this Resolution and the 2017-2022
26 Transportation Improvement Program, as set forth in Exhibits A and
27 Exhibit B, shall be filed with the Secretary of the Washington State
28 Department of Transportation as required by RCW 35.77.010.
29

30 Passed by majority vote of the Kirkland City Council in open
31 meeting this 15th day of May, 2018.
32

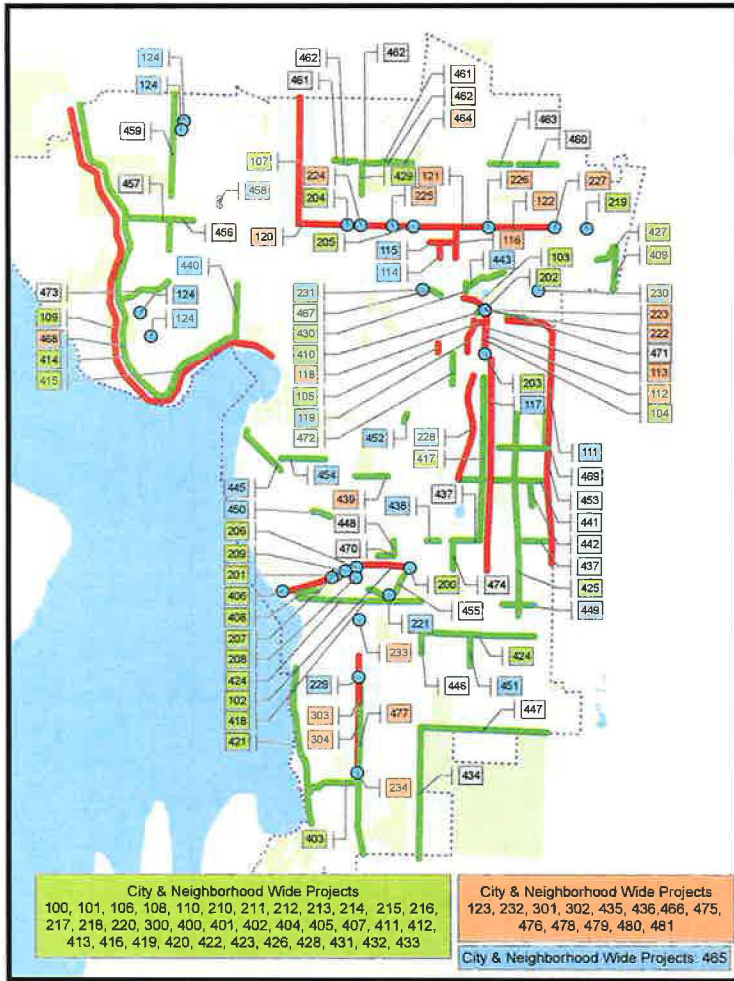
33 Signed in authentication thereof this 15th day of May, 2018.


Jay Arnold, Deputy Mayor

Attest:


Kathi Anderson, City Clerk

Transportation Improvement Program (2017-2022)



- 100. Annual Street Preservation Program (ST6)
- 101. Street Levy Street Preservation Project (ST6 003)
- 102. Annual Street Preservation Program - Central Way (ST6 004)
- 103. Totem Lake Blvd Roadway Repair (ST6 005)
- 104. 124th Avenue NE Roadway Improvements (North Section) - Design (ST 0059 101)
- 105. 118th Avenue NE Roadway Extension (ST 0060)**
- 106. Annual Striping Program (ST 0080)
- 107. 100th Avenue NE Roadway Improvements (ST 0083 102)
- 108. Neighborhood Street Lighting Program (ST 0088 001)**
- 109. Juanita Drive Auto Improvements (ST 0089)
- 110. Regional Inter-Agency Coordination (ST 9999)
- 111. 132nd Avenue NE Roadway Improvements (ST 0055)
- 112. 124th Avenue NE Roadway Improvements (North Section) - Right-Of-Way (ST 0059 102)
- 113. 124th Avenue NE Roadway Improvements (North Section) - Construction (ST 0059 103)
- 114. 119th Avenue NE Roadway Extension (ST 0061)
- 115. NE 130th Street Roadway Extension (ST 0062)
- 116. 120th Avenue NE Roadway Improvements (ST 0063)
- 117. 124th Avenue NE Roadway Widening Improvements (South Section) (ST 0064)
- 118. NE 120th Street Roadway Improvements (West Section) (ST 0072)
- 119. 120th Avenue NE Roadway Extension (ST 0073)
- 120. NE 132nd Street Roadway Improvements - Phase I (West Section) (ST 0077)
- 121. NE 132nd Street Roadway Improvements - Phase II (Mid Section) (ST 0078)
- 122. NE 132nd Street Roadway Improvements - Phase III (East Section) (ST 0079)
- 123. Totem Lake Area Development Opportunity Program (ST 0081)
- 124. Finn Hill Roadway Emergency Vehicle Access Connections (ST 0086)
- 200. NE 85th Street/114th Avenue NE Intersection Improvements Phase II (TR 0079 001)
- 201. Central Way/Park Place Center Traffic Signal (TR 0082)
- 202. NE 124th St/124th Ave NE/Totem Lake Blvd Intersection Improvements - Design (TR 0091 101)
- 203. NE 116th Street/124th Ave NE Northbound Dual Left Turn Lanes (TR 0092)
- 204. NE 132nd Street/Juanita H.S. Access Road Intersection Improvements (TR 0093)**
- 205. NE 132nd Street / 116th Way NE - Totem Lake Blvd (I-405) Intersection Improvements (TR 0098)
- 206. 6th Street And Central Way Intersection Improvements Phase 2 (TR 0100 100)
- 207. Central Way / 4th Street Intersection Improvements (TR 0103)
- 208. 6th Street / 4th Avenue Intersection Improvements (TR 0104)
- 209. Central Way / 5th Street Intersection Improvements (TR 0105)
- 210. Kirkland Intelligent Transportation System Implementation - Phase II (Totem Lake Urban Center) (TR 0111 000)**
- 211. Annual Signal Maintenance Program (TR 0116)
- 212. Citywide Traffic Management Safety Improvements (TR 0117)
- 213. Vision Zero Safety Improvement (TR 0117 002)
- 214. Neighborhood Traffic Control Program (TR 0117 003)
- 215. General Parking Lot Improvements (TR 0118)
- 216. Kirkland Citywide ITS Study (TR 0119)
- 217. Kirkland ITS Phase III (TR 0120)
- 218. Totem Lake Intersection Improvements (TR 0122)
- 219. NE 132nd Street/139th Avenue NE Roundabout (TR 0127)
- 220. Annual Traffic Calming/Swim Surface Water Support (TR 7777)
- 221. Kirkland Way/CKC Bridge Abutment/Intersection Improvements (TR 0067)
- 222. NE 124th St/124th Ave NE/Totem Lake Blvd Intersection Improvements - Right-Of-Way (TR 0091 102)
- 223. NE 124th St/124th Ave NE/Totem Lake Blvd Intersection Improvements - Construction (TR 0091 103)
- 224. NE 132nd Street/108th Avenue NE Intersection Improvements (TR 0094)
- 225. NE 132nd Street/Fire Station Access Drive Intersection Improvements (TR 0095)
- 226. NE 132nd Street/124th Avenue NE Intersection Improvements (TR 0096)
- 227. NE 132nd Street/132nd Ave NE Intersection Improvements (TR 0097)
- 228. Slater Avenue NE Traffic Calming - Phase 1 (TR 0114)
- 229. NE 83rd Street Intersection Improvements / Access Management (TR 0117 004)**
- 230. Slater Avenue NE (132nd Avenue NE/NE 124th Street) Intersection Improvements (TR 0123)
- 231. 116th Avenue NE/NE 124th Street Intersection Improvements (TR 0124)
- 232. Intelligent Transportation System (ITS) Improvements, Phase 4 (TR 0125)
- 233. 6th Street S/5th Place S/CKC Transit Signal Priority (TR 0126)**
- 234. NE 53rd Street Intersection Improvements (TR 0129)**
- 300. Citywide Transit Study (PT1)
- 301. Public Transit Speed And Reliability Improvements (PT2)
- 302. Public Transit Passanger Environment Improvements (PT3)
- 303. 108th Avenue NE Transit Queue Jump - Phase 1 (PTS)**
- 304. 108th Avenue NE Transit Queue Jumps - Phase 2 (PTB)**
- 400. Street Levy - Safe Routes To Schools (NM6 100)
- 401. Streets Levy - Pedestrian Safety (NM6 200)
- 402. Neighborhood Safety Program Improvements (NM6 201)
- 403. Cross Kirkland Corridor - NE 52nd Street Sidewalk (NM7)
- 404. NE 116th Street Crosswalk Upgrade (NM 0012 001)
- 405. 132nd Avenue NE Crosswalk Upgrade (NM 0012 003)
- 406. Central Way Crosswalk Upgrade (NM 0012 004)
- 407. Annual Sidewalk Maintenance Program (NM 0057)
- 408. Park Lane Pedestrian Corridor Enhancements (NM 0064 001)**
- 409. Cross Kirkland Corridor To Redmond Central Corridor Regional Connector (NM 0081)**
- 410. NE 124th St/124th Ave NE Pedestrian Bridge (Totem Lake Non-Motorized Bridge) (NM 0086 100)
- 411. Citywide School Walk Route Enhancements (NM 0087)
- 412. North Kirkland/Jfk School Walk Route Enhancements (NM 0087 001)
- 413. Lake Front Pedestrian And Bicycle Improvements (NM 0089)
- 414. Juanita Drive 'Quick Wins' (NM 0090)
- 415. Juanita Drive Multi-Modal (On Street) Improvements (NM 0090 001)
- 416. Active Transportation Plan Update (NM 0092)
- 417. 124th Avenue NE Sidewalk (NM 0095)
- 418. Kirkland Avenue Sidewalk (NM 0098)
- 419. City-Wide Trail Connections (Non-CKC) (NM 0109)
- 420. Finn Hill Trail Connections (Non-CKC) (NM 0109 001)
- 421. Lake Front Promenade Design Study (NM 0109 002)
- 422. Citywide Accessibility Improvements (NM 0110 001)
- 423. Citywide Greenways Networks (NM 0113)
- 424. Citywide Greenways Network Project (NM 0113 001)
- 425. Citywide Greenways Network Project (NM 0113 002)
- 426. CKC Emergent Projects Opportunity Fund (NM 0115)
- 427. NE 128th Street/139th Avenue NE Sidewalk (NM 0118)
- 428. Downtown Pedestrian Access Study (NM 0119)
- 429. 108th Avenue NE Sidewalk At Edith Moulton Park (NM 0120)
- 430. 120th Avenue Non-Motorized Improvements (NM 0122)**
- 431. Totem Lake Public Improvements - Phase 1 (NM 0123)**
- 432. Totem Lake Public Improvements - Phase 2 (NM 0124)**
- 433. Annual Non-Motorized Cal/Swim Surface Water Support (NM 7777)
- 434. 116th Avenue NE (South Section) Non-Motorized Facilities - Phase II (NM1)
- 435. Crosswalk Upgrade Program Complete (NM 0012 999)
- 436. Cross Kirkland Corridor Opportunity Fund (NM 0024 201)
- 437. NE 90th Street Sidewalk (Phase II) (NM 0026)
- 438. NE 90th Street/405 Pedestrian/Bicycle Overpass (NM 0030)
- 439. Crestwoods Park/CKC Corridor Ped/Bike Facility (NM 0031)
- 440. 93rd Avenue NE Sidewalk (NM 0032)
- 441. NE 100th Street Bikelane (NM 0036)
- 442. 130th Avenue NE Sidewalk (NM 0037)
- 443. NE 126th Street Non-Motorized Facilities (NM 0043)
- 444. NE 95th Street Sidewalk (Highlands) (NM 0045)
- 445. 18th Avenue West Sidewalk (NM 0046)
- 446. 116th Avenue NE Sidewalk (South Rose Hill) (NM 0047)
- 447. NE 60th Street Sidewalk (NM 0048)
- 448. 112th Avenue NE Sidewalk (NM 0049)
- 449. NE 80th Street Sidewalk (NM 0050)
- 450. 13th Avenue Sidewalk (NM 0054)
- 451. 122nd Avenue NE Sidewalk (NM 0055)
- 452. 111th Ave Non-Motorized/Emergency Access Connection (NM 0058)
- 453. NE 104th Street Sidewalk (NM 0061)
- 454. 15th Avenue Sidewalk (NM 0062)
- 455. Kirkland Way Sidewalk (NM 0063)
- 456. NE 132nd Street Sidewalk Improvement (NM 0071)
- 457. NE 132nd Street Sidewalk At Finn Hill Middle School (NM 0072)
- 458. 90th Avenue NE Sidewalk (NM 0074)
- 459. 84th Avenue NE Sidewalk (NM 0075)
- 460. NE 140th Street Sidewalks At Finn Elementary - Phase I (NM 0076)
- 461. NE 140th Street - Keller Elementary Walk Route Enhancement - North Side (NM 0077)
- 462. NE 140th Street - Keller Elementary Walk Route Enhancement - South Side (NM 0078)
- 463. NE 140th Street Sidewalks At Muir Elementary - Phase 2 (NM 0079)
- 464. Juanita-Kingsgate Pedestrian Bridge At I-405 (NM 0080)
- 465. Cross Kirkland Corridor (CKC) Non-Motorized Improvements (NM 0085)
- 466. Cross Kirkland Corridor (CKC) Crossings (NM 0085 003)
- 467. NE 124th Street Sidewalk (NM 0088)
- 468. Juanita Drive Bicycle and Pedestrian Improvements (NM 0090 100)
- 469. 132nd Avenue NE Sidewalk (NM 0097)
- 470. 7th Avenue Sidewalk (NM 0101)
- 471. NE 120th Street Sidewalk (NM 0102)
- 472. 120th Avenue NE Sidewalk (NM 0103)
- 473. NE 122nd Place/NE 123rd Street Sidewalk (NM 0104)
- 474. 120th Avenue NE Sidewalk (NM 0105)
- 475. Citywide CKC Connections (NM 01305)
- 476. CKC To Downtown Surface Connection (NM 0107)
- 477. 108th Avenue NE Bicycle Lanes Upgrade (NM 0111)**
- 478. Citywide Greenways Network Complete (NM 0113 999)
- 479. On-Street Bicycle Networks Phase I (NM 0117)
- 480. On-Street Bicycle Network Candidate Projects (NM 8888 100)
- 481. Sidewalk Completion Program Candidate Projects (NM 9999 100)

NOT TO SCALE

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Date: 2/22/2018



Legend

- Text** New projects Bold in list →
- Intersection Improvements
- PT; ST; TR
- NM
- Streets
- Lakes
- Parks
- Urban Center Boundary 2017
- ⋯ City Limit Boundary

- Funded
- Unfunded Transportation Improvement Plan/External Funding Candidates
- Unfunded Projects included in the Adopted 2023-2035 Transportation Plan Element of the Capital Facilities Plan
- Potential Non-Motorized Projects Under Placeholders, Not Included in Totals

Projects listed in the 2017-2022 TIP are divided into categories represented by the following colors.
 Section I Projects Included in the Adopted 2017-2022 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	2017-2022 Project Funding Categories (\$000)					Total Cost
				Unsecured 2017-2022 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	
Projects Included in the Adopted 2017-2022 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.		9,750			9,750	9,750
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.		14,356			14,356	14,356
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 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.		720			720	720
104	ST 0059 101	124th Ave NE Roadway Improvements (North Section) Design	The design phase for widening the existing roadway between intersections at NE 116th Street and NE 124th Street from 3 lanes to 6 lanes, to include 2-way center turn lane and improve pedestrian crossing(s). This project is intended to reconstruct existing sidewalks, transit stops and bicycle lanes being impacted by roadway widening.		161		1,034	1,195	1,195
105	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.		2,900			2,900	2,900
106	ST 0083 102	100th Ave NE Roadway Improvements	A placeholder for the construction of 100th Ave NE to address roadway improvements for 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 planned funding for implementing at least a portion of the 2016 completed design. The ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, traffic signal and illumination improvements and storm drainage system upgrades. The project may also provide for a new fish passable culvert at the crossing of a Juanita Creek tributary if deemed necessary. The current budget does not include an amount for property acquisition as a property needs determination, if any, will be made during the design phase.	7,934	2,551			10,485	10,485
107	ST 0089	Juanita Drive Auto 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.	5,295	1,305			6,600	6,600
108	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
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.		300			300	300
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.		800			800	800

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

TIP Map No.	CIP #	Project Name	Project Description	2017-2022 Project Funding Categories (\$000)					
				Project Funding					
				Unsecured 2017-2022 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cost
403	NM 0007	Cross Kirkland Corridor Connection - NE 52nd Street Sidewalk	Widening and minor realignment of NE 52nd Street west of Cross Kirkland Corridor; the installation of concrete retaining wall and concrete curb, gutter and sidewalk along the north side. The existing storm drainage system will be completed and improvements will be made to the street crossing at the Cross Kirkland Corridor. NE 52nd Street provides the only east/west access between 108th Avenue NE and Lake Washington Boulevard and NE 68th Street to NE 38th Street. Various developments have completed approximately 20% of the improvements, but pedestrians must use the pavement and some sections of shoulder for travel.		40	415		455	455
404	NM 0012 001	NE 116th Street Crosswalk Upgrade	Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands with community input through the City's Comprehensive Plan process. The Active Transportation Plan and Transportation Master Plan identified the need for improved pedestrian crossing in the City's pedestrian system.		430			430	430
405	NM 0012 003	132nd Avenue NE Crosswalk Upgrade	Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands with community input through the City's Comprehensive Plan process. The Active Transportation Plan and Transportation Master Plan identified the need for improved pedestrian crossings in the City's pedestrian system.		250			250	250
406	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
407	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.		800			800	800
408	NM 0086 100	NE 124th St/124th Ave NE Pedestrian Bridge Construction	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.	5,457	5,730		923	12,110	12,110
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.	1,000	2,183			3,183	3,183
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.	585	415			1,000	1,000
411	NM 0089	Lake Front Pedestrian and Bicycle Improvements	Install 32 curb ramps to meet ADA requirements; lighting improvements at 12 crosswalks; Install pedestrian flashing beacons (RRFB's) on Market Street at 4th Avenue and Central Way crossings; Add bike boxes and/or other bike related marking improvements and signage on Lake Washington Blvd and Market Street; add buffered bike lane on 98th Avenue NE from Forbes Creek to NE 116th Street.			11		11	11
412	NM 0090	Juanita Drive 'Quick Wins'	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 transportation corridor.			63	663	726	726
413	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
414	NM 0092	Active Transportation Plan Update	An update to the Active Transportation Plan to incorporate new neighborhoods and to specify detailed projects and guidelines for pedestrian and bicycle needs. Include a trail plan coordinated with plans in the Park Recreation and Open Space Plan. Builds from policy guidance set in Transportation Master Plan.		75			75	75
415	NM 0095	124th Avenue NE Sidewalk Improvements	Provides for the design and construction of XXXXXXXX 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.	500	1,080			1,580	1,580
416	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).		500			500	500
417	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

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

TIP Map No.	CIP #	Project Name	Project Description	2017-2022 Project Funding Categories (\$000)					
				Project Funding					Total Cost
				Unsecured 2017-2022 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	
418	NM 0109 001	Finn Hill Connections	Provides for the construction of trails other than the Cross Kirkland Corridor (CKC) in the Finn Hill neighborhood. 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.		250			250	250
419	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
420	NM 0110 001	Citywide Accessibility Improvements	An Opportunity Fund for implementation of a wide range accessibility improvements, as developed by the Accessibility Transition Plan.		500			500	500
421	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.		750			750	750
422	NM 0113 001	Citywide Greenways Network Project-NE 75th Street	This project provides for the design and construction of a greenway network in the area of NE 75th Street. 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			250	250
423	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.	450	350			800	800
424	NM 0115	CKC Emergent Projects Opportunity Fund	An Opportunity Fund for implementation of a wide range of Cross Kirkland Corridor (CKC) access improvements.		200			200	200
425	NM 0118	NE 128th Street/139th Avenue NE Non-motorized Improvements	Construction of approximately 1100 linear feet of 5 foot wide sidewalk including curb and gutter, 5 foot bike lanes on uphill side of street along with 400 linear feet of 12" PVC storm pipe and associated catch basins to extend the existing drainage system. The project will also include enhanced street/pedestrian lighting, private driveway adjustments, signage, and landscape restoration. The project likely impacts wetland and stream buffer areas - impacts to be determined after study.		800			800	800
426	NM 0119	Downtown Pedestrian Access Study	A study to improve pedestrian safety and access, while potentially reducing delay for transit and motorized vehicles. The Study would include evaluating pedestrian crossings on Lake Street, Central Way and Kirkland Avenue. It would also study the signalized intersections at Central Way and Lake Street, and at Kirkland Avenue and Lake Street. The study would evaluate existing conditions and recommend a set of improvements. It would also include community involvement. Possible outcomes could include but are not limited to traffic signal upgrades, signal phasing modifications, mid-block crossing signalization/relocation, and access management.		50			50	50
427	NM 0120	108th Avenue NE Sidewalk Improvements at Edith Moulton Park	Construct approximately 450 feet of new concrete sidewalk together with new asphalt parking stalls on the east side of 108th Ave NE, immediately adjacent to Edith Moulton Park. This construction will transform an existing path and gravel parking area into fully ADA accessible improvements for Park users and for connecting the Park with Helen Keller Elementary School.		600			600	600
428	NM 7777	Annual Non-Motorized CAO/SWDM Surface Water Contribution	This project provides for the additional design and construction costs for City right-of-way capital projects to comply with the requirement changes of the 2016 City updates to Critical Areas Ordinance Codes (KMC Chapters 83, 85, and 90) and the 2016 City adoption of the April 24, 2016 King County, Washington Surface Water Design Manual.		1,600			1,600	1,600
300	PT 0001	Citywide Transit Study	A study that builds on the foundations of the Transportation Master Plan and identifies specific service and facility projects that support transit.		300			300	300

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

TIP Map No.	CIP #	Project Name	Project Description	2017-2022 Project Funding Categories (\$000)					
				Project Funding					Total Cost
				Unsecured 2017-2022 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	
200	TR 0079 001	NE 85th St/114th Ave Intersection Improvements Phase II	The required modifications to this intersection include signal and lane changes for providing extended storage on the east bound right-turn lane together with a new north-bound to east-bound right-turn lane. Signal pole, signal head and striping changes are needed to provide for making the east-bound right turn lane into a thru-right and for creating a dual north-bound to east bound right-turn lane. The changes will require close coordination with the Washington State Department of Transportation (WSDOT) and may result in a state requirement to modify the high-occupancy vehicle (HOV) access to south-bound I-405. The Project will evaluate and address, as needed, ADA upgrades and will include all appropriate Surface Water upgrades. Right-of-way acquisition is not anticipated and a budget for it has been established at this time; however, it will be evaluated further during the design phase.		1,800			1,800	1,800
201	TR 0082	Central Way/Park Place Center Traffic Signal	Install traffic signal to minimize traffic conflict, improve safety and traffic operation. In addition to these vehicular improvements, existing unsignaled crosswalks at 5th Street and 4th Street 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 State Environmental Policy Act (SEPA) mitigation. Project is subject to anticipated funding through development activities and related revenues.		200			200	200
202	TR 0091 101	NE 124th St/124th Ave NE Intersection Improvements - Design	The design phase for the widening of the north (southbound) leg to allow second left-turn lane, extend right-turn-only lane to become a through-right adjacent to the CKC triangle. The project includes surface water improvements and working within sensitive areas near Totem Lake Park.		54		345	399	399
205	TR 0092	NE 116th St/124th Ave NE N-bound Dual Left Turn Lanes	This project will reconstruct the south leg (124th Ave NE) of the intersection to allow for two northbound left-turn lanes from 124th Ave NE to NE 116th Street. It will require signal modifications and lane reconfigurations on the northbound (south) leg and the northbound (north) receiving leg. The project is due to high accident counts and for projected traffic volume increases at this intersection.		435	790		1,225	1,225
206	TR 0098	NE 132nd St/ 116th Way NE (I-405) Intersect'n Imp	Coordination of City right-of-way and intersection improvements in association with the Washington State Department of Transportation (WSDOT) Half-Diamond Interchange at NE 132nd Street and I-405, between 116th Way NE and Totem Lake Blvd, as recommended in the NE 132nd Street Master Plan. Project is subject to anticipated funding through development activities and related revenues.		300			300	300
207	TR 0100 100	6th Street & Central Way Intersection Improvements Phase 2	Install multiple upgrades to the existing signalized intersection. Phase I was completed in 2011, and resulted in signal improvements, water main upgrade, concrete roadway, pedestrian and bicycle lane improvements, and illumination at the intersection of 6th Street and Central Way. Phase II will result in a new signature "Gateway" to the Central Downtown area of Kirkland, and frontage improvements on 6th Street, additional travel lanes, a bicycle lane, and pedestrian improvements. This project will complement TR 0104 (6th Street & 4th Avenue Intersection Improvements).		1,866			1,866	1,866
208	TR 0103	Central Way/4th Street Intersection Improvements	Extend two-way-left turn by moving crosswalk to Parkplace Signal. It is anticipated that the design and construction timing is concurrent with the development of Park Place, which will be required to install the intersection improvements as part of State Environmental Policy Act (SEPA) mitigation.		31			31	31
209	TR 0104	6th Street/4th Ave Intersection Improvements	Dual eastbound left turn, with widening on 6th Street. 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 State Environmental Policy Act (SEPA) mitigation.		580			580	580
210	TR 0105	Central Way/5th Street Intersection Improvements	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 Park Place Mall.		564			564	564
211	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	1,100
212	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
213	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
214	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
215	TR 0118	General Parking Lot Improvements	An opportunity fund for parking improvements such as added capacity, improved wayfinding, improved technology or other improvements as may be needed to improve parking.		100			100	100

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

TIP Map No.	CIP #	Project Name	Project Description	2017-2022 Project Funding Categories (\$000)					
				Project Funding					Total Cost
				Unsecured 2017-2022 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	
216	TR 0119	Kirkland Citywide Intelligent Transportation System Study	A study to revise the current Intelligent Transportation System (ITS) plan and to develop a direction for the ITS program based on the principles in the Transportation Master Plan.		75			75	75
217	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.	1,714	486			2,200	2,200
218	TR 0122	Totem Lake Intersection Improvements	Signalized intersection improvements at select Totem Lake area locations in support of Totem Lake Mall Redevelopment.	832	2,199			3,031	3,031
220	TR 0127	NE 132nd Street Roundabout	The construction of a three-legged roundabout at the intersection of NE 132nd Street and 136th Avenue NE in support of redevelopment in the Totem Lake Neighborhood.		320			320	320
221	TR 7777	Annual Traffic CAO/SWDM Surface Water Contribution	This project provides for the additional design and construction costs for City right-of-way capital projects to comply with the requirement changes of the 2016 City updates to Critical Areas Ordinance Codes (KMC Chapters 83, 85, and 90) and the 2016 City adoption of the April 24, 2016 King County, Washington Surface Water Design Manual.		500			500	500
TOTALS:				23,767	64,053	1,279	3,149	92,248	92,248

* 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 2017-2022 Transportation Element of the Capital Facilities Plan

110	ST 0059 102	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.	2,051					2,051
111	ST 0059 103	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.	6,754					6,754
115	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
117	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
119	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.	1,348					1,348
120	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.	316					316
121	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.	1,119					1,119
122	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
301	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
302	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
203	TR 0091 102	NE 124th St/124th Ave NE Intersection Improvements - ROW	Widen north (southbound) leg to allow second left-turn lane, extend right-turn-only lane to become a through-right adjacent to the CKC triangle. The project includes surface water improvements and working within sensitive areas near Totem Lake Park.	55					55

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

TIP Map No.	CIP #	Project Name	Project Description	2017-2022 Project Funding Categories (\$000)					
				Project Funding					Total Cost
				Unsecured 2017-2022 Funding	Local Funding	State Funding	Federal Funding	Total Funding	
204	TR 0091 103	NE 124th St/124th Ave NE Intersection Improvements - Const	Widen north (southbound) leg to allow second left-turn lane, extend right-turn-only lane to become a through-right adjacent to the CKC triangle. The project includes surface water improvements and working within sensitive areas near Totem Lake Park.	1144					1,144
223	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.	916					916
224	TR 0094	NE 132nd St/108th Avenue NE Intersect'n Imp	Construct a 250 foot westbound right turn lane to allow this intersection to maintain a vehicular level of service.	618					618
225	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.	366					366
226	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.	5,713					5,713
227	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.	889					889
219	TR 0125	ITS 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
431	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
463	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
465	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
474	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
475	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
476	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
477	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
432	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
435	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 Norkirk Area Plan include reference to a desired link to parks and the barrier presented by Cross Kirkland Corridor.	2,505					2,505

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

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460	NM 0080	Juanita-Kingsgate Pedestrian Bridge 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
461	NM 0081	CKC to Redmond Central Corridor Regional 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.	1,500					1,500
472	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
473	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
TOTALS				90,122	64,053	1,279	3,149	92,248	182,370
Unfunded Transportation Improvement Plan/External Funding Candidates									
109	ST 0056	132nd Avenue NE Roadway Improvements	Street Improvement	25,170					25,170
112	ST 0060	118th Avenue NE Roadway Extension	Street Improvement	6,440					6,440
113	ST 0061	119th Avenue NE Roadway Extension	Street Improvement	5,640					5,640
114	ST 0062	NE 130th Street Roadway Improvements	Street Improvement	10,000					10,000
116	ST 0064	124th Avenue NE Roadway Improvements	Street Improvement	30,349					30,349
118	ST 0073	120th Avenue NE Roadway Extension	Street Improvement	16,392					16,392
123	ST 0086	Finn Hill Emergency Vehicle Access Connection	Street Improvement	900					900
434	NM 0030	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	Sidewalk Improvement	3,741					3,741
436	NM 0032	93rd Avenue Sidewalk	Sidewalk Improvement	1,048					1,048
439	NM 0043	NE 126th St Nonmotorized Facilities	Sidewalk Improvement	4,277					4,277
440	NM 0046	18th Avenue SW Sidewalk	Sidewalk Improvement	2,255					2,255
444	NM 0050	NE 80th Street Sidewalk	Sidewalk Improvement	860					860
445	NM 0054	13th Avenue Sidewalk	Sidewalk Improvement	447					447
446	NM 0055	122nd Ave NE Sidewalk	Sidewalk Improvement	867					867
448	NM 0058	111th Ave Non-Motorized/Emerg. Access Connection	Pathway	2,000					2,000
450	NM 0062	19th Avenue Sidewalk	Sidewalk Improvement	814					814
454	NM 0074	90th Ave NE Sidewalk	Sidewalk Improvement	353					353
462	NM 0086	Cross Kirkland Corridor Non-motorized Improvements	Corridor Non-motorized Improvements	65,742					65,742
222	TR 0067	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	Traffic Improvement	6,917					6,917
228	TR 0114	Slater Avenue NE Traffic Calming - Phase I	Traffic Improvement	247					247
229	TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	Traffic Improvement	2,124					2,124
230	TR 0124	116th Avenue NE/NE 124th Street Intersection Imps	Traffic Improvement	1,081					1,081
TOTALS				187,664					187,664
Potential Non-Motorized Projects Under Placeholders, Not Included in Totals									
NM 8888 100 On-Street Bicycle Network Candidate Projects:									
429	NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	Bicycle Improvement	3,378					3,378
437	NM 0036	NE 100th Street Bike lane	Bicycle Improvement	1,644					1,644
NM 9999 100 Sidewalk Completion Program Candidate Projects:									
433	NM 0026	NE 90th Street Sidewalk (Phase II)	Sidewalk Improvement	706					706
438	NM 0037	130th Avenue NE Sidewalk	Sidewalk Improvement	834					834
447	NM 0045	NE 95th Street Sidewalk (Highlands)	Sidewalk Improvement	572					572

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

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				Project Funding					
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441	NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	Sidewalk Improvement	840					840
442	NM 0048	NE 60th Street Sidewalk	Sidewalk Improvement	500					500
443	NM 0049	112th Ave NE Sidewalk	Sidewalk Improvement	528					528
449	NM 0061	NE 104th Street Sidewalk	Sidewalk Improvement	1,085					1,085
451	NM 0063	Kirkland Way Sidewalk	Sidewalk Improvement	414					414
452	NM 0071	NE 132nd Street Sidewalk Improvement	Sidewalk Improvement	363					363
453	NM 0072	NE 132nd Street Sidewalk at Finn Hill Middle School	Sidewalk Improvement	840					840
455	NM 0075	84th Ave NE Sidewalk	Sidewalk Improvement	4,053					4,053
456	NM 0076	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan, Phase 1	Sidewalk Improvement	1,131					1,131
457	NM 0077	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	Sidewalk Improvement	1,185					1,185
458	NM 0078	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	Sidewalk Improvement	747					747
459	NM 0079	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan, Phase 2	Sidewalk Improvement	648					648
464	NM 0088	NE 124th Street Sidewalk	Sidewalk Improvement	376					376
466	NM 0097	132nd NE Sidewalk	Sidewalk Improvement	732					732
467	NM 0101	7th Avenue Sidewalk	Sidewalk Improvement	208					208
468	NM 0102	NE 120th Street Sidewalk	Sidewalk Improvement	548					548
469	NM 0103	120th Avenue NE Sidewalk	Sidewalk Improvement	556					556
470	NM 0104	NE 122nd Place/NE 123rd Street Sidewalk	Sidewalk Improvement	1,294					1,294
471	NM 0105	120th Avenue NE Sidewalk	Sidewalk Improvement	812					812
TOTALS				23,994					23,994