## **RESOLUTION R-5536**

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WHEREAS, on May 3, 2022, the City Council conducted a public hearing and took public comment on the proposed 2021-2026 Transportation Improvement Program; and

WHEREAS, the City Council finds the proposed 2021-2026 Transportation Improvement Program is consistent with the Transportation Element of the City of Kirkland Comprehensive Plan; and

WHEREAS, with respect to the provisions of RCW 35.77.010(2), the City Council finds that the proposed 2021-2026 Transportation Improvement Program identifies non-motorized projects for sidewalk and school walk route enhancements, and improvements to the Cross Kirkland Corridor.

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

<u>Section 1</u>. The City of Kirkland 2021-2026 Transportation Improvement Program is adopted as set forth in Exhibits A and Exhibit B which are incorporated by reference.

<u>Section 2</u>. Copies of this Resolution and the 2021-2026 Transportation Improvement Program, as set forth in Exhibits A and Exhibit B, shall be filed with the Secretary of the Washington State Department of Transportation as required by RCW 35.77.010.

Passed by majority vote of the Kirkland City Council in open meeting this 03 day of May, 2022.

Signed in authentication thereof this 03 day of May, 2022.

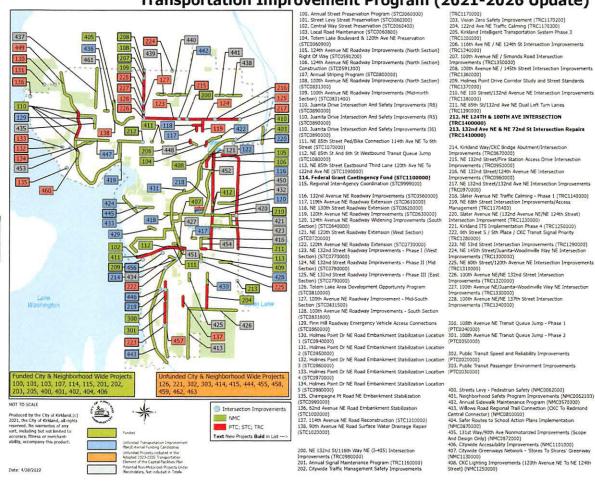
Penny Sweet, Mayor

Attest:

Improvement Program; and

Kathi-Anderson, City Clerk

# Transportation Improvement Program (2021-2026 Update)



212. NE 124TH & 100TH AVE INTERSECTION

108th Avenue NE Transit Queue Jump - Phase 1

409. School & Transit Connector Sidewalk On 120th Avenue NE

(NMC126000) 410. OK/Eastral Crossing Study At 132Nd Avenue NE [Study Only] (NMC1280000) 411. Pedestrian Safety Improvements (Downtown & NE 124th St)

(NMC1290000) 412. 124th Ave NE Sidewalk Completion (NMC1300000)

413, 116th Avenue NE (South Section) Non-motorized Facilities — Phase II (NMC0310000)
414. Crasswalk Upprade Program (NMC0129900)
415. Cross Kirkland Corridor Opportunity Fund (NMC0241200)
415. El Ost Street Siderale (Phase II) (NMC0350000)
417. NE 90th Street/I-405 Pedestran/bicyde Overpass (NMC0300000)

416. NE 90th Street Sidewalk (Phase II) (AMCD350000)
417. NE 90th Street Fidewalk (Phase II) (AMCD350000)
418. Crestwoods Park/CXC Corndor Ped/pike Facility
(AMCD310000)
418. Crestwoods Park/CXC Corndor Ped/pike Facility
(AMCD310000)
420. NE Sidewalk (AMCD310000)
421. 130th Avenue NE Sidewalk (AMCD310000)
421. 130th Avenue NE Sidewalk (MACD310000)
422. NE 126th Street Nahmodrotzer Facilities (AMCD430000)
423. NE 95th Street Sidewalk (MaCD430000)
424. 1810 Avenue SV Sidewalk (NahCM400000)
425. 116th Avenue NE Sidewalk (CACH400000)
427. 112th Avenue NE Sidewalk (CACH400000)
428. NE 96th Street Sidewalk (MACD490000)
429. 13th Avenue Sidewalk (MACD490000)
429. 13th Avenue Sidewalk (MACD590000)
429. 13th Avenue Sidewalk (MACD590000)
429. 13th Avenue RE Sidewalk (MACD590000)
421. 11th Avenue NE Sidewalk (MACD590000)
421. 11th Avenue NE Sidewalk (MACD590000)
421. 11th Avenue NE Sidewalk (MACD590000)

(NMC058000D) 432, NE 104th Street Sidewalk (School Walk Routes) (NMC061000D)

438. NE. 15th Street Sidevalks At Mur Elementary - Phase I (MM27/6000) 439. NE. 16th Street - Keller Elementary Walk Route Enhancement - North Side (NMC770000) 440. NE. 140th Street - Keller Elementary Walk Route Enhancement - South Side (NMC780000) 441. NE. 147th Street Sidevalks At Muir Elementary - Phase 2 (NMC7900000)

142, Juanita-Kingsgate Pedestrian Bridge At I-405 (NMC0800000) 143, Cross Kirkland Corridor (CKC) Non-motorized Improvements

(NMCD86000)
444. CKC Roadway Crossings (NMCD853000)
445. (DR Nw NE/4th St Sidewalks And Crossing Of Market Street
(NMCD87xx)
446. Reflective Flashing Beacon At 106th Ave NE Crossing NE

(INNC037xs)
440. Reflective Flashing Beacon At 106th Ave NE Crossing NE
68th St (INNC037xs)
68th St (INNC03801000)
69th Janata Drive Bicycle 8. Pedestrian Improvements
68th St (INNC0391100)
69th Ji2nd Avenue NE Sidewalk (INNC0391000)
69th Ji2nd Avenue NE Sidewalk (INNC0310000)
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462. On-street Bicycle Network (NMC8888100) 463. Sidewalk Completion Program (NMC9999100) bold?

	Projects lis	ted in the 2021-2026 Update TIP are divided into categories Projects included in the Adopted 2021-2026 Capital investment	represented by the following colors.					Exhibit B	
		Projects included in the Adopted 2021-2026 Capital Investment Unfunded Projects included in the Adopted 2023-2035 Transport						Exhibit B	
		Unfunded Transportation Improvement Plan/External Funding C							
		Potential Non-Motorized Projects Under Placeholders; Not Inclu							
-03									
				-		D		1	
_				20	21-2026 Update	Project I	nding Catego Funding	nes (\$000)	
	V V					, roject	Unumg		
<sup>2</sup> Map				Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
No.	CIP#	Project Name	Project Description	-					
		Projects Include	led in the Adopted 2021-2026 Capital Investment Program (CIP) Plan - Full or Partial Fu	inding Secure				-	-
100	ST 0006	Annual Street Preservation Program	Preservation of roadway system with various techniques including overlay, slury seal, crack seal and others. The Public Works Operatment 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 failur. Project includes repair and resurrang of streets and repair and resurrang of streets and repair and resurranged streets and resurrange		9,450			9,450	9,4
01	ST 0006 003	Street Levy Street Preservation4	A voter-approved levy funded annual project to enhance preservation of roadway system as part of an overall preservation program. Project includes repair and resultating of stretteds and repair and replacement of adjorning 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.		14,179		κ	14,179	14,1
02	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 Steet Preservation design-only grant. City grant match funds are available through the Annual Street Preservation Program for 2016. Overlay of the project will occur though a future the Street Preservation Program timed in coordination with adjacent major redevelopment activity.		2,025			2,025	2,0
03	ST 0006 008	Local Road Maintenece	Provide funding for City crews to do prep work on streets prior to the overlay completed through the annual preservation CIP projects. The City will ensure that provisions of RCW 35.22.620 regarding thresholds for public work done by city employees will be followed as part of this project.		300			300	3
04	ST 00609	Totem Lake Blvd & 120th Ave NE Preservation	The Northshore Utility District (NUD) has a project in the vicinity that will excavate the road where their utilities reside and will remove cut and payement. The restoration requirement is for a half-street overlay. As such, the City has an opportunity to partner with NUD to provide full street overlay and install additional amenties such as sidewalks. The full restoration scope including sidewalks has an estimated project cost to the City of \$555,000. If Council should choose to exclude the sidewalk portion of the project, the City's cost would be reduced by \$250,000 for an estimated total project cost of \$355,000. The CIP as presented with this memo includes the project at the full scope and cost of \$555,000 but can be reduced for the final CIP should Council choose the lower scope policy.		1,080			1,080	1,0
05	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 118h Street and NE 124h Street from 3 lares to 5 lanes, include 2-way center furn lane and improve pedestriar crossing(s). This project will reconstruct existing sidewalk, transit stops and bicycle lanes which will be impacted by roadway widening.		500		802	1,302	1,3
06	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 certer turn lane and improve pedestrian crossing(s). This project will reconstruct existing side-		5,978		3,892	9,870	9,8
07	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 restipring of more than 40 miles of collector and atterfal streets throughout the City.		3,000			3,000	3,0
18	ST 08313	100th Avenue NE Roadway Improvements (North Section)	Roadway improvements along 100th Ave NE to address the current S-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of flour 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 furn lane where appropriate, sidewalls, cut hard gutter, illumination improvements and storm drainage system upgrades.		1,639			1,639	1,6
9	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 flow segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicy cle lanes, a center turn lane where appropriate, sidewalks, cut hard gutter, illumination improvements and storm drainage system upgrades.		2,713			2,713	2,7
10	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.		5,448			5,448	5,4

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

				20	21-2026 Updat	e Project Fur Project f		ries (\$000)	
IP Map	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
111	ST 107	NE 85th Street Ped/Bike Connection 114th Ave NE to 6th St	Construct 12' ped/bike connection along the south side of NE 85th St. Related to Sound Transit projects				6,900	6,900	6,9
112	ST 108	NE 85th St and 6th St Westbound Transit Queue Jump	in the area and funded by Sound Transit.  Mairtenance center surface water upgrades to remain in compliance with the City's National Pollutant Discharge Elimination System (NPDES) permit including: covered storage area for decart materials, covered storage for street patiching materials, covered storage for other material to prevent entry into the surface water drainage system.				1,300	1,300	
113	ST 109	NE 85th Street Eastbound Third Lake 120th Ave NE to 122nd Ave	Match BRT lane rechannelization by WSDOT west of 120th Ave NE by restriping within current street width and signal modifications. Related to Sound Transit projects in the area, funded by Sound Transit.				2,700	2,700	2,7
114	ST 110	Major Project Contingency Fund	Contingency for transportation projects with significant federal grants.	3	3,000			3,000	3,0
115	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.		410			410	4
200	TR 098	NE 132nd St/116th Way NE Intersection Improvement	Coordination of City right-of-way and intersection improvements in association with the Washington State Department of Transportation (WSDOT) Hall-Diamond Interchange at NE 132nd Street and 1405, between 116th Way NE and Totem Lake Blvd, as recommended in the NE 132nd Street Master Plan.				202	202	20
201	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 cabnets and service connections to components in cabnets. Also includes RRTBs (pedestrian fashing beacons), school fisheres, and radars speed signs.		600			600	60
202	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.		200			200	20
203	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.		250			250	25
204	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.		285			285	28
205	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 It and after completion of a revised ITS study.	1,706	704			2,410	2,4
206	TR 12400	116th Avenue NE/NE 124th Street Intersection Imps	Project improves vehicular level of service at the signalized intersection. Construct southbound right turn laine approximately 200 feet long on 116th Avenue NE at NE 1245. 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.		983		833	1,816	1,81
207	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 Avene NR Facadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.		611			611	61
208	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 Averue NR Enadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.		603			603	60
209	TR 13700	Kirkland Ave / Lake St Intersection	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-furul nane 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 fall electronics.		743			743	74
210	TR 13800	NE 100th St/ 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 lares for all approaches.	1,279	1,279			2,558	2,55
211	TR 139	NE 85th St/132nd Ave NE Dual Left Turn Lanes	Significant southbound traffic queues develop at the intersection of NE 85th St and 132nd Ave NE delaying vehicles and transit, particularly in the AM peak. This also affects the overall operation of the intersection. The project would wide the street to the west to add a second southbound left turn larms would be done primarily utilizing right of way and an essement provided by development, but some stocking the produced the street of the street would also relocate the partial post and street per street provided by development, but some stocking and the street provided by development, but some stocking and the street provided by development, but some stocking and the street provided by development, but some street provided by the street provided by development, but some street provided by the		1.876			1,876	1,87

				20	21-2026 Updat	e Project Fur Project F		ries (\$000)	
IP Map No.	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
212	TR 14000	NE 124TH & 100TH AVE INTERSECTION	This project is an opportunity fund to reduce delays and improve transportation system reliability. Elements include signal improvements, channelization, new signs, replacement of video detection, and relocation of a bus shelter.		10	125		135	13
213	TR 14100	132nd Ave NE & NE 72nd St Intersection Repairs	Signal maintenance to replace or repair a signal pole hit by a vehicle.		250			250	2
400	NM 0006 200	Street Levy-Pedestrian Safety	An opportunity fund of Levy revenue used for pedestrian safety amenties City-wide. This project provides for the construction and re-construction of crosswalks, crosswalk sighting, flashing beacons and other features to enhance the pedestrian experience consistent with the goals and objectives of the Transportation Master Plan.		900			900	90
401	NM 00621	Neighborhood Safety Program Improvements	The Program under City Councit's Walkable Kirkland Initiative for completing a number of neighborhood projects citywide under \$50,000. Project categories include: Bicycle Facilities, Crosswalk, Intersection limprovements, Traffic Caliming, Walkway/Sidewalk and Trails, and Street Lights. Program improvements are restricted to City property including streets, parks, community facilities, and the Cross Kirkland Corridor.		250			250	25
402	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.		600			600	60
403	NM 08100	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 Corticol to the Redmond Gentral Connector. Project funding may include regional partnerships with the State, City of Redmond, King Gounty and/or others.		161			161	16
404	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 streats. Project is expected to be completed as grant funding becomes available on a project by project basis. Saff is currently working with the Lake Washington School District to develop an updated list of walk routes.		3,249			3,249	3,24
405	NM 08720	NE 131st Way/ 90th Ave NE Nonmotorized Improvements	The existing concrete curb is degrading and no longer functions as intended. The broken curb also presents a hazard for pedestrians, bikes, and cars along the corridor. This project is for the design and construction of nonmotorated improvements including replacing the extruded curb along the road shoulder with new curb, reinstalling guardrail posts in areas where the support posts have eroded, assessing speeds along the corridor, modifying pawement markings as needed, and the installation of street lights at intersections. This corridor is a key route that leads to school and Metro bus stops and also connects the Firin hill relightonhood to the 100th Avenue NE business district, Juanta Village, parks, and schools. The goal of this project is to improve safety for people wasking, biking, and driving.		954			954	95
449	NM 0910	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.		652			652	65
406	NM 0110 001	Citywide Accessibility Improvements	An Opportunity Fund for implementation of a wide range accessibility improvements, as developed by the Accessibility Transition Plan.		300			300	30
407	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, slands, become, improvements to or new traffic signish), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor properly acquisition. Greenways should be constructed on the most current approved network may and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.		800		1,600	2,400	2,40
408	NM 12500	CKC Lighting 120th Ave NE to NE 124th St	Install lighting along CKC; pending external funding per Lorrie coordination with Rod, saved for future update		336	594		930	93
409	NM 12600	School & Transit Connector Sidewalk on 120th Avenue NE	Improvements to the sidewalks on east side of 120th Ave NE between NE 84th Ln and NE 80th St north of Lake Washignton High School. Will improve approximately 1000 LF of sidewalk		20	120		140	14
410	NM 12800	CKC/Eastrail Crossing Study at 132nd Ave NE	Voter approved King County levy funded project to study the Cross Kirkland Cornidor/Eastrail Crossing of 132nd Ave NE. Project will study the feasibility of an at-grade and a grade separated trail crossing at this location.		100			100	10
411	NM 12900	Pedestrian Safety Improvements (Downtown & NE 124th St)	Pedestrian safety improvements along Central Way in the downtown area and along NE 124th Street in		51		1,614	1,665	1,66
412	NM 13000	124thAve NE Sidewalk Completion	the Juanita neighborhood.  Installs sidewalk sections to make a continuous sidewalk segment between NE 100th St and NE 116th St.		280			280	
300	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-10-way is included.	3,375	250		1,250	4,875	4,87
301	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 56th Street and NE 60th Street. A new traffic signal is included at NE 60th Street as is the acquisition of new right-of-way.	4,140	250		1,250	5,640	5,64
	100			2.985	66.489	839	19,843	100,951	100.95

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

				2021-2026 Update Project Funding Categories (\$000)  Project Funding							
						Project	Funding		-		
IP Map No.	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co		
		Other funding includes secured revenue from federal and state grants.									
-											
		Unfu	nded Projects included in the 2021-2026 Transportation Element of the Capital Facilities	Plan							
119	ST 0063	120th Avenue NE Roadway Improvements (north)	Widen 120th Avenue to a 3-lane cross section between north of the Totem Lake Mail 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, cuth, gutter, sidewalk and bicycle lanes. Three signalized intersections will be reconstructed. Project length is approximately 1,650 feet.	4,500					4,5		
121	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 Stater 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. The 124th Ave NE. The Cross Avenue NE, extra slag met entire alignment. Revised to include Signal from CKC to 116th Ave NE.	15,781					15,70		
123	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 1-405 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					1,73		
124	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					40		
125	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 pe	1,444					1,4		
126	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					5		
127	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 uttimate project wil, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewallsk, cut and gutter, illumination improvements and storm drainage system upgrades.	5,530					5,5		
128	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 flour 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, sidewalls, cut and gutter, illumination improvements and storm drainage system upgrades.	3,619					3,6		
130	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					24		
131	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	412					4		
132	ST 09600	Holmes Point Dr NE Road Embankment Stabilization Location 3	control needed to eliminate animal burrows in the hillside.  Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or	503					50		
133	ST 09700	Holmes Point Dr NE Road Embankment Stabilization Location 4	control is needed to eliminate animal burrows in the hillside.  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					55		
134	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					23		
135	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	= 1				56		
136	ST 10000	62nd Ave NE Road Embankment Stabilization	Construction of soldier pile and lagging wall and embankment regrading to protect and preserve roadway	823					82		
137	ST 10100	114th Ave NE Road Reconstruction	integrity.  Excavation of existing unsuitable embankments fill and replacement with imported material. Replacing unlities along the project alignment (1,000t), Construction of approximately 150t of french drain to the least side of roat.	1,900					1,90		
138	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					42		

				20	21-2026 Upda		nding Catego	ries (\$000)	
-						Project	Funding		-
Мар		2 (2. 25 PM)		Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
Va.	CIP#	Project Name	Project Description			_			+
215	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 heliping the corridor with capacity issues in articipation of the Washington State Department of Transportation (WSDOT) Half-Diamond interchange at I-405 and NE 132nd Street and Totem Lake redevelopment.	480					48
216	TR 0096	NE 132nd St/124h 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 it southbound interuping 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			Obs		7.40
217	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					1,15
221	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					2,62
222	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					2,60
223	TR 0129	NE 53rd Street Intersection Improvements	A new traffic signal on 108th Avenue NE at NE 53rd Street with the d Design and development with engineering consideration of the complicated offset alignment of NE 53rd and NE 53rd Streets, including an adjacent protected crosswalk and nearby transit stops serving Northwest University, Emerson High School, and the neighborhood.	4,345					4,34
224	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					2,10
225	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					1.70
226	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					1,64
227	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 NR Foodway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.	2,161		2			2,16
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 NR Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.	1,475					1,47
	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					1,74
302	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 1000).	500					50
303	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
114	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					4,10
115	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
144	NM 0086-003	CKC Roadway Crossings	Crossings of CKC at various roadways that are not funded elsewhere (i.e., NM 0086 100).	3,370					3.37

				20	21-2026 Upda		nding Catego Funding	ries (\$000)	
-						Project	runaing		
P Map	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
	Oir E	rioject rame							
449	NM 0090-100	Juanita Drive Bicycle and Pedestrian Improvements	The completion of remaining pedestrian and bicycle elements identified in the Juanta 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					10,65
457	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 associatefatific 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					84
58	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 caliming, 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 Plant.	4,450					4,45
159	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					1,12
62	NM 88881	On-Street Bicycle Network	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.	3,280			3		3,28
163	NM 99991	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 0036, NM 0037, NM 0045, NM 0047, NM 0048, NM 0049, NM 0051, NM 0053, NM 0071, NM 0072, NM 0075, NM 0078, NM 0077, NM 0078, NM 0075, NM 007	6,097					6,09
			TOTALS	104,004	0	0	0		104,00
			Unfunded Transportation Improvement Plan/External Funding Candidates						
16	ST 0056	132nd Avenue NE Roadway Improvements	Street Improvement	25,170		Y - I			25,17
17	ST 0061	119th Avenue NE Roadway Extension	Street Improvement	5,640					5,64
18	ST 0062	NE 130th Street Roadway Improvements	Street Improvement	10,000					10,00
20	ST 0064	124th Avenue NE Roadway Improvements	Street Improvement	30,349					30,34
22	ST 0073	120th Avenue NE Roadway Extension	Street Improvement	16,392					16,39
29	ST 0086	Finn Hill Emergency Vehicle Access Connection	Street Improvement	900					90
14	TR 0067	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	Traffic Improvement	6,917					6,91
18	TR 0114	Slater Avenue NE Traffic Calming - Phase I	Traffic Improvement	247					24
19		NE 68th St Intersection Imps/Access Management	Traffic Improvement	4,375					4,37
20	TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	Traffic Improvement	2,124					2,12
7	NM 0030	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	Sidewalk improvement	3,741					3,74
8	NM 0031	Crestwoods Park/CKC Corridor Ped/Bike Facility	Construct concrete pedestrian and bicycle path, stairs, and overpass between Crestwoods Park and the	2,505					2,50
9		93rd Avenue Sidewalk	Sidewalk Improvement	1,048					1,04
2	NM 0043	NE 126th St Nonmotorized Facilities	Sidewalk improvement	4,277					4,27
4	NM 0046	18th Avenue SW Sidewalk	Sidewalk Improvement	2,255					2,25
18	NM 0050	NE 80th Street Sidewalk	Sidewalk Improvement	860					86
29	NM 0054	13th Avenue Sidewalk	Sidewalk Improvement	447					44
30	NM 0055	122nd Ave NE Sidewalk	Sidewalk Improvement	867					86
31	NM 0058	111th Ave Non-Motorized/Emerg, Access Connection	Pathway	2,000					2,00
33	NM 0062	19th Avenue Sidewalk	Sidewalk Improvement	814					81
36	NM 0074	90th Ave NE Sidewalk	Sidewalk Improvement	353					35

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

				20	2021-2026 Update Project Funding Categories (\$000)					
						Project	Funding			
TIP Map	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cos	
442	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 pop-motorized connection across I-405 and infrastructure improvements to provide a	4,500					4,500	
443	NM 0086	Cross Kirkland Corridor Non-motorized Improvements	Corridor Non-motorized Improvements	65.742					65,742	
445	NM 0087xx	19th Ave NE/4th St Sidewalks and Crossing of Market Street	Traffic Improvement	2.443					2,443	
446	NM 0087xx	Reflective Flashing Beacon at 106th Ave NE Crossing NE 68th St	Sidewalk Improvement	134					134	
447	NM 0087xx	NE 124th Street Sidewalk	Sidewalk Improvement	462					462	
455	NM 0106	Citywide CKC Connections	Pathway	360					360	
456	NM 0107	CKC to Downtown Surface Connection	Traffic Improvement	2,000					2,000	
			TOTALS:	196,922					196,922	
462	NM 8888 100	On-Street Bicycle Network Candidate Projects:	Potential Non-Motorized Projects Under Placeholders; Not Included in Totals							
413	NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	Bicycle Improvement	3,378				-	3,378	
420	NM 0036	NE 100th Street Bike lane	Bicycle Improvement	1,644					1,644	
463	NM 9999 100	Sidewalk Completion Program Candidate Projects:			in the					
416	NM 0026	NE 90th Street Sidewalk (Phase II)	Sidewalk Improvement	706					706	
421	NM 0037	130th Avenue NE Sidewalk	Sidewalk Improvement	834					834	
423	NM 0045	NE 95th Street Sidewalk (Highlands)	Sidewalk Improvement	572					572	
425	NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	Sidewalk Improvement	840					840	
426	NM 0048	NE 60th Street Sidewalk	Sidewalk Improvement	500					500	
427	NM 0049	112th Ave NE Sidewalk	Sidewalk Improvement	528					528	
432	NM 0061	NE 104th Street Sidewalk	Sidewalk Improvement	1,085					1,085	
434	NM 0063	Kirkland Way Sidewalk	Sidewalk Improvement	414					414	
435	NM 0072	NE 132nd Street Sidewalk at Finn Hill Middle School	Sidewalk Improvement	840			2010		840	
437	NM 0075	84th Ave NE Sidewalk	Sidewalk Improvement	4,053					4,053	
438	NM 0076	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	Sidewalk Improvement	1,131					1,131	
439	NM 0077	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan N	Sidewalk Improvement	1,185					1,185	
440	NM 0078	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan S	Sidewalk Improvement	747					747	
441	NM 0079	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	Sidewalk Improvement	648					648	
448	NM 0088	NE 124th Street Sidewalk	Sidewalk Improvement	376					376	
450	NM 0097	132nd NE Sidewalk	Sidewalk Improvement	732					732	
451	NM 0101	7th Avenue Sidewalk	Sidewalk Improvement	208					208	
452	NM 0103	120th Avenue NE Sidewalk	Sidewalk Improvement	556					556	
453	NM 0104	NE 122nd Place/NE 123rd Street Sidewalk	Sidewalk Improvement	1,294					1,294	
454	NM 0105	120th Avenue NE Sidewalk	Sidewalk Improvement	812		V T			812	
412	NM 0130	NE 134th St Sidewalk (South Side between 88th PI & 87th Ave NE)	Sidewalk Improvement	300					300	
-		INC)	TOTALS:	23.383					23.383	