RESOLUTION R-5480

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF KIRKLAND ADOPTING THE CITY OF KIRKLAND 2021-2026 TRANSPORTATION IMPROVEMENT PROGRAM.

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

WHEREAS, on June 15, 2021, 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 reflects the funded and unfunded portions of the transportation element of 2021-2026 Capital Improvement Program (CIP) adopted by City Council on December 8, 2020, and 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), which requires that the Transportation Improvement Program contain information on planned uses for nonmotorized purposes, the City Council finds that the proposed 2021-2026 Transportation Improvement Program identifies non-motorized projects for sidewalk and school walk route enhancements, and lighting improvements to the Cross Kirkland Corridor.

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

 $\underline{\text{Section 1}}$. 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.

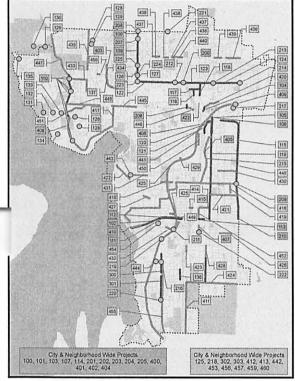
Passed by majority vote of the Kirkland City Council in open meeting this 15 day of June, 2021.

Signed in authentication thereof this 15 day of June, 2021.

Penny Sweet, Mayor

Attest:

Kathi Anderson, City Clerk



NOT TO SCALE

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Date: 5/18/2021



Transportation Improvement Program (2021-2026)

*100 Annual Street Preservation Program (STC0060000) *101. Street Levy Street Preservation (STC0060300)

102 Central Way Preservation Construction (STC0060400)

*103. Local Road Maintenance (STC0060800)

104. Totem Lake Bouleyard and 120th Ave NE Preservation (STC0060900) 105 124th Ave NE Roadway Improvements (North Section) ROW

(STC0591300)

*107. Annual Striping Program (STC080000) 108. 100th Avenue NE Roadway Improvements (North Section) (STC0831300)

109, 100th Ave NE Roadway Imps (Mid-North Section) (STC0831400) in and Safety Improve

111. NE 85th Street Ped/Bike Connection 114th Ave NE to 6th St (STC1070000)

112. NE 85th St and 6th St Westbound Transit Queue Jump (STC1060000 113. NE 85th Street Eastbound Third Lane 120th Ave NE to 122nd Ave NE (STC1090000)

114. Regional Inter-Agency Coordination (STC9999000)

115. 132nd Avenue NE Roadway Improvements (ST00560000) 115 119th Avenue NE Boarbray Extension (STC0610000)

117. NE 130th Street Roadway Improvements (STC0620000) 118: 120th Averue NE Roadway Improvements (STC0630000)

119, 124th Avenue NE Roadway Extension (STC0640000)

120. NE 120th Street Roadway Improvements (West Section) (ST C0720000) 121. 120th Avenue NE Roadway Extension (ST C0730000) 122 NE 132nd St Roadway Improvements - Phase I (West Section)

(STC0780000)

124 NE 132nd St Roadway improvements - Phase III (East Section) (STC0790000) *125. Totem Lake Area Development Opportunity Program (STC0810000)

126. 100th Avenue NE Roadway Improvements (Mid-South Section)

127. 100th Avenue NE Roadway Improvements (South Section) (STC0831600)

128. Finn Hill Emergency Vehicle Access Connection (ST C0860000) 129. Holmes Point Dr NE Road Embankment Stabilization Location 1(STC0940000) 130. Holmes Point Dr NE Road Embankment Stabilization Loc

2(STC0950000) 131. Holmes Point Dr NE Road Embankment Stabilization Location

132. Holmes Point Dr NE Road Embankment Stabilization Location

4(STC0970000) 133. Holmes Point Dr NE Road Embankment Stabilization Locatio

134. Champagne Pt Road NE Embankment Stabilization (STC0990000)

135 (2nd Ave NE Road Embankmert Stabilization (STC1000000) 136:114th Ave NE Road Reconstruction (STC1010000) 137:90th Ave NE Road Surface Wilter Drainage Repair (STC1020000)

200. NE 132nd 3t/116th Way NE (I-405) Intersection Improvements (TRC

*201. Annual Signal Maintenance Program (TRC01160000)

*202. Citywide Traffic Management Safety Improvement *203. Vision Zero Safety Improvement (TRC1170200)

204 Neighborhood Traffic Control (TRC1170100)

205. Kirkland Intelligent Transportation System Phase 3 (TRC1200000) 206. 110th Avenue NE/NE: 124th Street Intersection Improvements

(TRC1240000)

208. 100th Avenue NE/18monds Road Intersection Improvements (TRC1350000) 208. 100th Avenue NE/145th Street Intersection Improvements (TRC1350000) 209. NE 190th Street/132nd Avenue NE Intersection Improvements

(TRC1380000)

210. NE 85th St/132nd Ave NE Dual Left Turn Lanes (TRC1390000)

211. Kirkland Way/CKC Bridge Abutment/Intersection Impro (TRC0670000)
212. NE 132nd Street/Fire Station Access Drive Intersection Impr

(TRC0950000) 213. NE 132nd St

214. NE 132nd Street/132nd Ave NE Intersection Improvements (TRC0970000)

215. Slater Avenue NE Traffic Calming - Phase 1 (TRC1140000) 216. NE 68th Street Intersection Improvements/Access Manager

(TRC1170400) 217. Slater Avenue NE I132nd Avenue NEVNE 124th Street (TRC1230000)

218. Kirkland ITS Implementation Phase 4 (TRC1250000)
219. 6th Street Sifth Place/CKC Transit Signal Priority (TRC1280000) 220. NE 53rd Street Intersection Improvements (TRC1290000)

221. NE 145th Street/Juanita-Woodinville Way Intersection Impro (TRC1300000)

100th Avenue NE/132nd Street Intersection Improvements (TRC1320000)
 224 100th Avenue NE/Usanits-Woodinville Way Intersection Improvements

(TRC1330000)

275 100th Avenue NE/137th Street Intersection In

300 108th Avenue NE Transit Queue Jump - Phase I (PTC0040000) 301. 108th Avenue NE Transit Queue Jump - Phase II (PT C0050000)

*302. Public Transit Speed and Reliability Improvements (PTC0020000) *303. Public Transit Passenger Environment Improvements (PTC0030000)

*400. Street Levy - Pedestrian Safety (NMC0062000)

*401. Annual Sidewalk Maintenance Program (NMC0570000) *402. Safer Routes to School Action Plans Implementation (NMC0870000) 403. NE 131st Way/90th Ave NE Normtrad Impr. (97th Ave NE to NE 134th St)

Scope and Design (NMC0872000)

*404 Citywide Accessibility Improvements (NMC1101000) 405. Citywide Greenways Networks (NMC1130000)

408. CKC Lighting 120th Avenue NE to NE 124th Street (NMC1250000) 407. School and Transit Connector Sidewalk on 120th Avenue NE (NMC1260000)

408: Juanita Drive No (NMC1270000)

409 CKD/Eastrail Crossing Study at 132nd Ave NE (NMC1280000) 410. Pedestrian Safety Improvements (Downtown and NE 124th Street) /NMC12900000

411. 116th Avenue NE (South Section) Non-Motorized Facilities -- Phase II (NMC0010000)

EXHIBIT A

413. Cross Kirldand Comitor Opportunity Fund (NMC0241200)

417 93rd Avenue NE Sidewalk (NMC0320000)

417. sort avenue ne: solewalk (refuciscoulou) 418. NE: 100th Street Bike Iane (NMC0360000) 419. 130th Avenue NE: Sidewalk (NMC0370000) 420. NE: 120th Street Non-Motorized Facilities (NMC0430000)

421. NE 95th Street Sidewalk (Highlands) (NMCD450000) 422. 18th Avenue SW Sidewalk (NMCD400000)

423. 116th Avenue NE Sidewalk (South Rose Hill) (NMCD470000)

424 NE 80th Street Sciencels (NMCD480000)

425. 112th Avenue NE Sidewalk (NMC0490000)

426. NE 80th Street Sidewalk (NMC0500000)

427. 13th Avenue Sidewalk (NMCD540000)

428. 122nd Avenue NE Sidewalk (NMC0550000) 429. 111th Avenue Non-Motorized/Emergency Acor

(NMC0560000)

430. NE 104th Street Sidewalk (NMC0610000) 431. 19th Avenue Sidewalk (NMC0620000)

432. Kirkland Way Sidewalk (NMC0630000)

433. NE 132nd Street Sidewalk At Finn Hill Middle School (NMC0720000) 434. 90th Avenue NE Sidewalk (NMC0740000)

435. 84th Avenue NE Sidewalk (NMC0750000)

436. NE 140th Street Sidewalk - Muir Elem Walk Rt Enhan. Phase 1

437 NE 140th Street - Keller Elem Walk Rt Enhan. - N (NMC0770000) 222 NE 16th Street 72th Avenue NE Intersection Improvements (TRC1310000) 438 NE 140th Street , Keller Flam Walk Ri Februs , S (NMC0780000)

(NMC0790000)

440 Juanita-Kingsgate Pedestrian Bridge At I-405 (NMC0800000)

441. Cross Kirkland Comdor (CKC) Non-Motorized

*442. CKC Roadway Crossings (NMC0863000)

443. 19th Ave NEAth St Sidewalks and Crossing of Market Street 444. Reflective Flashing Beacon at 108th Ave NE Crossing NE 68th St

(NMCD87yoos)

445. NE 124th Street Sidewalk (NMC067xx

445. NE 124th Street Sidewalk (NMC0680000)

447. Juanita Drive Bicycle and Pedestrian Improv 448. 132nd Avenue NE Sidewalk (NMC0970000)

449, 7th Avenue Sidewalk (NMC1010000)

450, 120th Avenue NE Sidewalk (NMC1030000)

451. NE 122nd Place/NE 123nd Street Sidewalk (NMC1040000)

452. 120th Avenue NE Sidewalk (NMC1050000) *453. Citywide CKC Connections (NMC1060000)

454 CKC To Downtown Surface Connection (NMC1070000) 455. 108th Avenue NE Bicycle Lanes Upgrade (NMC1110000)

NSG. Citywide Greenways Network (NMC1139900)

*457. On-Street Bicycle Networks Phase I (NMC1170000)

458. NE 134th St Sidewalk (South Side between 88th Pt and 87th Ave NE) (NMC1300000)

*459 On-Street Berucie Network (NMC8888100) *460. Sidewalk Completion Program (NMC9999100)

*Indicates feature is not macked

	Projects lis	sted in the 2021-2026 TIP are divided into categories represer	ated by the following colors.						
	Section I	Projects Included in the Adopted 2021-2026 Capital Investment	Program (CIP) Plan - Full or Partial Funding Secured					Exhibit B	
	Section II	Unfunded Projects included in the Adopted 2023-2035 Transpor	tation Element of the Capital Facilities Plan (CFP)						
		Unfunded Transportation Improvement Plan/External Funding C		LANCE TO 1 2 (12)					
	Section IV	Potential Non-Motorized Projects Under Placeholders; Not Inclu	ded in Totals						
									-
					2021-2026 D	rolact Eundir	g Categories	(\$000)	-
					2021-2020 11	Project	Funding	(3000)	
				Unsecured 2021-2026	Local*	State	Federal	Total	Total
P Map	CIP#	Project Name	Project Description	Funding	Funding	Funding	Funding	Funding	I Otal
•••	CIP#		led in the Adopted 2021-2026 Capital Investment Program (CIP) Plan - Full or Partial Fu	nding Secure		ASE TO COM			
NAME OF				The state of the s					
100	ST 0006	Annual Street Preservation Program	Preservation of roadway system with various techniques including overlay, sturry 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 instantucture and reduces costly repairs resulting from total road share. Project includes repair and resultance of the streets and repair and replacement of adjoining damaged concrete curb, gutters and sidewalks as well as installing accessible cubrarnes to meet the requirement of the Americans with Disabilities Act (ADA). Project complements levy-funded project ST 0006 003.		9,450			9,450	,
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 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 \$7 0006 000.		14,179			14,179	1
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 though a future the Street Preservation Program timed in coordination with adjacent major redevelopment activity.		2,025			2,025	:
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	
104	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 curb and pawement. 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 amenities 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 \$200,000 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 option.		555			555	
105	ST 0059 12	124th Ave NE Roadway Improvements (North Section) ROW	The purchase of land for the widering 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.				802	802	
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 center turn lane and improve pedestrian crossing(s). This project will reconstruct existing islewayit, transt stops and bicycle lanes, which will be impacted by roadway widening.		5,508		3,892	9,400	
07	ST 0080	Annual Striping Program	Annual program to maintain markings that identify travel lanes, crosswalks, and other guidance markings for auto, pedestrian, bicycle, transt and other forms of transportation. The program will result in the restigning of more than 40 miles of collector and arterial steets trunuplic		3,000			3,000	
08	ST 08313	100th Avenue NE Roadway Improvements (North Section)	Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2016 completed design. This and other elements of the utilizate project will, at a minimum, provide for bicycle lanes, a center turn law where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades.		1,731			1,731	
09	ST 08314	100th Avenue NE Roadway Improvements (Mid-North Section)	Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project will, at a minimum, provide for bicycle lanes, a center turn law where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades.		2,584			2,584	
110	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, channelstation and improvements to increase solid idisance.		4,795			4,795	

					2021-2026 Pr		g Categories	(\$000)			
F 33				Projec			Project Funding				
Р Мар	CIP#			Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co		
NO.		Project Name	Project Description Construct 12' ped/bike connection along the south side of NE 85th St. Related to Sound Transit projects				-				
111	ST 107	NE 85th Street Ped/Bike Connection 114th Ave NE to 6th St	in the area and funded by Sound Transit				6,900	6,900	6,90		
112	ST 108	NE 85th St and 6th St Westbound Transit Queue Jump	Maintenance center surface water upgrades to remain in compliance with the City's National Pollutant Discharge Elimination System (NPDES) permit including; covered storage area for decent materials, covered storage for size et patching materials, covered storage for other material to prevent entry into the surface water drainage system.				1,300	1,300	1,30		
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	2,70		
114	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	41		
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 (WSOOT) Half-Diamond Interchange at NE 132nd Steet and H.d.Os, between 110th Way NE and Totem Lake Birk, as recommended in the NE 132nd Street Master Plan.				202	202	2 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 limitensections, to cabinets and service connections to components in cabinets. Also includes RRPBs (pedestrain fashing beacons), school flashers, and radar 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 fatalises 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 bubs, lighting, radar speed signs and a variety of other improvements as identified in cooperation with the residents affected by the projects.		150			150	15		
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 II 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 lane approximately 200 feet long on 116th Avenue NE at NE 124th Street, includes sidewalk, planter strip and associated signal reconstruction. Requires approximately 1000 sq. ft. of property acquisition. Project is funded through two external funding sources.		273		292	565	5 50		
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 Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.		582			582	2 5		
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 Avenue NE Roadway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.		574			574	4 5		
209	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 lanes for all approaches.	1,279	1,279			2,558	8 2,5		
210	TR 139	NE 85% SV132nd 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 widen the steet of the west to add a second southbound left turn lane. This would be done priminally utilizing right of way and an easement provided by development, but some additional right of way would also be required. The project would also relocate the existing 5'bits lane, rebuild sidewalk and landscape strip and reconstruct the traffic signal to accommodate the second left turn lane. Project improves vehicular level of serve at the signalized intersection. Construct a second southbound left turn lane approximably 250 feet long on 132nd Avenue NE at NE 85th Street Includes sidewalk, planter strip and associated signal reconstruction. Requires approximably 3000 sq. ft. of properly acquisition.		350			350	0 3		
400	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	90		
401	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 fasture.		600			600	6		

					2021-2026 Pr	oject Fundin Project F		(\$000)	
TIP Map No.	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cost
402	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 a variable on a project by project basis. Staff is currently working with the Lake Washington School District to develop an updated list of walk routes.		3,249			3,249	3,249
403	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 normoticized improvements including replacing the extuded curb along the road shoulder with new curb, reinstalling guardral posts in areas where the support posts have eroded, assessing speeds along the corridor, modifying pavement 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 Finn Hill neighborhood to the 100th Avenue NE business district, Juanita Village, parks, and schools. The goal of this project is to improve safety for people walking, biking, and driving		439			439	439
404	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	300
405	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, become, improvements to or new traffic signals), taffic calming, drainage improvements, sidewalks or other walkway improvements and minor properly acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework restablished in the Transportation Master Plan.		800		1,600	2,400	2,400
406	NM 125	CKC Lighting 120th Ave NE to NE 124th St	Install lighting along CKC; pending external funding per Lorrie coordination with Rod, saved for future lupdate			680		680	680
407	NM 126	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			130		130	130
408	NM 127	Juanita Drive Normotorized Improvements 79th Way NE to NE 120th St	NE 93rd Avenue South to NE 143rd Street - complete remaining elements in Juanita Drive Corridor Study, separated pedestrian walkway and buffered bicycle lane; installation of pedestrian flashing beacons (RRPE) at key lo			680		680	680
409	NM 128	CKC/Eastrall Crossing Study at 132nd Ave NE	Voter approved King County levy funded project to study the Cross Kirkland Corridor/Eastrail Crossing of 132nd Ave NE. Project will study the feasibility of an al-grade and a grade separated trail crossing at this location.		100			100	100
410	NM 129	Pedestrian Safety Improvements (Downtown & NE 124th St)	Pedestrian safety improvements along Central Way in the downtown area and along NE 124th Street in the Juanita neighborhood.		51		1,614	1,665	1,665
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-forway is included.	4,875				4,875	4,875
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 55th Street and NE 60th Street. A new traffic signal is included at NE 60th Street as is the acquisition of new right-of-way.	5,640				5,640	5,640
				2,985	55,938	1,490	19,302	90,230	90,230
	-	Local funding includes secured revenue from other local agencies and putter funding includes secured revenue from federal and state grants.	rivate entities (i.e., developers, etc.)						-
		Other running excludes secured revenue from rederar and state grants.							-
120		Unfu	nded Projects included in the 2021-2026 Transportation Element of the Capital Facilities	Plan			del Sales		
118	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 Steet and NE 128th Street. Project includes one travel lane in each direction and a two-way left turn lane along with landscaped median islands, cutb, gutter, sidewalk and beyole lanes. Three signalized intersections will be reconstructed. Project length is approximately 1,600 feet.	4,500					4,50
120	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 Avenus NE, extend west to the Cross kritishand Comridor, parallel the Corridor and terminate at 11th Sh Ave NE. The project will include signal modifications at 124th Ave NE/NE 120th St, bits facilities sidewalls, and planter steps along the entre alignment. Revised to include segment from CKC to 116th Ave NE.	15,781					15,78
122	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 133nd Street Corridor, as outsined within the NE 133nd Street Coadway Masterplan Study completed in 2008.	1,739					1,73

					2021-2026 P	roject Fundir Project	g Categories	(\$000)	
TP Map No.	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cos
123	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
124	ST 0079	NE 132nd St Rdwy Impry-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					1,44
125	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					50
126	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 utitrate by project wil, at a minimum, provide for bicycle lanes, a center turn law where appropriate, sidewalks, curb and gutter, illumination improvements and storm drainage system upgrades.	5,530					5,53
127	ST 08316	100th Avenue NE Roadway Improvements (South Section)	Roadway improvements along 100th Ave NE to address the current 5-lane to 2-lane transition to be based on the 2015 Puget Sound Regional Council (PSRC) grant funded design. This project represents one of four segments for implementing a portion of the 2018 completed design. This and other elements of the ultimate project wit, at a minimum, provide for bicycle lanes, a center turn have where appropriate, sidewalls, curd and gutter, illumination improvements and storm drainage system upgrades.	3,619					3,61
129	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
130	ST 09500	Holmes Point Dr NE Road Embankment Stabilization Location 2	Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control needed to eliminate animal burrows in the hillside.	412					41
131	ST 09600	Holmes Point Dr NE Road Embankment Stabilization Location 3	Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control is needed to eliminate animal burrows in the hillside.	503					50
132	ST 09700	Holmes Point Dr NE Road Embankment Stabilization Location 4	Partial to full reconstruction of roadway embankment to increase slope stability. Large rodent removal or control is needed to eliminate animal burrows in the hillaid. The light-fling 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
133	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
134	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					56
135	ST 10000	62nd Ave NE Road Embankment Stabilization	Construction of soldier pile and lagging wall and embankment regrading to protect and preserve roadway integrity.	823					82
136	ST 10100	114th Ave NE Road Reconstruction	Excavation of existing unsuitable embankments fill and replacement with imported material. Replacing ublides along the project alignment (1,000ft). Construction of approximately 150ft of french drain to the least side of road.	1,900					1,90
137	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 guardrall posts in areas where post support has eroded.	420					42
212	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 Totam Lake redevelopment.	480					48
213	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 maich west leg, widen and restripe north leg for 1,000 feet to provide 2 northbound through lanes with 1 southbound through lanes with 1 southbound through lanes with 1 alne. Restripe south leg to match north leg; these improvements will allow this intersection to maintain a vehicular level of service. Project is subject to anticipated funding through development activities and related revenues.	7,400					7,40
214	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
218	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 takely include advanced control methods such as adaptive control.	2,620					2,62
219	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-sered pashing with a signal controlled crossing to give a transit priority in both north and southbound directions. The realignment of the 6th 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 friendity.	2,600					2,60

					2021-2026 P	roject Fundir Project		(\$000)	
IP Map	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
220	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 52rd Streets, including an adjacent protected crosswalk and nearby transit stops serving Northwest University, Emerson High School, and the neighborhood.	4.345					4,34
221	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, must arms and heads, signal cabinet, camers and full electronics.	2,100					2,10
222	TR 13100	NE 80th Street/120th Avenue NE Intersection Improvements	instal traffic signal and intersection incrovements 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
223	TR 13200	100th Avenue NE/132nd Street Intersection Improvements	instal traffic signal and intersection improvements to mainriace 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 mainimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.	1,647					1,64
224	TR 13300	100th Avenue NE/Juanita-Woodinville Way Intersection Imps	instal traffic signal and intersection improvements to minimize traffic conflict, improve safety and traffic operation. Project both based on a 2018 estimate as part of the 100th Avenue NE Readway Design and, at a minimum, will provide all new signal poles, mast arms and heads, signal cabinet, cameras and full electronics.	2,161					2,16
225	TR 13400	100th Avenue NE/137th Street Intersection Improvements	instal 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 Readway 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
209	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 interactions to intersection widening to separate lares 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					50
303	PT 0003	Public Transit Passenger Environment Improvements	This project designs and constructs improvements to transit stops. Improvements include items such as shalters, 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					50
412	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
413	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					50
442	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
447	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 fashing beacoms (RFB's) at key locations; improved lighting, signing and markings. Intersection channelization improvements are also included.	10,650					10,65
455	NM 0111	108th Avenue NE Bicycle Lanes Üpgrade	The improvement and completion of the bicycle facilities on 108th Avenue NE. This may include a full spectrum of bike facilities from painted bike fance to separated facilities and associate/braffic 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
456	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, sighting, crossing treatments (which may include items such as marking, signing of various types, sighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic caliming, drainage improvements, sidewalks or other walkinay improvements and mirror 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					4,45
457	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

				2021-2026 Project Funding Categories (\$000)					
						Project	Funding		
P Map No.	CIP#	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Co
459	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					3,2
460	NM 99991	Sidewalk Completion Program	Complete sidewalk improvements on one side of: School Walk Routes (collectors and arterials), principal arterials and in top 2 catapoins of 10 minute neighborhoods. May include projects such as: NM 0026, NM 0037, NM 0045, NM 0047, NM 0048, NM 0049, NM 0063, NM 0053, NM 0071, NM 0072, NM 0075, NM 0076, NM 0077, NM 0078, NM 0079, NM 0083, NM 0097, NM 0101, NM 0102, NM 0103, NM 0104	6,097					6,0
			TOTALS	104,004	0	0 0			1010
and the same		CHARACTER STATE OF THE STATE OF	Unfunded Transportation Improvement Plan/External Funding Candidates	104,004				THE REAL PROPERTY.	104,00
115	ST 0056	132nd Avenue NE Roadway Improvements	Street Improvement	25,170					25,17
116	ST 0061	119th Avenue NE Roadway Extension	Street Improvement	5,640					5,64
117	ST 0062	NE 130th Street Roadway Improvements	Street Improvement	10,000				-	10,0
119	ST 0064	124th Avenue NE Roadway Improvements	Street Improvement	30.349					30.3
121	ST 0073		•						
128	ST 00/3	120th Avenue NE Roadway Extension	Street Improvement	16,392					16,3
		Finn Hill Emergency Vehicle Access Connection	Street Improvement	900		_		_	9
211	TR 0067	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	Traffic Improvement	6,917				-	6,9
215	TR 0114	Slater Avenue NE Traffic Calming - Phase I	Traffic Improvement	247					2
216	TR 0117 004	NE 68th St Intersection Imps/Access Management	Traffic Improvement	4,375					4,3
217	TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	Traffic Improvement	2.124					2,1
415	NM 0030	NE 90th Street/i-405 Pedestrian/Bicycle Overpass	Sidewalk Improvement	3,741					3,7
416	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					2,5
417	NM 0032	93rd Avenue Sidewalk	Sidewalk Improvement	1.048					1,0
420	NM 0043	NE 126th St Nonmotorized Facilities	Sidewalk Improvement	4.277					4,2
422	NM 0046	18th Avenue SW Sidewalk	Sidewalk Improvement	2.255					2,2
426	NM 0050	NE 80th Street Sidewalk	Sidewalk Improvement	860					8
427	NM 0054	13th Avenue Sidewalk	Sidewalk Improvement	447					4
428	NM 0055	122nd Ave NE Sidewalk	Sidewalk Improvement	867					8
429	NM 0058	111th Ave Non-Motorized/Emerg, Access Connection	Pathway	2,000					2,0
431	NM 0062	19th Avenue Sidewalk	Sidewalk Improvement	814					8
434	NM 0074	90th Ave NE Sidewalk	Sidewalk Improvement	353					3
440	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 populative connection across I-405 and intrastructure improvements to provide a	4,500					4,5
441	NM 0086	Cross Kirkland Corridor Non-motorized Improvements	Corridor Non-motorized Improvements	65,742					65,7
444	NM 0087xx NM 0087xx	19th Ave NE/4th St Sidewalks and Crossing of Market Street Reflective Flashing Beacon at 106th Ave NE Crossing NE 68th St	Traffic Improvement Sidewalk Improvement	2,443		-			2,4
445		NE 124th Street Sidewalk	Sidewalk Improvement	462					4
453		Citywide CKC Connections CKC to Downtown Surface Connection	Pathway Traffic Improvement	360					3
454	NM 0107	CKC to Downtown Surface Connection	tranic improvement	2,000					2,0
			TOTALS:	196,922					196,9
			Potential Non-Motorized Projects Under Placeholders; Not Included in Totals	NAME OF THE PARTY		STATE OF THE STATE OF	NASS IN		-
459	NM 8888 100	On-Street Bicycle Network Candidate Projects:	Totalida Non-Motorizad Projects Ordan Praceroladis, Not madada in Totals					1000 A 1000 F	
411	NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facil-Phase II	Bicycle Improvement	3,378					3,3
418	NM 0036	NE 100th Street Bike lane	Bicycle Improvement	1,644					1,6
460		Sidewalk Completion Program Candidate Projects:				-			-
414	NM 0026	NE 90th Street Sidewalk (Phase II)	Sidewalk Improvement	706				-	7
419	NM 0037	130th Avenue NE Sidewalk	Sidewalk Improvement	834					
421	NM 0045	NE 95th Street Sidewalk (Highlands)	Sidewalk Improvement	572		-			5
423	NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	Sidewalk Improvement	840 500		-			

	1				2021-2026 P	roject Fundir	g Categories	(\$000)	
		# Project Name			Project Funding				
TIP Map No.	CIP#		Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cost
425	NM 0049	112th Ave NE Sidewalk	Sidewalk Improvement	528					528
430	NM 0061	NE 104th Street Sidewalk	Sidewalk Improvement	1,085					1,085
432	NM 0063	Kirkland Way Sidewalk	Sidewalk Improvement	414					414
433	NM 0072	NE 132nd Street Sidewalk at Finn Hill Middle School	Sidewalk Improvement	840					840
435	NM 0075	84th Ave NE Sidewalk	Sidewalk Improvement	4,053					4,053
436	NM 0076	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	Sidewalk Improvement	1,131					1,131
437	NM 0077	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan N	Sidewalk Improvement	1,185					1,185
438	NM 0078	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan S	Sidewalk Improvement	747					747
439	NM 0079	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	Sidewalk Improvement	648					648
446	NM 0088	NE 124th Street Sidewalk	Sidewalk Improvement	376					376
448	NM 0097	132nd NE Sidewalk	Sidewalk Improvement	732					732
449	NM 0101	7th Avenue Sidewalk	Sidewalk Improvement	208					208
450	NM 0103	120th Avenue NE Sidewalk	Sidewalk Improvement	556					556
451	NM 0104	NE 122nd Place/NE 123rd Street Sidewalk	Sidewalk Improvement	1,294					1,294
452	NM 0105	120th Avenue NE Sidewalk	Sidewalk Improvement	812					812
458	NM 0130	NE 134th St Sidewalk (South Side between 88th PI & 87th Ave	Sidewalk Improvement	300					300
50-507			TOTALS	23,383					23,383