

PRELIMINARY 2023 – 2028 CAPITAL IMPROVEMENT PROGRAM (CIP)

ROD STEITZER, CAPITAL PROJECTS MANAGER
KEVIN PELSTRING, FINANCIAL PLANNING SUPERVISOR

TRANSPORTATION COMMISSION MEETING SEPTEMBER 28, 2022

AGENDA

- 2023-2028 CIP
 - CIP Development Timeline
 - CIP Priorities Resolution
 - 2023-2028 Proposed Transportation CIP
 - Change Highlights
 - Project Related Discussion

CIP DEVELOPMENT TIMELINE

- 2023-2028 CIP Policy Focus
 - April 5, 2022 CIP Priority Resolution
 - July 19, 2022 Preliminary CIP Study Session
 - October 4, 2022 Next CIP Study Session
 - November 15, 2022 Final CIP Study Session [if needed]
 - December 13, 2022 Adoption

CIP PRIORITIES RESOLUTION

- 1. Complete capital projects from the 2021-2022 City Work Plan.
- 2. Complete public safety capital investments that help implement Police and Fire Strategic Plans.
- 3. Identify and complete utility and transportation projects necessary to ensure the success of WSDOT and Sound Transit investments in I-405 and Kirkland, and support transit-oriented redevelopment incentivized by the NE 85th Street Station Area Plan.
- 4. Complete projects necessary to ensure adequate transportation concurrency investments keep pace with development.
- 5. Invest in parks projects that increase active recreation opportunities throughout the City to meet the diverse needs of a growing population.
- 6. Invest in water, sewer, and stormwater projects according to the priorities contained in the adopted utility Master Plans and identified in the NE 85th St Station Area Plan.
- 7. Create measurable progress towards achieving the City Council's eleven goals.

POLICY DIRECTION DUE TO ECONOMIC CONDITIONS

- 1. Potentially defer projects and reprioritize funding if high inflation continues.
- 2. Complete projects with grant, contractual or regulatory requirements.

Preliminary 2023 -2028 Transportation Capital Improvement Projects

MAP OF FUNDED TRANSPORTATION PROJECTS

City of Kirkland 2023-2028 Capital Improvement Program

TRANSPORTATION PROJECTS

Funded Projects:

Secretary Designation							DESCRIPTION OF THE PARTY OF THE	CURRENT		RESERVES / SINKING		Sec. 10.	SECURED	UNSECURED / OTHER	FUNDED THROUGH SAF
roject Number - Project Title	2023	2024	2025	2026	2027	2028	2023-28 TOTAL	REVENUE	STREET LEVY	FUND	IMPACT FEES	DEST	EXTERNAL	EXTERNAL	MECHANISMS*
DEVELOPER PROVIDED (CITY ESTIMATED COST)			14,326,852		2,509,471		16,836,324	-	-				-		16,836,32
NMC 14300 - 85TH ST ENHANCED SIDEWALKS AND MULTIUSE PATHS: I-405 TO 120TH AVE NE (SAP SCOPE 18A)			3,148,759			-	3,148,759		-			-	-		3,148,75
NMC 14700 - 1-405 / NE 85TH ST SHARED USE TRAILS (SE CORNER) TO NE 80TH ST (SAP SCOPE 13C)		-	3,644,397				3,644,397					-			3,644,39
NMC 14800 - LEE JOHNSON SOUTH: NE 80TH ST/118TH AVE NE (SAP SCOPE 2)			2,271,188				2,271,188						- 1		2,271,18
TRC 15100+ - NE BOTH STREET/120TH AVENUE NE INTERSECTION IMPROVEMENTS (SAP SCOPE 3)					2,509,471		2,509,471								2,509,47
TRC 14400 - MODIFICATIONS TO BSTH/120TH INTERSECTION (SAP SCOPE SA)		- 2	2,565,655			-	2,565,655	-				-			2,565,65
TRC 14500 - LEE JOHNSON EAST: NE 83RD ST/120TH AVE NE SIGNALIZED ACCESS (SAP SCOPE 1)			2,096,854				2,696,854								2,696,85
PW TRANSPORTATION	32,287,800	21,156,995	18,979,376	22,199,448	20,310,138	22,578,375	137,512,131	40,360,989	17,808,000	8,641,800	4.000,000	21,000,000	11.824.820	12,566,500	21,501,022
NIMC 00621 - STREET LEVY - NEIGHBORHOOD SAFETY PROGRAM IMPROVEMENTS	275,000	250,000	250,000	250,000	250,000	150,000	925,000	25,000	900,000	-	-		-		-
NMC 05700 - ANNUAL SIDEWALK MAINTENANCE PROGRAM	100,000	100,000	100,000	100,000	100,000	100,000	600,000	500,000	-						
NMC 0E700 - SAFER ROUTES TO SCHOOL ACTION PLANS IMPLEMENTATION	550,000	550,000	550,000	550,000	550,000	550,000	3,500,000	2,400,000	900,000						
NIMC 08720 - NE 1325T WAY/90TH AVE NE NONIMTRZD IMPR. (97TH AVE NE TO NE 134TH ST) SCOPE & DESIGN	230,000	- Sangana	0.000	anderes	- and a second	-	330,000	330,000	-	20		- 3			- 2
NMC 10100 - 7TH AVE/NE 87TH ST COMPLETE STREET IMPROVEMENTS (SAP SCOPES 10, P1, P5)	- angitor	- 1	1,794,501			7,788,676	9,583,177	34,000	-	- 1			- 1		9,583,17
NMC 13010 - CITYWIDE ACCESSIBILITY IMPROVEMENTS	50,000	100,000	50,000	100,000	50,000	100,000	450,000	450,000					-		-,,
NMC 11900 - STORES TO SHORES	2,242,500		30,000	200,000	34,544	100,000	2,242,500	152,580	- 1	90,920	400,000	- 1	1.600,000		3
NMC 13100 - 116TH AVENUE NE CROSSWALK IMPROVEMENTS AT KINGSGATE PARK AND RIDE	2,242,500	200,000		-			200,000	35,000	-	30,340	400,000		165,000		
NMC 19200 - TRAIL CONNECTION AT JUANITA DRIVE AND NE 192ND ST	1	200,000	-	855,000			855,000	855,000			-	-	140,000		
NMC 13300 - SAFER ROUTES TO SCHOOL AND ACTIVE TRANSPORTATION PLAN IMPLEMENTATION	1	4,200,000	5,600,000		5,600,000		21,000,000	833,000				21,000,000			
NMC 15400 - NE 128TH STREET NONMOTORIZED IMPROVEMENTS - 116TH AVE TO 120TH AVE	1	4,200,000	1,035,000	5,600,000	3,000,000	- 1	1,035,000	1,035,000	-			21,000,000	- 1	- :	
NMC 13500 - NE 128TH STREET SLATER AVENUE CROSSING IMPROVEMENTS	150,000	-	2,000,000	-	-	-		4,000,000	-	150,000	-	-		-	
		2.062.000		_	-	-	150,000	642,000	-	7,5470,199		-	-	4 800 000	-
NMC 13600 - NE 132ND STREET SLATER AVENUE CROSSING IMPROVEMENTS NMC 13700 - WILLOWS ROAD AT EAST TRAIL NONMOTORIZED IMPROVEMENTS	1,050,000 230,000	2,067,000	- 1	-	- :		3,117,000	30,180	-	975,000	- :	-	199,820	1,500,000	
	230,000	145 000		-		-	The second secon	and the second s	-		-	-	199,020	-	-
NMC 15800 - STATE STREET AT 7TH AVENUE CROSSWALK IMPROVEMENTS		165,000		-	-	-	165,000	165,000	-		-	-	- 1	-	-
NMC 13900 - 116TH AVENUE NE SIDEWALK IMPROVEMENTS - 73RD STREET TO 75TH PLACE		-	646,875	-			646,875	646,875	-		-	-	-		
NMC 14200 - 1-405/NE BSTH ST SHARED USE TRAILS TO 116TH AVE NE (SAP SCOPE 13A)					3,997,664		3,997,664				-				3,997,664
NMC 14400 - BSTH MULTIMODAL IMPROVEMENTS (SAP SCOPES 188, 18C, PZ)			****	-		7,253,609	7,253,609	-				-		-	7,253,601
NMC 14500 - 116TH PED/BIKE ACCESS TO 1-405 OVERCROSSING (SAPSCOPE 19)	****	****	466,483			-	466,483	******			-		-	2 200 000	466,481
PTC 00400 - 208TH AVENUE NE TRANSIT QUEUE JUMP - PHASE I	100,000	919,000	105,000	3,000,000		-	4,124,000	334,000	-	100,000	-		-	3,700,000	
PTC 00500 - 208TH AVENUE NE TRANSIT QUEUE JUMP - PHASE II	200,000	919,000	205,000	4,000,000	4 700 444	4 999 999	5,124,000	324,000	-		-			4,800,000	-
STC 00600 - ANNUAL STREET PRESERVATION PROGRAM	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	1,700,000	10,200,000	10,200,000	17/11/2000				-		
STC 00603 - STREET LEVY STREET PRESERVATION	2,488,000	2,558,000	2,629,000	2,702,000	2,777,000	2,854,000	26,008,000		16,008,000						
STC 00608 - LOCAL ROAD MAINTENANCE	50,000	50,000	50,000	50,000	50,000	50,000	500,000	300,000				-			-
STC 05913 - 124TH AVENUE NE ROADWAY IMPROVEMENTS (NORTH SECTION) CONSTRUCTION	2,250,000	-	7	-			2,250,000	650,000	-		1,600,000				
STC 08000 - ANNUAL STRIPING PROGRAM	750,000	750,000	750,000	750,000	750,000	750,000	4,500,000	4,500,000							
STC 08313 - 300TH AVENUE NE ROADWAY IMPROVEMENTS - NORTH SECTION	1,740,000			-		-	1,740,000			1,740,000		-			
STC 08314 - 100TH AVENUE NE ROADWAY IMPROVEMENTS - MID-NORTH SECTION	2,610,000			-		-	2,610,000			2,610,000			-		
STC 08900 - JUANITA DRIVE INTERSECTION AND SAFETY IMPROVEMENTS	1,525,880	2,150,540					3,676,420	1,200,540	-	475,880	2,000,000		-		
STC 10700 - NE 85TH STREET PED/BIKE CONNECTION 214TH AVE NE TO 6TH 57	5,870,000	-	-	-		-	5,870,000						5,870,000		
STC 10800 - NE 85TH ST & 6TH ST WESTBOUND TRANSIT QUEUE JUMP	380,000	-		- 7			380,000						380,000		
STC 10900 - NE BSTH ST EASTBOUND THIRD LAME 120TH AVE NE TO 122ND AVE NE	3,610,000		-				3,620,000	-					3,620,000		-
STC 11100 - PRESERVATION 124TH AVE 132ND ST TO 144TH ST		0050	2,915,517	-		-	2,915,517	1,915,517	-				-	1,000,000	-
STC 11300 - NE BSTH ST STATION AREA TRANSPORTATION IMPLEMENTATION PLAN (DESIGN)		300,000	-			-	300,000	-		300,000		-			
STC 99990 - REGIONAL INTER-AGENCY COORDINATION	82,000	82,000	82,000	82,000	82,000	82,000	492,000	492,000	-				-		
TRC 09800 - NE 132ND STREET / 116TH WAY NE (I-405) INTERSECTION IMPROVEMENTS	2,050,000					-	2,050,000	450,000		2,600,000	-		-		
TRC 11600 - ANNUAL SIGNAL MAINTENANCE PROGRAM	100,000	100,000	100,000	100,000	100,000	100,000	600,000	600,000	-			-			
TRC 13700 - CITYWIDE TRAFFIC MANAGEMENT SAFETY IMPROVEMENTS	100,000		100,000	-	100,000	-	300,000	500,000	-						
TRC 11702 - VISION ZERO SAFETY IMPROVEMENT	50,000	50,000	50,000	50,000	50,000	50,000	500,000	500,000	-		-				
TRC 11703 - NEIGHBORHOOD TRAFFIC CONTROL	-	50,000	-	50,000		50,000	150,000	150,000	-	- 0	-		-		
TRC 12000 - KIRKLAND INTELLIGENT TRANSPORTATION SYSTEM PHASE 3	244,100	455,900		2,320,448	389,552		2,410,000	2,420,000	-			-	-		-
TRC 13000+ - NE 145TH STREET/JUANITA-WOODINVILLE WAY INTERSECTION IMPS	-	-		1,040,000	1,911,961		2,951,961	2,951,961	-		-		-		
TRC 15700 - KIRKLAND AVE/LAKE ST INTERSECTION	637,320			-		0.00	637,320	637,320	-				-		
TRC 13800 - NE 100TH STREET/132ND AVENUE NE INTERSECTION IMPROVEMENTS	600,000	2,533,000	-			-	3,133,000	966,500		600,000	-		-	2,566,500	
TRC 19900 - NE BSTH ST/192ND AVE NE DUAL LEFT TURN LANES-DESIGN	-	1,007,555	-	102		-	1,007,555	1,007,555	-	-2	-	-	-		
TRC 14200 - 122ND AVENUE NE AT NE 70TH STREET INTERSECTION IMPROVEMENTS					1,951,961	1,000,000	2,951,961	2,951,961	-						
TRC 14300 - NE BSTH STREET (I-405) INTERSECTION IMPROVEMENTS	373,000			-		- 10	373,000	373,000	-				-		
otal Funded Transportation Projects	32.287.800	21.156.995	33,306,228	22.199.448	22,819,609	22,578,375	154,348,455	40,369,989	17,808,000	8,641,800	4,000,000	21,000,000	11,824,820	12,566,500	38,137,34

TRANSPORTATION PROJECTS

Unfunded Projects in the Capital Facilities Plan Years 2029-2035

Project	Basil and Winson	
Number	Project Title	Total
STC 06300	120th Avenue NE Roadway Improvements	4,500,000
STC 07200	NE 120th Street Roadway Improvements (West Section)	15,780,600
STC 07700	NE 132nd St Rdwy ImprvPhase I (West Section)	1,739,000
STC 07800	NE 132nd St Rdwy Impro-Phase II (Mid Section)	408,000
STC 07900 STC 08100	NE 132nd St Rdwy Impre-Phase III (East Section) Totem Lake Area Development Opportunity Program	1,444,000
STC 08315	100th Avenue NE Roadway Improvements (Mid-South Section)	5,530,000
	100th Avenue NE Roadway Improvements (South Section)	
STC 08316 STC 09400	Holmes Point Dr NE Road Embankment Stabilization Location 1	3,619,000
STC 09500	Holmes Point Dr NE Road Embankment Stabilization Location 2	412,000
STC 09500	Holmes Point Dr NE Road Embankment Stabilization Location 3	203,000
STC 09700	Holmes Point Dr NE Road Embankment Stabilization Location 4	331,000
STC 09800	Holmes Point Dr NE Road Embankment Stabilization Location 5	232,000
STC 09900	Champaene Pt Road NE Embankment Stabilization	263,000
STC 10000	62nd Ave NE Road Embankment Stabilization	823,000
STC 10100	114th Ave NE Road Reconstruction	1,900,000
STC 10200	90th Ave NE Road Surface Water Drainage Repair	420,000
STC 11200*	124th Ave NE Roadway Widening: NE 85th St to NE 90th St.	23,682,000
PTC 00200	Public Transit Speed and Reliability Improvements	500,000
PTC 00300	Public Transit Passenger Environment Improvements	300,000
NMC 01299	Crosswalk Upgrade Program	4 100 000
NMC 02600*	NE 90th Street Complete Street and Greenway	13,478,000
NMC 08630	CKC Roadway Crossings	3,370,100
NMC 09011	Juanita Drive Bicycle and Pedestrian Improvements	10,650,000
NMC 10500*	120th Avenue NE Improvements (85th St to 90th St)	874,000
NMC 11100	108th Avenue NE Bicycle Lanes Upgrade	845,000
NMC 11399	Citywide Greenway Network	4,450,000
NMC 11700	On-Street Bicycle Network Phase I	1,120,000
NMC 12700	Juanita Drive Nonmotorized Improvements 79th Way NE to NE 120th St	680,000
NMC 15000*	122nd Ave NE Bike Route (NE 80th St to NE 90th St)	4,290,000
NMC 15100*	Shared Use Path (NE 120th Ave to NE 122nd Ave) at 83rd Street	1,105,000
NMC 15200*	NE 85th St Enhanced Sidewalks: 124th Ave NE to 126th Ave NE	4,401,000
NMC 15300*	NE 85th St Enhanced Sidewalks: 126th Ave NE to 128th Ave NE	5,661,000
NMC 15700*	NE 80th Street / 122nd Ave NE Intersection RRFB	795,000
NMC 88881	On-street Bicycle Network	3,280,000
NMC 99991	Sidewalk Completion Program	6,096,800
TRC 09500	NE 132nd St/Fire Stn Access Dr Intersect'n Imp	480,000
TRC 09600	NE 132nd St/124th Ave NE Intersect'n Imp	7,400,000
TRC 09700	NE 132nd St/132nd Ave NE Intersect'n Imp	1,150,000
TRC 12500	Kirkland ITS Implementation Phase 4	2,620,000
TRC 12800	6th Street S/5th Place/CKC Transit Signal Priority	2,600,000
TRC 12900	NE 53rd Street Intersection Improvements	4,345,000
TRC 13200	100th Avenue NE/132nd Street Intersection Improvements	1,647,000
TRC 13300	100th Avenue NE/Juanita-Woodinville Way Intersection Imps	2,161,000
TRC 13400	100th Avenue NE/137th Street Intersection Improvements	1,475,000
Capacity Projec	ts Subtotal	152,926,500
STC 00600	Annual Street Preservation Program	11,900,000
STC 00603	Street Levy Street Preservation	22,321,000
STC 00608	Local Road Maintenance	350,000
STC 08000	Annual Striping Program	5,250,000
STC 99990	Regional Inter-Agency Coordination	574,000
NMC 00621	Street Levy - Neighborhood Safety Program Improvements	1,050,000
NMC 05700	Annual Sidewalk Maintenance Program	700,000
NMC 11010	Citywide Accessibility Improvements	500,000
TRC 11600	Annual Signal Maintenance Program	700,000
TRC 11700	Citywide Traffic Management Safety Improvements	300,000
TRC 11702	Vision Zero Safety Improvement	300,000
TRC 11703	Neighborhood Traffic Control	150,000
Non-Capacity P	rojects Subtotal	44,095,000
	cilities Plan Projects Yrs 7-14	197,021,500

Unfunded Transportation Improvement Plan/External Funding Candidates

Project		
Number	Project Title	Total
STC 05600	132nd Avenue NE Roadway Improvements	25,170,000
TC 06100	119th Avenue NE Roadway Extension	5,640,000
TC 06200	NE 130th Street Roadway Improvements	10,000,000
TC 06400	124th Avenue NE Roadway Extension	30,349,000
TC 07300	120th Avenue NE Roadway Extension	16,392,000
TC 08600	Finn Hill Emergency Vehicle Access Connection	900,000
MC 02412	Cross Kirkland Corridor Opportunity Fund	500,000
MC 03000	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	3,740,700
MC 03100	Crestwoods Park/CKC Corridor Ped/Bike Facility	2,505,000
IMC 03200	93rd Avenue Sidewalk	1,047,900
IMC 04300	NE 126th St Nonmotorized Facilities	4,277,200
MC 04600	18th Avenue SW Sidewalk	2,255,000
IMC 05000	NE 80th Street Sidewalk	859,700
IMC 05400	13th Avenue Sidewalk	446,700
MC 05500	122nd Ave NE Sidewalk	866,700
MC 05800	111th Avenue Non-Motorized/Emergency Access Connection	2,000,000
MC 06200	19th Avenue Sidewalk	814,200
MC 06300*	Kirkland Way Complete Street, includes Kirkland Way/CKC Bridge	22,500,000
MC 07400	90th Ave NE Sidewalk	353,400
MC 08000	Juanita-Kingsgate Pedestrian Bridge at I-405	4,500,000
MC 08600	Cross Kirkland Corridor Non-motorized Improvements	65,742,000
MC 087xx	19th Ave NE/4th St Sidewalks and Crossing of Market Street	2,443,500
MC 087xx	Reflective Flashing Beacon at 106th Ave NE Crossing NE 68th St	134,800
MC 087xx	NE 124th Street Sidewalk	462,000
MC 10600	Citywide CKC Connections	360,000
MC 10700	CKC to Downtown Surface Connection	2,000,000
MC 14600*	I-405 / NE 85th Street Shared Use Trails (NE Corner) to Slater Ave NE	3,185,000
IMC 14900*	116th Ave NE Complete Street (NE 87th St to NE 100th St)	4,087,000
MC 15400*	Shared Use Trail Improvements, 5th Ave to Kirkland Way	6,670,000
MC 15500*	5th Ave Greenway: 6th Street to 10th Street	18,000
MC 15600*	6th Street Widened Sidewalks, Kirkland Way to NE 83th Street	2.880,000
IMC 15800*	6th and NE 85th St Protected Intersection	1,562,000
MC 15900*	6th and Kirkland Way Protected Intersection	1,562,000
RC 11400	Slater Avenue NE Traffic Calming - Phase I	247,000
RC 11704	NE 68th Street Intersection Improvements/Access Management	4,375,000
RC 12300	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	2,124,000
ubtotal Unfun	ded Transportation Improvement Plan/External Funding Candidates	232 969 800

Grand Total Unfunded Transportation Projects

429,991,300



- Total funded program increased by \$61.0 million between 2023-2026
- Added \$39.8 million in 2027-2028
- Includes \$16.8 million of developer-delivered projects as part of the NE 85th Station Area Plan
- Selection criteria:
 - Finish projects in 2021-22 Workplan
 - Finish 5-star projects
 - Prepare prioritization for TBD funding
 - Fund priority projects for NE 85th Station Area Plan

STC 05913 - 124th Ave NE Roadway Improvements (North Section) Construction \$2,250,000 increase in 2023

STC 08313/08314 - 100th Ave NE Roadway Improvements

Council directed staff to transfer \$3,000,000 in Federal contingency funding in 2022 Need an additional \$4.35 million in 2023 funding

STC 08900 - Juanita Drive Intersection and Safety Improvements

Moved back timing of funding; \$1.09 million increase over 2023-2024.

STC 10700/10800/10900 - Sound Transit Projects

▲ \$3.5 million increase in external funding above 2021-2026 Adopted CIP Update.

NMC 11300 - Stores to Shores Greenways

Added \$450,000 in 2022 to complete design and subsequently obligate construction phase. Previously scheduled for 2023 – approved to use \$225K from each REET 1 & 2 reserves in 2022.

Moved up 2024 Construction funding to 2023. Can obligate \$1.6 million Federal PSRC grant in July 2022.

NMC 13500/13600 - NE 124th St Slater Ave Crossing and NE 132nd St Slater Ave Crossing Improvements

On May 17th, Council directed staff to accelerate two related capital projects to address pedestrian and bicycle safety

Moved funding from Streets Levy - Pedestrian Safety (NMC 00620) to NMC 00621, now titled 'Streets Levy - Neighborhood Safety Program Improvements'

In response to Council concerns that there was insufficient ongoing funding for the Neighborhood Safety Program, Staff moved \$150,000 per year in Street Levy funding (\$900,000 total in the 6-year CIP).

Added \$35,000 in REET 1 match funding in 2024 to 116th Ave NE Crosswalk Improvements at Kingsgate Park & Ride (NMC 13100)

This provides local funds on top of existing \$165,000 in Sound Transit funding for project costs ineligible for reimbursement.

Added \$360,000 in REET 1 Reserves for NE 132nd St/116th Way NE (I-405) Intersection Improvements (TRC 09800)

Covering fixes for deficient stormwater system and project changes due to differing site conditions as WSDOT has begun construction.

Moved TBD revenue back by one year in Safer Routes to School & Active Transportation Plan Implementation (NMC 13300)

- 108th Queue Jumps: Staff working with WSDOT to better understand permitting requirements
- CKC Trail Crossing at 132nd Avenue NE: Prioritized Crossing improvements scheduled for 2024 construction
- Tax Increment Financing: A potential financing plan for prioritized projects needed to keep pace with growth
- Trends with Pavement Condition Index: An update on trends for pavement conditions