CITY OF KIRKLAND

Transportation Improvement Program (TIP)

For 2023 To 2028 CIP Update

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Capital Projects Supervisor
April 25, 2023

Transportation Improvement Program (TIP)
2023 – 2028

The TIP:

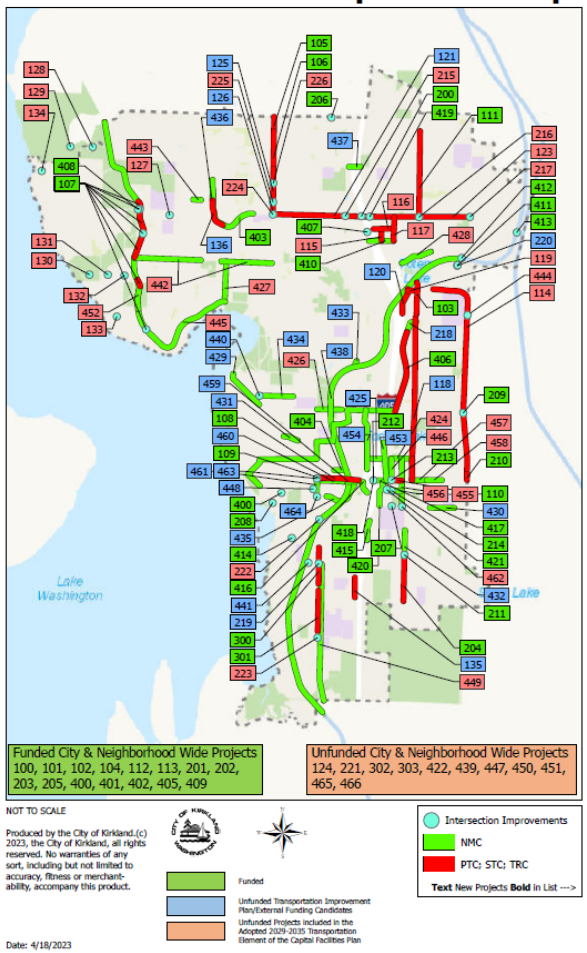
- Addresses all Components of City's Transportation System:
    - Sidewalks and Pedestrian Facilities
    - Bike Facilities
    - Safety
    - Capacity Improvements (signals, new roads)
    - Maintenance (paving, striping, sidewalk repair)
- TIP aligns with the Transportation Element of the 2023-2028 CIP

Transportation Improvement Program
2023 – 2028

- Mirrors Transportation Projects in the 2023 – 2028 CIP

Transportation Improvement Program (2023-2028)

EXHIBIT A



100. Annual Street Preservation Program (STC0060000)
101. Street Levy Street Preservation (STC0060300)
102. Local Road Maintenance (STC0060800)
103. 124th Avenue NE Roadway Improvements (North Section) Construction (STC0591300)
104. Annual Striping Program (STC0800000)
105. 100th Avenue NE Roadway Improvements (North Section) (STC0831300)
106. 100th Avenue NE Roadway Improvements (Mid-North Section) (STC0831400)
107. Juanita Drive Intersection And Safety Improvements (R6) (STC0890000)
108. NE 85th Street Ped/Bike Connection 114th Ave NE To 6th Street (STC1070000)
109. NE 85th St And 6th St Westbound Transit Queue Jump (STC1080000)
110. NE 85th Street Eastbound third Lane 120th Ave NE To 122nd Ave NE (STC1090000)
111. Preservation 124th Ave 132nd St To 144th St (STC1110000)
112. NE 85th St Station Area Transportation Implementation Plan (Design) (STC1130000)
113. Regional Inter-Agency Coordination (STC9999000)

114. 132nd Avenue NE Roadway Improvements (STC0560000)
115. 119th Avenue NE Roadway Extension (STC0610000)
116. NE 130th Street Roadway Extension (STC0620000)
117. 120th Avenue NE Roadway Improvements (STC0630000)
118. 124th Avenue NE Roadway Widening Improvements (South Section) (STC0640000)
119. NE 120th Street Roadway Extension (West Section) (STC0720000)
120. 120th Avenue NE Roadway Extension (STC0730000)
121. NE 132nd Street Roadway Improvements - Phase I (West Section) (STC0770000)
122. NE 132nd Street Roadway Improvements - Phase II (Mid Section) (STC0780000)
123. NE 132nd Street Roadway Improvements - Phase III (East Section) (STC0790000)
124. Totem Lake Area Development Opportunity Program (STC0810000)
125. 100th Avenue NE Roadway Improvement - Mid-South Section (STC0831500)
126. 100th Avenue NE Roadway Improvements - South Section (STC0831600)
127. Finn Hill Roadway Emergency Vehicle Access Connections (STC0860000)
128. Holmes Point DR NE Road Embankment Stabilization Location 1 (STC0940000)
129. Holmes Point DR NE Road Embankment Stabilization Location 2 (STC0950000)
130. Holmes Point DR NE Road Embankment Stabilization Location 3 (STC0960000)
131. Holmes Point DR NE Road Embankment Stabilization Location 4 (STC0970000)
132. Holmes Point DR NE Road Embankment Stabilization Location 5 (STC0980000)
133. Champagne Pt Road NE Embankment Stabilization (STC0990000)
134. 62nd Avenue NE Road Embankment Stabilization (STC1000000)
135. 114th Avenue NE Road Reconstruction (STC1010000)
136. 90th Avenue NE Road Surface Water Drainage Repair (STC1020000)
137. 124th Ave NE Roadway Widening: NE 85th St To NE 90th St. (STC1120000)

200. NE 132nd St/116th Way NE (I-405) Intersection Improvements (TRC0980000)
201. Annual Signal Maintenance Program (TRC1160000)
202. Citywide Traffic Management Safety Improvements (TRC1170000)
203. Vision Zero Safety Improvement (TRC1170200)
204. 122nd Ave NE Traffic Calming (TRC1170300)
205. Kirkland Intelligent Transportation System Phase 3 (TRC1200000)
206. NE 145th Street/Juanita-Woodinville Way NE Intersection Improvements (TRC1300000)
207. NE 80th Street/120th Avenue NE Intersection Improvements (TRC1310000)
208. Lake Street Pedestrian Plaza (TRC1370000)
209. NE 100 Street/132nd Avenue NE Intersection Improvements (TRC1380000)
210. NE 85th St/132nd Ave NE Dual Left Turn Lanes (TRC1390000)
211. 122nd Avenue NE At NE 70th Street Intersection Improvements (TRC1420000)
212. NE 85th Street (I-405) Intersection Improvements (TRC1430000)
213. Modifications To 85th/120th Intersection (SAP Scope 5A) (TRC1440000)
214. Lee Johnson East: NE 83Rd St/120th Ave NE Signalized Access (SAP Scope 1) (TRC1450000)

215. NE 132nd Street/Fire Station Access Drive Intersection Improvements (TRC0950000)
216. NE 132nd Street/124th Avenue NE Intersection Improvements (TRC0960000)
217. NE 132nd Street/132nd Ave NE Intersection Improvements (TRC0970000)
218. Slater Avenue NE Traffic Calming - Phase 1 (TRC1140000)
219. NE 68th Street Intersection Improvements/Access Management (TRC1170400)
220. Slater Avenue NE (132nd Avenue NE/NE 124th Street) Intersection Improvement (TRC1230000)
221. Kirkland Its Implementation Phase 4 (TRC1250000)
222. 6th Street S / 5th Place / Ckc Transit Signal Priority (TRC1280000)
223. NE 53Rd Street Intersection Improvements (TRC1290000)
224. 100th Avenue NE/NE 132nd Street Intersection Improvements (TRC1320000)
225. 100th Avenue NE/Juanita-Woodinville Way NE Intersection Improvements (TRC1330000)
226. 100th Avenue NE/NE 137th Street Intersection Improvements (TRC1340000)

300. 108th Avenue NE Transit Queue Jump - Phase 1 (PTC0040000)
301. 108th Avenue NE Transit Queue Jump - Phase 2 (PTC0050000)

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

400. Neighborhood Safety Program Improvements (NMC0062100)
401. Annual Sidewalk Maintenance Program (NMC0570000)
402. Safer Routes To School Action Plans Implementation (NMC0870000)
403. 131St Way/90th Ave Nonmotorized Improvements (Scope And Design Only) (NMC0872000)
404. 7th Avenue Sidewalk (NMC1010000)
405. Citywide Accessibility Improvements (NMC1101000)
406. Citywide Greenways Network - 'Stores To Shores' Greenway (NMC1130000)
407. 116th Avenue NE Crosswalk Improvements At Kingsgate Park And Ride (NMC1310000)
408. Trail Connection At Juanita Drive And NE 132nd St (NMC1320000)
409. Safer Routes To School And Active Transportation Plan Implementation (NMC1330000)
410. NE 128th Street Nonmotorized Improvements - 116th Ave To 120th Ave (NMC1340000)
411. NE 124th Street Slater Avenue Crossing Improvements (NMC1350000)
412. NE 132nd Street Slater Avenue Crossing Improvements (NMC1360000)
413. Willows Road At East Trail Nonmotorized Improvements (NMC1370000)
414. State Street At 7th Avenue S. Crosswalk Improvements (NMC1380000)
415. 116th Avenue NE Sidewalk Improvements - 73rd Street To 75th Place (NMC1390000)
416. I-405/NE 85th St Shared Use Trails To 116th Ave NE (SAP Scope 13A) (NMC1420000)
417. 85th St Enhanced Sidewalks And Multiuse Paths: I-405 To 120th Ave NE (Sap S (NMC1430000)
418. 85th Multimodal Improvements (Sap Scopes 18B, 18C, P2) (NMC1440000)
419. 116th Ped/Bike Access To I-405 Overcrossing (SAP Scope 19) (NMC1450000)
420. I-405 / NE 85th St Shared Use Trails (SE Corner) To NE 80th St (SAP Scope 1) (NMC1470000)
421. Lee Johnson South: NE 80th St/118th Ave NE (SAP Scope 2) (NMC1480000)

422. Crosswalk Upgrade Program (NMC0129900)
423. Cross Kirkland Corridor Opportunity Fund (NMC0241200)
424. NE 90th Street Sidewalk (Phase II) (NMC0260000)
425. NE 90th Street/I-405 Pedestrian/Bicycle Overpass (NMC0300000)
426. Crestwoods Park/CKC Corridor Ped/Bike Facility (NMC0310000)
427. 93rd Avenue NE Sidewalk (NMC0320000)
428. NE 126th Street Non-Motorized Facilities (NMC0430000)
429. 18th Avenue SW Sidewalk (NMC0460000)
430. NE 80th Street Sidewalk (NMC0500000)
431. 13th Avenue Sidewalk (NMC0540000)
432. 122nd Avenue NE Sidewalk (NMC0550000)
433. 111th Ave Non-motorized/emergency Access Connection (NMC0580000)
434. 19th Avenue Sidewalk (NMC0620000)
435. Kirkland Way Sidewalk (NMC0630000)
436. 90th Avenue NE Sidewalk (NMC0740000)
437. Juanita-Kingsgate Pedestrian Bridge At I-405 (NMC0800000)
438. Cross Kirkland Corridor (CKC) Non-motorized Improvements (NMC0860000)
439. CKC Roadway Crossings (NMC0863000)
440. 19th Ave NE/4th St Sidewalks And Crossing Of Market Street (NMC08710)
441. Reflective Flashing Beacon At 106th Ave NE Crossing NE 68th St
(NM
442. N
443. N
(NMC
444. Ped Cr 750)
445. Juanita Dri 100)
446. 120th Avenue NE S
447. Citywide CKC Connection (NMC1060000)
448. CKC To Downtown Surface Connection (NMC1070000)
449. 108th Avenue NE Bicycle Lanes Upgrade (NMC1110000)
450. Citywide Greenway Network (NMC1139900)
451. On-Street Bicycle Network Phase I (NMC1170000)
452. Juanita Drive Nonmotorized Improvements 79th Way NE To NE 120th St (NMC1270000)
453. I-405 / NE 85th Street Shared Use Trails (NE Corner) to Slater Ave NE (NMC1460000)
454. 116th Ave NE Complete Street (NE 87th St to NE 100th St) (NMC1490000)
455. 122nd Ave NE Bike Route (NE 80th St to NE 90th St) (NMC1500000)
456. Share Use Path (NE 120th Ave to NE 122nd Ave) at 83rd Street (NMC1510000)
457. NE 85th St Enhanced Sidewalks: 124th Ave NE to 126th Ave NE (NMC1520000)
458. NE 85th St Enhanced Sidewalks: 126th Ave NE to 128th Ave NE (NMC1530000)
459. Shared Use Trail Improvements, 5th Ave to Kirkland Way (NMC1540000)
460. 5th Ave Greenway: 6th Street to 10th Street (NMC1550000)
461. 6th Street Widened Sidewalks, Kirkland Way to NE 85th Street (NMC1560000)
462. NE 80th Street / 122nd Ave NE Intersection RRFB (NMC1570000)
463. 6th and NE 85th St Protected Intersection (NMC1580000)
464. 6th and Kirkland Way Protected Intersection (NMC1590000)
465. On-street Bicycle Network (NMC8888100)
466. Sidewalk Completion Program (NMC9999100)

Transportation Improvement Program
2023 – 2028

- A Required Six-Year Plan for Funded and Unfunded Projects

EXHIBIT B

Funding Sources

Project Title and Description

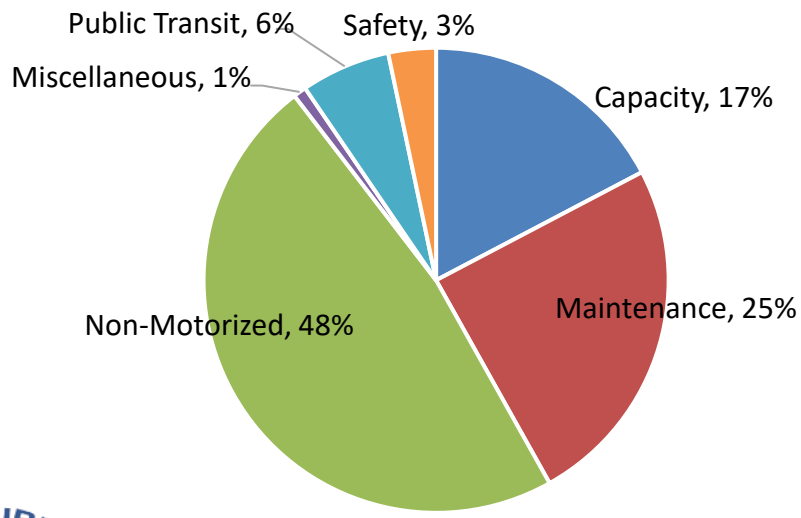
Projects listed in the 2021-2026 Update TIP are divided into categories represented by the following colo

Section I	Projects Included in the Adopted 2021-2026 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured
Section II	Unfunded Projects Included in the Adopted 2023-2035 Transportation Element of the Capital Facilities Plan (CFP)
Section III	Unfunded Transportation Improvement Plan/External Funding Candidates
Section IV	Potential Non-Motorized Projects Under Placeholders; Not Included in Totals

				2021-2026 Update Project Funding Categories ($000) Project Funding					
TIP Map No.	CIP #	Project Name	Project Description	Unsecured 2021-2026 Funding	Local* Funding	State Funding	Federal Funding	Total Funding	Total Cost
Projects Included in the Adopted 2021-2026 Capital Investment Program (CIP) Plan - Full or Partial Funding Secured									
100	ST 0006	Annual Street Preservation Program	Preservation of roadway system with various techniques including overlay, slurry seal, crack seal and others. The Public Works Department is responsible for approximately 245 miles of asphalt streets throughout the City. The annual program ensures maintenance of this infrastructure and reduces costly repairs resulting from total road failure. Project includes repair and resurfacing of streets and repair and replacement of adjoining damaged concrete curb, gutters and sidewalks as well as installing accessible curb ramps to meet the requirements of the Americans with Disabilities Act (ADA). Project complements project ST 0006 003.		9,450			9,450	9,450
101	ST 0006 003	Street Le	roved levy funded annual project to enhance preservation of roadway system as part of an ervation program. Project includes repair and resurfacing of streets and repair and t of adjoining damaged concrete curb, gutters and sidewalks as well as installing accessible to meet the requirements of the Americans with Disabilities Act (ADA). Project complements 0.		14,179			14,179	14,179
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	2,025
103	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	300

Transportation Improvement Program
2023 – 2028

- Funded Projects by Type



Item	Amount	Percentage
Capacity	$ 26,804,816	17%
Maintenance	$ 38,075,478	25%
Non-Motorized	$ 73,881,741	48%
Miscellaneous	$ 1,392,000	1%
Public Transit	$ 9,628,000	6%
Safety	$ 5,126,420	3%
Total	$ 154,908,455	100%

Transportation Improvement Program
2023 – 2028

Summary

- Hearing and Adoption on May 2
  (with any changes to be made after Hearing results)

- Transmit to:
  - State Department of Transportation
  - Puget Sound Regional Council
  - Neighboring Agencies
  - King County
  - Public Utilities

Transportation Improvement Program
2023 – 2028

Questions