

2017-22 CIP
Transportation Program
4/2016

2017-22 compared to 2015-20 CIP:

- Total funded program decreased by **\$10,548,200**
- Total unfunded program decreased by **\$11,559,000**
- Total Transportation program decreased by **\$22,107,200**

Inflation assumption: 4%

Changes from 2015-2020 Adopted CIP

Projects from 2015-2016 Dropping Off – A total of \$23,063,700 of project funding in 2015-2016 is dropping off from 2017-2022 as projects that are either completed or currently in progress. Major projects (2015-16 funding) include:

- **TR 0122** – Totem Lake Intersection Improvements, \$1,375,000, originally \$6,000,000 in 2016 with \$4,625,000 shifted to 2017 and no change in overall project appropriation
- **ST 0083 101** – 100th Avenue NE Roadway Design, \$3,209,200
- **ST 0070*** – 120th Ave NE/Totem Lake Plaza Roadway Improvements, \$3,000,000
- **TR 0099*** – 120th Ave/Totem Lake Way Intersection Improvements, \$2,845,500
- * Developer funded

Moved from Unfunded – A total of \$10,746,000 in projects was moved from unfunded. The corresponding adjustment to the unfunded projects total was a reduction of \$10,439,000 due to revised project costs as noted below:

- **ST 0077** – NE 132nd St Roadway Improvements – Phase I (West Section), project costs increased from \$1,348,000 to \$1,690,000 due to an updated cost estimate and a 2021 start date
- **ST 0078** – NE 132nd St Roadway Improvements – Phase I (Mid-Section), project costs increased from \$316,000 to \$431,000 due to an updated cost estimate and a 2021 start date
- **ST 0089** – Juanita Drive Improvements, \$6,600,000
- **PT 0002** – Public Transit Speed & Reliability Improvements, \$500,000
- **TR 0092** – NE 116th St/124th Ave NE Northbound Dual Left Turn Lanes, 1,375,000 with \$790,000 in TIB grant funding included
- **TR 0098** – NE 132nd St/116th Way NE (I-405) Intersection Improvements, \$300,000

Modified Projects – Project modifications decreased the funded CIP by \$571,400 due to updated cost estimates and changes in project scope.

Funded

- **NM 0089** – Lake Front Pedestrian and Bicycle Improvements, \$11,000 due to an updated cost estimate and to account for grant ineligible expenses (no change in City contribution)

- **NM 0090** – Juanita Drive Quick Wins, \$62,600 due to an updated cost estimate and to account for grant ineligible expenses (no change in City contribution)
- **NM 0090 001** – Juanita Drive Multi-Modal (On-Street) Improvements, \$25,000 due to an updated estimate
- **NM 0095** – 124th Avenue NE Sidewalk, \$650,000 due to increased project length and updated estimate
- **NM 0098** – Kirkland Way Sidewalk, (\$1,320,000) due to updated cost estimate and reduced project scope

Unfunded

- **NM 0080__** - Juanita-Kingsgate Pedestrian Bridge at I-405 project description modified with NE 140th Street at I-405 being identified as the preferred location. Project remains unfunded with no change in cost.
- **NM 8888 100** – On-Street Bicycle Network, (\$1,120,000) due to the creation of NM 0117 as Phase I of the On Street Bicycle Project. The addition of the new project reduced the unfunded portion by an equal amount

New Projects –The following projects, totaling \$1,220,000, were added as new funded projects:

- **NM 0012 004** – Central Way Crosswalk Upgrade, \$100,000
- **NM 0117** – On-Street Bicycle Network Phase I, \$1,120,000 corresponding to the reduction of the same amount to the unfunded NM 8888 100 project

Deleted Projects – No deleted unfunded projects

Annual Placeholder Projects – Net changes to annual program projects total \$1,773,000:

Dropping 15-16 funding and adding new years:

- **ST 0006 003** – Street Levy Street Preservation, \$293,000
- **ST 0080** – Annual Striping Program, \$250,000
- **NM 0006 100** – Street Levy-Safe School Walk Routes, \$150,000
- **TR 0116** – Annual Signal Maintenance Program, \$250,000
- **TR 0117 002** – Vision Zero Safety Improvement, \$50,000

Dropping 15-16 funding and **not** adding new years:

- **NM 0006 201** – Neighborhood Safety Program Improvements, (\$400,000) due to the end of Walkable Kirkland funding in 2021
- **NM 0087** – Citywide School Walk Route Enhancements, (\$400,000) due to the end of Walkable Kirkland funding in 2021

Adding new years:

- **NM 0110 001** – Citywide Accessibility Improvements, \$200,000
- **NM 0113 000** – Citywide Greenways Networks, \$500,000
- **TR 0117 000** – Citywide Traffic Management Safety Improvements, \$200,000
- **TR 0120 000** – Kirkland ITS Phase III, \$850,000

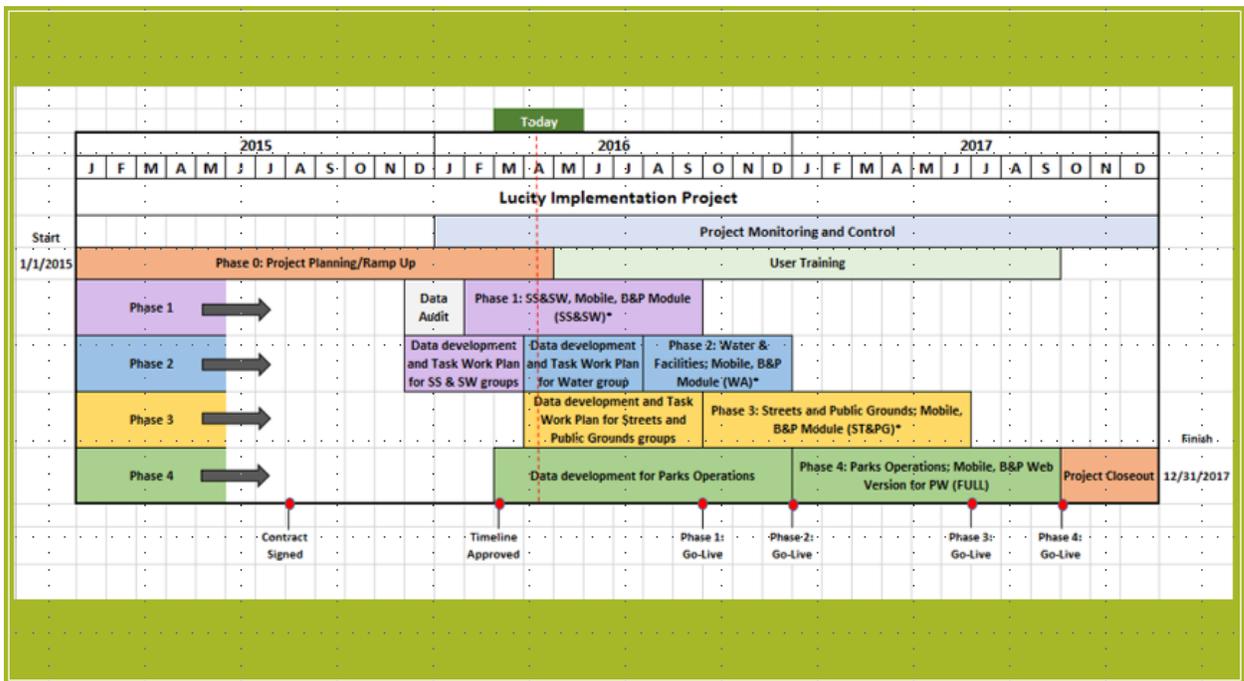
Other Project cost changes:

- **NM 0012** – Crosswalk Upgrade Program, (\$170,000) due to 2015 balance of \$70,000 dropping off and \$100,000 moving to NM 0012 004

Operating and Maintenance Impacts

- The upcoming implementation of the City’s new operation tracking software, Lucy, is now ramping up for Utilities and will be followed by Transportation. This tool will help create realistic M&O estimates for projects across public works and will be fully implemented by the end of 2017. In order to avoid duplicate efforts Public Works would like to revisit M&O estimates when the Lucy system is up and running.

Lucy Implementation Schedule:



Other policy issues

- King County acquisition of the remainder of the CKC – should NM 0024 301 remain or be repurposed?
- Possible King County Parks Levy funds in 2020, 2021 and 2022 if voters approve a levy renewal. If it is renewed, Park proposes spending the funds on NM 0109 for (non-CKC) trail connections to parks
- Walkable Kirkland is set to phase out after 2020 due to the end of the Annexation Sales Tax Credit in 2021.
- External funding highlights - The larger projects with unsecured external funding include:
 - **ST 0083 102** – 100th Avenue NE Roadway Improvements: \$7.9M in external need against a \$10.49 project total (75%)

- **ST 0089** – Juanita Drive Auto Improvements: \$5.3M external need against a \$6.6M project total (80%)
- **NM 0086 100** – NE 124th St/124th Ave NE Ped Bridge Design & Construction: \$6.4M external need against a \$12.86M project total (50%)
- **NM 0087** – Citywide School Walk Route Enhancements: \$1.15M external need against a \$3.18M project total (36%)
- **TR 0120** – Kirkland Intelligent Transportation System Phase 3: \$1.7M need against a \$2.2M project total (77%)
- Transportation Package additional gas tax uses:
 - **ST 0077** – NE 132nd St Roadway Improvements, \$200,000
 - **ST 0089** – Juanita Drive Auto Improvements, \$200,000
 - **NM 0095** – 124th Avenue NE Sidewalk Improvements, \$250,000
 - **NM 0098** – Kirkland Way Sidewalk Improvements, \$400,000
- How should unfunded projects in the TMP be adjusted as projects and funding moves into the new years on each CIP?
 - Capacity projects
 - Non-capacity projects
- The CMO is currently crafting an updated 1% for Art policy

A reconciliation table for the changes is on the next page.

		6-Year Funded CIP	Unfunded Future City Revenues	Unfunded External/ New Revenue	Total CIP
Adopted 2015-2020 Transportation CIP		102,884,100	182,595,500	187,663,500	473,143,100
<i>2015-2016 Projects not in 2017-2022 Horizon</i>					
ST 0070	120th Ave NE/Totem Lake Plaza Roadway Improvements	(3,000,000)			(3,000,000)
ST 0006 002	Annual Street Preservation Program One-time Project	(1,768,500)			(1,768,500)
ST 0083 101	100th Avenue NE Roadway Design	(3,209,200)			(3,209,200)
ST 0087	6th Street South Corridor Study	(150,000)			(150,000)
ST 0088	Arterial Streetlight LED Conversion	(900,000)			(900,000)
NM 0012 002	NE 124th Street Crosswalk Upgrade	(80,000)			(80,000)
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection	(2,154,000)			(2,154,000)
NM 0089	Lake Front Pedestrian and Bicycle Improvements	(1,000,000)			(1,000,000)
NM 0110	Citywide Accessibility Transition Plan	(50,000)			(50,000)
NM 0114	CKC Bridge Connecting to Houghton Shopping Center	(175,000)			(175,000)
NM 0115	CKC Emergent Projects Opportunity Fund	(100,000)			(100,000)
NM 0116	Rose Hill Pedestrian Path	(100,000)			(100,000)
PT 0001 100	Sound Transit 3 Project Study	(250,000)			(250,000)
TR 0099	120th Ave/Totem Lake Way Intersection Improvements	(2,845,500)			(2,845,500)
TR 0109	Totem Lake Plaza/Totem Lake Blvd Intersection Imprv.	(1,500,000)			(1,500,000)
TR 0110	Totem Lake Plaza/120th Ave NE Intersection Imprv.	(1,500,000)			(1,500,000)
TR 0117 001	Flashing Yellow Signal Head Safety Improvements	(50,000)			(50,000)
<i>2015-2016 Projects Continuing into 2017-2022</i>					
NM 0007	Cross Kirkland Corridor Connection-NE 52nd Street Sidewalk	(682,000)			(682,000)
NM 0086 100	NE 124th St/124th Ave NE Ped. Bridge (Totem Lake NM)	(750,000)			(750,000)
NM 0090	Juanita Drive 'Quick Wins'	(686,600)			(686,600)
NM 0095	124th Avenue NE Sidewalk Improvements	(420,000)			(420,000)
NM 0113 001	Citywide Greenways Network Project-NE 75th Street	(250,000)			(250,000)
TR 0122	Totem Lake Intersection Improvements	(1,375,000)			(1,375,000)
TR 0118	General Parking Lot Improvements	(720,000)			(720,000)
<i>Moved from Unfunded</i>					
ST 0077	NE 132nd St Rdwy Imprv.-Phase I (West Section)	1,690,000	(1,348,000)		342,000
ST 0078	NE 132nd St Rdwy Imprv.-Phase I (Mid Section)	431,000	(316,000)		115,000
ST 0089	Juanita Drive Improvements	6,600,000	(6,600,000)		-
PT 0002	Public Transit Speed and Reliability Imps	500,000	(500,000)		-
TR 0092	NE 116th St/124th Ave NE N-bound Dual Lft Turn Lanes	1,225,000	(1,375,000)		(150,000)
TR 0098	NE 132nd St/ 116th Way NE (I-405) Intersect'n Imp	300,000	(300,000)		-
<i>Modified</i>					
NM 0089	Lake Front Pedestrian and Bicycle Improvements	11,000			11,000
NM 0090	Juanita Drive Quick Wins	62,600			62,600
NM 0090 001	Juanita Drive Multi-Modal (On-Street) Improvements	25,000			25,000
NM 0095	124th Avenue NE Sidewalk	650,000			650,000
NM 8888 100	On-Street Bicycle Network		(1,120,000)		(1,120,000)
NM 0098	Kirkland Way Sidewalk	(1,320,000)			(1,320,000)
<i>New Projects</i>					
NM 0117 000	On-Street Bicycle Network Phase I	1,120,000			1,120,000
NM 0012 004	Central Way Crosswalk Upgrade	100,000			100,000
<i>Annual Placeholder Projects</i>					
ST 0006 003	Street Levy Street Preservation	293,000			293,000
ST 0080	Annual Striping Program	250,000			250,000
NM 0006 100	Street Levy-Safe School Walk Routes	150,000			150,000
NM 0006 201	Neighborhood Safety Program Improvements	(400,000)			(400,000)
NM 0012	Crosswalk Upgrade Program	(170,000)			(170,000)
NM 0087	Citywide School Walk Route Enhancements	(400,000)			(400,000)
NM 0110 001	Citywide Accessibility Improvements	200,000			200,000
NM 0113 000	Citywide Greenways Networks	500,000			500,000
TR 0116	Annual Signal Maintenance Program	250,000			250,000
TR 0117 000	Citywide Traffic Management Safety Improvements	200,000			200,000
TR 0117 002	Vision Zero Safety Improvement	50,000			50,000
TR 0120 000	Kirkland ITS Phase III	850,000			850,000
Subtotal Changes to Preliminary 2017-2022 Transportation CIP		(10,548,200)	(11,559,000)	-	(23,880,200)
Preliminary 2017-2022 Transportation CIP		92,335,900	171,036,500	187,663,500	449,262,900

Annual Funding Assumptions:

Dedicated Revenue (in thousands)	2017	2018	2019	2020	2021	2022	6-Year Total
Transportation							
Gas Tax	610	622	634	647	660	673	3,846
Trans Pkg Xtra Gas Tax	100	150	200	200	200	200	1,050
RGRL	270	270	270	270	270	270	1,620
REET 1	398	410	422	435	448	461	2,574
REET 2	1,205	1,242	1,279	1,318	1,358	1,399	7,801
Street Levy	2,626	2,652	2,679	2,706	2,733	2,760	16,156
Solid Waste	300	300	300	300	300	300	1,800
Trans Impact Fees	3,440	2,300	1,000	1,000	1,000	1,000	9,740
Walkable Kirkland	520	400	400	400	-	-	1,720
Park Impact Fees	-	860	-	-	-	-	860
King Co. Park Levy	-	300	300	*	*	*	600
Surface Water	500	500	500	500	500	500	3,000
Surf. Water Reserves	526	306	207	-	-	-	1,039
REET 1 Reserves	100	-	-	-	-	-	100
REET 2 Reserves	1,058	1,579	480	480	480	480	4,557
External	13,132	4,403	4,590	5,892	3,757	4,099	35,873
Subtotal Total	24,785	16,294	13,261	14,148	11,706	12,142	92,336

* Policy decision - should funding from a potential levy renewal be assumed?