

# Transportation

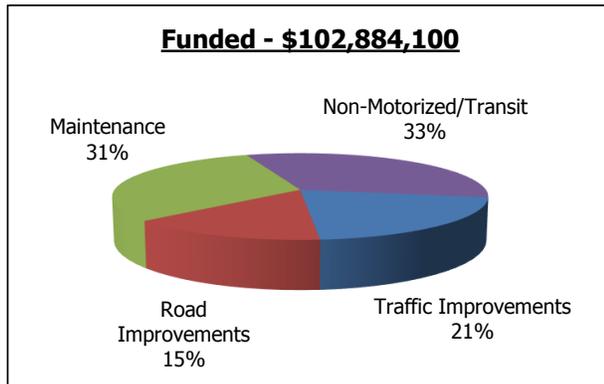
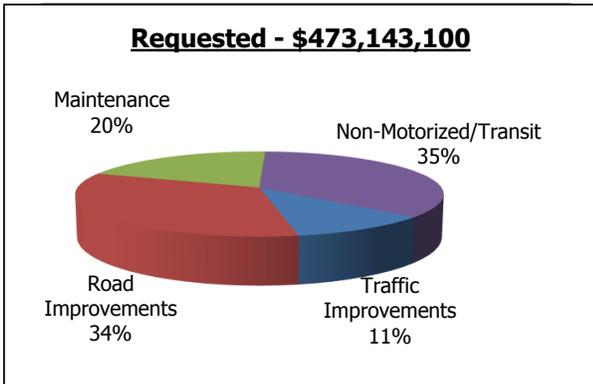


## Capital Improvement Program

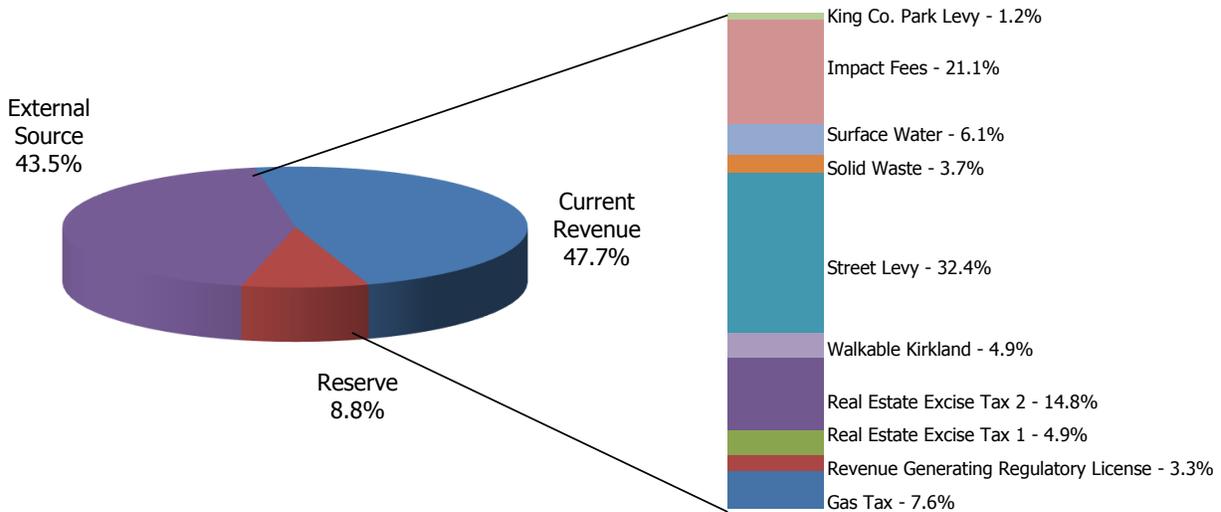
---

# Transportation

Streets, Non-Motorized and Traffic Improvements



## Funding Sources



## Transportation Funding - \$102,884,100

### Average Annual Current Revenues

- Gas Tax - \$619,167
- Revenue Generating Regulatory License - \$270,000
- Real Estate Excise Tax 1 - \$404,333
- Real Estate Excise Tax 2 - \$1,213,933
- Street Levy - \$2,643,833
- Solid Waste - \$300,000
- Surface Water - \$500,000
- Impact Fees - \$1,726,667
- Walkable Kirkland - \$400,000
- King Co. Park Levy - \$100,000
- Total Average Annual Revenue - \$8,177,933**

**City of Kirkland  
2015-2020 Capital Improvement Program**

**TRANSPORTATION PROJECTS**

**Funded Projects:**

Project Number	Project Title	Prior Year(s)	2015	2016	2017	2018	2019	2020	2015-2020 Total	Funding Sources					
										Current Revenue	Steet Levy	Impact Fees	Walkable Kirkland	Reserve	External/Pending Source
ST 0006	Annual Street Preservation Program		1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	10,500,000	10,444,000				56,000	
ST 0006 002	Annual Street Preservation Program-One-time Project	200,500	1,768,500						1,768,500					847,000	921,500
ST 0006 003	Street Levy Street Preservation		2,300,000	2,300,000	2,326,000	2,352,000	2,379,000	2,406,000	14,063,000		14,063,000				
ST 0070+#	120th Ave NE/Totem Lake Plaza Roadway Improvements			3,000,000					3,000,000						3,000,000
ST 0080	Annual Striping Program		350,000	400,000	400,000	500,000	500,000	500,000	2,650,000	2,650,000					
ST 0083 101	100th Avenue NE Roadway Design		1,065,200	2,144,000					3,209,200	45,000		544,200			2,620,000
ST 0083 102	100th Avenue NE Roadway Improvements						5,000,000	5,485,000	10,485,000	607,000		1,375,000	80,000	56,000	8,367,000
ST 0087	6th Street South Corridor Study		150,000						150,000	150,000					
ST 0088	Arterial Streetlight LED Conversion			900,000					900,000					900,000	
ST 9999	Regional Inter-Agency Coordination		82,000	82,000	82,000	82,000	82,000	82,000	492,000	492,000					
NM 0006 100	Street Levy-Safe School Walk Routes		150,000						150,000		150,000				
NM 0006 200	Street Levy-Pedestrian Safety		150,000	150,000	150,000	150,000	150,000	150,000	900,000		900,000				
NM 0006 201	Neighborhood Safety Program Improvements		200,000	200,000	200,000	200,000	200,000	200,000	1,200,000				1,200,000		
NM 0007+#	Cross Kirkland Corridor Connection-NE 52nd Street Sidewalk			682,000	454,900				1,136,900					100,000	1,036,900
NM 0012	Crosswalk Upgrade Program		70,000				50,000	50,000	170,000	170,000					
NM 0012 001	NE 116th Street Crosswalk Upgrade				200,000	230,000			430,000	394,000			36,000		
NM 0012 002	NE 124th Street Crosswalk Upgrade			80,000					80,000	-				80,000	
NM 0012 003	132nd Avenue NE Crosswalk Upgrade					250,000			250,000	250,000					
NM 0024 301	King County Eastside Rail Acquisition in North Kirkland					300,000		300,000	600,000	600,000					
NM 0057	Annual Sidewalk Maintenance Program			200,000				200,000	800,000	732,600				67,400	
NM 0084	South Kirkland TOD/CKC Multi-Modal Connection	246,000	2,021,400	132,600					2,154,000	25,400				924,600	1,204,000
NM 0086 100	NE 124th St/124th Ave NE Ped. Bridge (Totem Lake Non-Motorized)			750,000	4,810,000	7,300,000			12,860,000	1,401,000		4,017,900	90,800	93,100	7,257,200
NM 0087+#	Citywide School Walk Route Enhancements			1,000,000	864,200	869,000		450,000	3,583,200	363,000	450,000		348,200	1,572,000	850,000
NM 0087 001	North Kirkland/JFK School Walk Route Enhancements							500,000	1,000,000	14,600	300,000		100,000		585,400
NM 0089+#	Lake Front Pedestrian and Bicycle Improvements		106,400	893,600					1,000,000		11,000				989,000
NM 0090+#	Juanita Drive 'Quick Wins'		200,800	485,800	663,400				1,350,000		62,600				1,287,400
NM 0090 001+#	Juanita Drive Multi-Modal (On-Street) Improvements							500,000	500,000	75,000		225,000		200,000	
NM 0092	Active Transportation Plan Update				75,000				75,000	75,000					
NM 0095	124th Avenue NE Sidewalk Improvements			420,000	630,000				1,050,000	578,620		41,780	200,000	229,600	
NM 0098	Kirkland Way Sidewalk Improvements					2,120,000			2,120,000	420,000				500,800	1,199,200
NM 0109	Citywide Trail Connections (Non-CKC)								275,000	275,000			275,000		
NM 0109 001	Finn Hill Connections					250,000			250,000			125,000	125,000		
NM 0109 002	Lake Front Promenade Design Study								75,000	75,000					
NM 0110	Citywide Accessibility Transition Plan			50,000					50,000					50,000	
NM 0110 001	Citywide Accessibility Improvements					100,000	100,000	100,000	300,000	100,000			100,000	100,000	
NM 0113	Citywide Greenways Networks								250,000	-		125,000	-	125,000	
NM 0113 001	Citywide Greenways Network Project-NE 75th Street			250,000	250,000				500,000	50,000		407,500	-	42,500	
NM 0113 002	Citywide Greenways Network Project-128th Avenue NE					400,000	400,000		800,000	182,000			70,000	98,000	450,000
NM 0114	CKC Bridge Connecting to Houghton Shopping Center		175,000						175,000					175,000	
NM 0115	CKC Emergent Projects Opportunity Fund			100,000					100,000					100,000	
NM 0116	Rose Hill Pedestrian Path		100,000						100,000					100,000	
PT 0001 000	Citywide Transit Study		-		300,000				300,000	150,000		150,000		-	
PT 0001 100	Sound Transit 3 Project Study		250,000						250,000	-		-		250,000	
TR 0079 001#	NE 85th St/114th Ave Intersection Improvements Phase II				1,800,000				1,800,000	-				-	1,800,000
TR 0082+#	Central Way/Park Place Center Traffic Signal				200,000				200,000	-				-	200,000
TR 0099+#	120th Ave/Totem Lake Way Intersection Improvements			2,845,500					2,845,500	-				-	2,845,500
TR 0100 100+#	6th Street & Central Way Intersection Improvements Phase 2				1,866,800				1,866,800	-				-	1,866,800
TR 0103+#	Central Way/4th Street Intersection Improvements				31,000				31,000	-				-	31,000
TR 0104+#	6th Street/4th Ave Intersection Improvements				580,000				580,000	-				-	580,000
TR 0105+#	Central Way/5th Street Intersection Improvements				564,000				564,000	-				-	564,000
TR 0109+#	Totem Lake Plaza/Totem Lake Blvd Intersection Imprv.			1,500,000					1,500,000	-				-	1,500,000
TR 0110+#	Totem Lake Plaza/120th Ave NE Intersection Imprv.			1,500,000					1,500,000	-				-	1,500,000
TR 0116	Annual Signal Maintenance Program			150,000	150,000	150,000	200,000	200,000	850,000	200,000				650,000	
TR 0117	Citywide Traffic Management Safety Improvements				100,000	100,000	100,000	100,000	400,000	-				400,000	
TR 0117 001	Flashing Yellow Signal Head Safety Improvements			50,000					50,000	-				50,000	
TR 0117 002	Vision Zero Safety Improvement			50,000	50,000	50,000	50,000	50,000	250,000	50,000				200,000	
TR 0117 003	Neighborhood Traffic Control			50,000					150,000	34,000				116,000	
TR 0118	General Parking Lot Improvements			720,000	100,000				820,000	-				820,000	
TR 0119	Kirkland Citywide Intelligent Transportation System Study				75,000				75,000	35,000				40,000	
TR 0120	Kirkland Intelligent Transportation System Phase 3					450,000	450,000	450,000	1,350,000	81,400			50,000	85,000	1,133,600
TR 0122	Totem Lake Intersection Improvements			6,000,000					6,000,000	-		3,000,000		-	3,000,000
<b>Total Funded Transportation Projects</b>		<b>446,500</b>	<b>11,089,300</b>	<b>28,835,500</b>	<b>18,672,300</b>	<b>17,653,000</b>	<b>12,861,000</b>	<b>13,773,000</b>	<b>102,884,100</b>	<b>20,444,620</b>	<b>15,863,000</b>	<b>10,359,980</b>	<b>2,400,000</b>	<b>9,028,000</b>	<b>44,788,500</b>

Notes  
*Italics* = Modification in timing and/or cost (see Project Modification/Deletion Schedule for more detail)  
**Bold** = New projects  
+ = Moved from unfunded status to funded status  
" = Moved from funded status to unfunded status  
# = Projects to be funded with development-related revenues

**TRANSPORTATION PROJECTS**

**Unfunded Projects in the Capital Facilities Plan Years 7-20**

Project Number	Project Title	Total
ST 0059	124th Ave NE Roadway Improvements (North Section)	10,000,000
ST 0063	120th Avenue NE Roadway Improvements	4,500,000
ST 0072	NE 120th Street Roadway Improvements (West Section)	15,780,600
ST 0077	NE 132nd St Rdwy Imprv.-Phase I (West Section)	1,348,000
ST 0078	NE 132nd St Rdwy Imprv.-Phase II (Mid Section)	316,000
ST 0079	NE 132nd St Rdwy Imprv.-Phase III (East Section)	1,119,000
ST 0081	Totem Lake Area Development Opportunity Program	500,000
ST 0089	Juanita Drive Auto Improvements	6,600,000
PT 0002	Public Transit Speed and Reliability Improvements	500,000
NM 0012 999	Crosswalk Upgrade Program	4,100,000
NM 0086-003	CKC Roadway Crossings	3,370,100
NM 0090-100	Juanita Drive Bicycle and Pedestrian Improvements	10,650,000
NM 0113 999	Citywide Greenway Network	4,450,000
NM 8888 100~	On-street Bicycle Network	4,400,000
NM 9999 100~	Sidewalk Completion Program	6,096,800
PT 0003	Public Transit Passenger Environment Improvements	500,000
TR 0091	NE 124th St/124th Ave NE Intersection Improvements	1,598,000
TR 0092	NE 116th St/124th Ave NE N-bound Dual Lft Turn Lanes	1,375,000
TR 0093	NE 132nd St/Juanita H.S. Access Rd Intersect'n Imp	916,000
TR 0094	NE 132nd St/108th Avenue NE Intersect'n Imp	618,000
TR 0095	NE 132nd St/Fire Stn Access Dr Intersect'n Imp	366,000
TR 0096 <sup>a</sup>	NE 132nd St/124th Ave NE Intersect'n Imp	5,713,000
TR 0097	NE 132nd St/132nd Ave NE Intersect'n Imp	889,000
TR 0098 <sup>+</sup>	NE 132nd St/ 116th Way NE (I-405) Intersect'n Imp	300,000
TR 0125	Kirkland ITS Implementation Phase 4	2,620,000
<b>Capacity Projects Subtotal</b>		<b>88,625,500</b>
ST 0006 ^	Annual Street Preservation Program	26,250,000
ST 0006 003 ^	Street Levy Street Preservation	36,000,000
ST 0080 ^	Annual Striping Program	7,500,000
ST 9999 ^	Regional Inter-Agency Coordination	1,230,000
NM 0006 201 ^	Neighborhood Safety Program Improvements	3,000,000
NM 0057 ^	Annual Sidewalk Maintenance Program	3,000,000
TR 0116 ^	Annual Signal Maintenance Program	3,000,000
TR 0117 ^	Citywide Traffic Management Safety Improvements	1,500,000
TR 0117 002	Vision Zero Safety Improvement	750,000
TR 0117 003	Neighborhood Traffic Control	375,000
<b>Non-Capacity Projects Subtotal</b>		<b>82,605,000</b>
<b>Total Transportation Master Plan Projects Yrs 7-20</b>		<b>171,230,500</b>

**Unfunded Projects in the Capital Facilities Plan Years 7-20 and Transportation Improvement Plan**

NM 0024 201	Cross Kirkland Corridor Opportunity Fund	500,000
NM 0031	Crestwoods Park/CKC Corridor Ped/Bike Facility	2,505,000
NM 0080	Juanita-Kingsgate Pedestrian Bridge at I-405	4,500,000
NM 0081	CKC to Redmond Central Connector	1,500,000
NM 0106	Citywide CKC Connection	360,000
NM 0107	CKC to Downtown Surface Connection	2,000,000
<b>Capital Facilities Projects Not in TMP Subtotal</b>		<b>11,365,000</b>

**Unfunded Transportation Improvement Plan/External Funding Candidates**

Project Number	Project Title	Total
ST 0056	132nd Avenue NE Roadway Improvements	25,170,000
ST 0060	118th Avenue NE Roadway Extension	6,440,000
ST 0061	119th Avenue NE Roadway Extension	5,640,000
ST 0062	NE 130th Street Roadway Improvements	10,000,000
ST 0064	124th Avenue NE Roadway Extension	30,349,000
ST 0073	120th Avenue NE Roadway Extension	16,392,000
ST 0086	Finn Hill Emergency Vehicle Access Connection	900,000
NM 0030	NE 90th Street/I-405 Pedestrian/Bicycle Overpass	3,740,700
NM 0032	93rd Avenue Sidewalk	1,047,900
NM 0043	NE 126th St Nonmotorized Facilities	4,277,200
NM 0046	18th Avenue SW Sidewalk	2,255,000
NM 0050	NE 80th Street Sidewalk	859,700
NM 0054	13th Avenue Sidewalk	446,700
NM 0055	122nd Ave NE Sidewalk	866,700
NM 0058	111th Avenue Non-Motorized/Emergency Access Connection	2,000,000
NM 0062	19th Avenue Sidewalk	814,200
NM 0074	90th Ave NE Sidewalk	353,400
NM 0086	Cross Kirkland Corridor Non-motorized Improvements	65,742,000
TR 0067	Kirkland Way/CKC Bridge Abutment/Intersection Imprv	6,917,000
TR 0114	Slater Avenue NE Traffic Calming - Phase I	247,000
TR 0123	Slater Avenue NE (132nd Avenue NE)/NE 124th Street	2,124,000
TR 0124	116th Avenue NE/NE 124th Street Intersection Improvements	1,081,000
<b>Subtotal Unfunded Transportation Improvement Plan /External Funding Candid</b>		<b>187,663,500</b>
<b>Grand Total Unfunded Transportation Projects</b>		<b>370,259,000</b>

**Notes**

*Italics = Modification in timing and/or cost*

**Bold = New projects**

+ = Moved from unfunded status to funded status

" = Moved from funded status to unfunded status

# = Projects to be funded with development-related revenues

<sup>a</sup>=Future, unfunded portion of projects funded in years 1-6

<sup>~</sup>= Annual Programs with Candidate projects

**Potential Non-Motorized Projects Under Placeholders; Not Included in Totals**

Project Number	Project Title	Total
<b>**NM 8888 100 On-Street Bicycle Network Candidate Projects:</b>		
NM 0001	116th Ave NE (So. Sect.) Non-Motorz'd Facili-Phase II	3,378,000
NM 0036	NE 100th Street Bike lane	1,644,300
<b>NM 9999 100 Sidewalk Completion Program Candidate Projects:</b>		
NM 0026	NE 90th Street Sidewalk (Phase II)	706,200
NM 0037	130th Avenue NE Sidewalk	833,600
NM 0045	NE 95th Street Sidewalk (Highlands)	571,500
NM 0047	116th Avenue NE Sidewalk (South Rose Hill)	840,000
NM 0048	NE 60th Street Sidewalk	500,000
NM 0049	112th Ave NE Sidewalk	527,600
NM 0061	NE 104th Street Sidewalk	1,085,000
NM 0063	Kirkland Way Sidewalk	414,500
NM 0071	NE 132nd Street Sidewalk Improvement	363,000
NM 0072	NE 132nd Street Sidewalk at Finn Hill Middle School	840,000
NM 0075	84th Ave NE Sidewalk	4,052,800
NM 0076	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 1	1,131,000
NM 0077	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - N	1,185,000
NM 0078	NE 140th St Sidewalk - Keller Elem Walk Rt Enhan. - S	747,000
NM 0079	NE 140th St Sidewalk - Muir Elem Walk Rt Enhan. Phase 2	648,000
NM 0088	NE 124th Street Sidewalk	376,000
NM 0097	132nd NE Sidewalk	732,000
NM 0101	7th Avenue Sidewalk	208,000
NM 0102	NE 120th Street Sidewalk	548,000
NM 0103	120th Avenue NE Sidewalk	556,000
NM 0104	NE 122nd Place/NE 123rd Street Sidewalk	1,294,000
NM 0105	120th Avenue NE Sidewalk	812,000

**CITY OF KIRKLAND  
2015-2020 CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY**

**TRANSPORTATION - Street**

**ST 0006 000 ANNUAL STREET PRESERVATION PROGRAM**

City-wide

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 levy-funded project ST 0006 003.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$10,500,000	\$0	\$10,500,000

**ST 0006 002 ANNUAL STREET PRESERVATION PROGRAM, ONE TIME PROJECT**

North Rose Hill

The grind, patch, modification of wheelchair ramps and overlay of NE 85th Street, formerly State Route (SR) 908 at the conclusion of intersection, roadway and other improvements associated with CIP projects NM 0051, ST 0075, TR 0078, and TR 0080. Funds became available through the Washington State Department of Transportation (WSDOT) as a result of the recent jurisdictional transfer of SR 908 from WSDOT to the City of Kirkland.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2013	\$200,500	\$1,768,500	\$0	\$1,969,000

**ST 0006 003 STREET LEVY STREET PRESERVATION PROJECT**

City-wide

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 ST 0006 000.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2013	\$0	\$14,063,000	\$0	\$14,063,000

**ST 0006 004 ANNUAL STREET PRESERVATION, CENTRAL WAY**

Moss Bay

The grind, patch, modification of wheelchair ramps and overlay of Central Way.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$221,300	\$0	\$221,300

**ST 0070 000 120TH AVENUE NE/TOTEM LAKE PLAZA ROADWAY IMPROVEMENTS**

Totem Lake

20th Avenue NE currently separates the upper and lower Totem Lake Mall campus providing access to Evergreen Hospital and is the more heavily used of the two major north/south arterials through Totem Center. Roadway improvements planned on 120th Ave NE include treatments such as landscaping, reconstruction of the street alignment and on-street parking, all of which will improve pedestrian comfort and safety and eliminate vehicular conflicts using the numerous driveways along the corridor. In addition to traffic calming measures, new pedestrian facilities will be installed along the west side of the roadway and a new signal will be constructed at the intersection of the new Totem Lake Plaza.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$3,000,000	\$0	\$3,000,000

**ST 0080 000 ANNUAL STRIPING PROGRAM**

City-wide

Annual program to maintain markings that identify travel lanes, crosswalks, and other guidance markings for auto, pedestrian, bicycle, transit and other forms of transportation. The program will result in the restriping of more than 40 miles of collector and arterial streets throughout the City.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$2,650,000	\$0	\$2,650,000

**ST 0083 101 100TH AVENUE NE ROADWAY DESIGN**

North Juanita

The design of 100th Ave NE to address roadway improvements for the current 5-lane to 2-lane transition. The design will provide for bicycle lanes, center turn lane where appropriate, sidewalks, curb and gutter, traffic signal and illumination improvements and storm drainage system upgrades, including a possible new fish-passable culvert at the crossing of a Juanita Creek tributary. The project builds off of the previously completed 100th Ave NE Corridor Study and the NE 132nd Street Study as the corridor provides a regional link between Kirkland and cities to the north. The design phase will benefit from full-scale public outreach and stakeholder input. The final product will be a phaseable and grant ready project design.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$3,209,200	\$0	\$3,209,200

**ST 0083 102 100TH AVENUE NE ROADWAY IMPROVEMENTS**

North Juanita

A placeholder for the construction of 100th Ave NE to address roadway improvements for 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 planned funding for implementing at least a portion of the 2016 completed design. The ultimate project will, at a minimum, provide for bicycle lanes, a center turn lane where appropriate, sidewalks, curb and gutter, traffic signal and illumination improvements and storm drainage system upgrades. The project may also provide for a new fish passable culvert at the crossing of a Juanita Creek tributary if deemed necessary. The current budget does not include an amount for property acquisition as a property needs determination, if any, will be made during the design phase.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2019	\$0	\$10,485,000	\$0	\$10,485,000

**ST 0087 000 6TH STREET SOUTH /HOUGHTON BUSINESS DISTRICT CORRIDOR STUDY**

Central Hought

A corridor study/master plan to guide future capital improvement construction phases for the 6th Street South corridor, in conjunction with the Everest and Central Houghton Commercial Center updates. The purpose of the study is to evaluate existing conditions and recommend a prioritized set of improvements for the corridor. Goals for the corridor will be consistent with established City goals and policies. A substantial public involvement process will be integral to the development of the study's end product. Improvements will be focused on: transit, bicycle and pedestrian facilities, safety, drainage, signing, marking, lighting, and geometric conditions at intersections.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$150,000	\$0	\$150,000

**ST 0088 000 ARTERIAL STREET LIGHT LED CONVERSION**

City-wide

A conversion from sodium vapor and other non-efficient lighting-bulb types to light-emitting diode (LED) light fixtures for street lights within the public right-of-way, city-wide. LED lamps can perform at the same lighting level as other types of lamps but use less energy. Saving in energy costs will pay for the capital cost of replacement in approximately 12 years.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$900,000	\$0	\$900,000

**ST 9999 000 REGIONAL INTER-AGENCY COORDINATION**

City-wide

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.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$492,000	\$0	\$492,000

**CITY OF KIRKLAND  
2015-2020 CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY**

**TRANSPORTATION - Non-Motorized**

**NM 0006 100 STREET LEVY - SAFE ROUTES TO SCHOOLS**

City-wide A fund to leverage State and Federal grant funding to improve school walk routes near Kirkland elementary and middle schools.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2013	\$0	\$150,000	\$0	\$150,000

**NM 0006 200 STREETS LEVY - PEDESTRIAN SAFETY**

City-wide 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.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2013	\$0	\$900,000	\$0	\$900,000

**NM 0006 201 NEIGHBORHOOD SAFETY PROGRAM IMPROVEMENTS**

City-wide The Program under City Council's Walkable Kirkland Initiative for completing a number of neighborhood projects citywide under \$50,000. Project categories include: Bicycle Facilities, Crosswalk, Intersection Improvements, Traffic Calming, Walkway/Sidewalk and Trails, and Street Lights. Program improvements are restricted to City property including streets, parks, community facilities, and the Cross Kirkland Corridor.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$1,200,000	\$0	\$1,200,000

**NM 0007 000 CROSS KIRKLAND CORRIDOR - NE 52ND STREET SIDEWALK**

Central Hought Widening and minor realignment of NE 52nd Street west of Cross Kirkland Corridor; the installation of concrete retaining wall and concrete curb, gutter and sidewalk along the north side. The existing storm drainage system will be completed and improvements will be made to the street crossing at the Cross Kirkland Corridor. NE 52nd Street provides the only east/west access between 108th Avenue NE and Lake Washington Boulevard and NE 68th Street to NE 38th Street. Various developments have completed approximately 20% of the improvements, but pedestrians must use the pavement and some sections of shoulder for travel.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$1,136,900	\$0	\$1,136,900

**NM 0012 000 CROSSWALK UPGRADE PROGRAM**

City-wide Install crosswalk improvements at various locations throughout the City. Improvements will include upgrades to existing crossing facilities or construction of new facilities.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$170,000	\$0	\$170,000

**NM 0012 001 NE 116TH STREET CROSSWALK UPGRADE**

South Juanita Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands with community input through the City's Comprehensive Plan process. The Active Transportation Plan and Transportation Master Plan identified the need for improved pedestrian crossing in the City's pedestrian system.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$430,000	\$0	\$430,000

**NM 0012 002 NE 124TH STREET CROSSWALK UPGRADE**

South Juanita A project to make improvements such as added signal heads, modified left-turn phasing (assume not changing mast arms) and other improvements to address pedestrian safety issues.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$80,000	\$0	\$80,000

**NM 0012 003 132ND AVENUE NE CROSSWALK UPGRADE**

Kingsgate Crosswalk improvements such as pedestrian flashing beacons (RRFB's), improved lighting, or traffic islands with community input through the City's Comprehensive Plan process. The Active Transportation Plan and Transportation Master Plan identified the need for improved pedestrian crossings in the City's pedestrian system.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$250,000	\$0	\$250,000

**NM 0024 301 KING COUNTY EASTSIDE RAIL ACQUISITION IN NORTH KIRKLAND**

Totem Lake The Cross Kirkland Corridor (CKC) currently ends at 132nd Avenue approximately 1.3 miles south of the Kirkland city limits. This project will acquire the portion of Eastside Rail Corridor that is within the city limits but is not currently owned by the City. This will allow Kirkland to own and maintain the CKC within the city limits, proceed with trail development and make the corridor more accessible to Kirkland residents.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$600,000	\$0	\$600,000

**NM 0057 000 ANNUAL SIDEWALK MAINTENANCE PROGRAM**

City-wide Preservation of sidewalk system. The Public Works Department is responsible for the maintenance of numerous miles of sidewalk. The annual program ensures maintenance of this infrastructure and reduces costly repairs resulting from total failure.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
Ongoing	\$0	\$800,000	\$0	\$800,000

**NM 0084 000 SOUTH KIRKLAND TOD/CKC MULTI-MODAL CONNECTION**

Lakeview A project to study, design and construct an elevator stair tower and covered pedestrian bridge between the new parking garage at the South Kirkland Transit Center and the Cross Kirkland Corridor (CKC). An elevation differences of 30-60 feet between the new public parking garage and the Cross Kirkland Corridor prevents easy access between these two facilities. During development of the garage, limited provisions were made to accommodate a future multi-modal connection between the garage and the CKC.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2014	\$246,000	\$2,154,000	\$0	\$2,400,000

**NM 0086 100 NE 124TH ST/124TH AVE NE PEDESTRIAN BRIDGE (TOTEM LAKE NON-MOTORIZED)**

Totem Lake The planning, design and construction of a pedestrian and bicycle bridge along the Cross Kirkland Corridor (CKC) at NE 124th Street and 124th Avenue NE/Totem Lake Blvd. Design is to be consistent with the CKC Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$12,860,000	\$0	\$12,860,000

**NM 0087 000 CITYWIDE SCHOOL WALK ROUTE ENHANCEMENTS**

City-wide 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 available on a project by project basis. Staff is currently working with the Lake Washington School District to develop an updated list of walk routes.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$3,583,200	\$13,216,800	\$16,800,000

**NM 0087 001 NORTH KIRKLAND/JFK SCHOOL WALK ROUTE ENHANCEMENTS**

Kingsgate

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 in the North Kirkland, Juanita, Finn Hill, and Kingsgate (JFK) neighborhoods. Project is expected to be completed using a combination of project phases and multi-schedule construction. Staff is currently working with the Lake Washington School District to develop an updated list of walk routes.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$1,000,000	\$0	\$1,000,000

**NM 0089 000 LAKE FRONT PEDESTRIAN AND BICYCLE IMPROVEMENTS**

Moss Bay

Install 32 curb ramps to meet ADA requirements; lighting improvements at 12 crosswalks; Install pedestrian flashing beacons (RRFB's) on Market Street at 4th Avenue and Central Way crossings; Add bike boxes and/or other bike related marking improvements and signage on Lake Washington Blvd and Market Street; add buffered bike lane on 98th Avenue NE from Forbes Creek to NE 116th Street.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$1,000,000	\$0	\$1,000,000

**NM 0090 000 JUANITA DRIVE 'QUICK WINS'**

Finn Hill

Improve safety for bicycles and pedestrians through elements including: separated pedestrian walkway and buffered bicycle lane; installation of pedestrian flashing beacons (RRFB's) at key locations; improved lighting, signing and markings. Intersection channelization improvements are also included. This project will convert a corridor that is auto-oriented into a shared auto/active transportation corridor.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$1,350,000	\$0	\$1,350,000

**NM 0090 001 JUANITA DRIVE MULTI-MODAL (ON STREET) IMPROVEMENTS**

Finn Hill

Construct flashing crosswalk and improve the sidewalk on the west side of the road at the NE 124th Street intersection. Add south-bound left turn pocket, pedestrian crossing and improve walkway at the NE 132nd Street intersection.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2020	\$0	\$500,000	\$0	\$500,000

**NM 0092 000 ACTIVE TRANSPORTATION PLAN UPDATE**

City-wide

An update to the Active Transportation Plan to incorporate new neighborhoods and to specify detailed projects and guidelines for pedestrian and bicycle needs. Include a trail plan coordinated with plans in the Park Recreation and Open Space Plan. Builds from policy guidance set in Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$75,000	\$0	\$75,000

**NM 0095 000 124TH AVENUE NE SIDEWALK**

North Rose Hill

Provides for the design and construction of 1,800 feet of new concrete sidewalks, curb and gutter, walls and drainage improvements for providing a continuous sidewalk along the west side of 124th Ave NE. Prioritization of project is consistent with the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$1,050,000	\$0	\$1,050,000

**NM 0098 000 KIRKLAND WAY SIDEWALK**

Moss Bay

Construct sidewalk on Kirkland Way to fill in missing segments in support of completing connections to the Cross Kirkland Corridor (CKC).

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$2,120,000	\$0	\$2,120,000

**NM 0109 000 CITY-WIDE TRAIL CONNECTIONS (NON-CKC)**

City-wide

Provides for the construction of trails other than the Cross Kirkland Corridor (CKC). Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, walls, lighting, pavement marking and drainage improvements. Property acquisition will often be needed. Trail connections should be coordinated with plans in the Park Recreation and Open Space Plan. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2020	\$0	\$275,000	\$0	\$275,000

**NM 0109 001 FINN HILL TRAIL CONNECTIONS (NON-CKC)**

Finn Hill

Provides for the construction of trails other than the Cross Kirkland Corridor (CKC) in the Finn Hill neighborhood. Improvements may include sidewalks, mixed use trails, bicycle facilities and as needed, minor pavement widening, walls, lighting, pavement marking and drainage improvements. Property acquisition will often be needed. Trail connections should be coordinated with plans in the Park Recreation and Open Space Plan. Prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$250,000	\$0	\$250,000

**NM 0109 002 LAKE FRONT PROMENADE DESIGN STUDY**

Moss Bay

A study to examine options for creating a Lakefront promenade and includes various treatments to accommodate pedestrians, bicycles, parking and active uses along the corridor.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2020	\$0	\$75,000	\$0	\$75,000

**NM 0110 000 CITYWIDE ACCESSIBILITY TRANSITION PLAN**

City-wide

An Action Plan for improvements that increase accessibility. It includes curb ramps, accessible pedestrian signals and other walkway related projects, but the scope will expand as the city identifies more needs through completion of its Americans with Disabilities Act (ADA) compliance plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$50,000	\$0	\$50,000

**NM 0110 001 CITYWIDE ACCESSIBILITY IMPROVEMENTS**

City-wide

An Opportunity Fund for implementation of a wide range accessibility improvements, as developed by the Accessibility Transition Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$300,000	\$0	\$300,000

**NM 0113 000 CITYWIDE GREENWAYS NETWORKS**

City-wide

This project provides for the design and construction of a greenway network. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2020	\$0	\$250,000	\$0	\$250,000

**NM 0113 001 CITYWIDE GREENWAYS NETWORK PROJECT**

City-wide

This project provides for the design and construction of a greenway network in the area of NE 75th Street. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$500,000	\$0	\$500,000

**NM 0113 002 CITYWIDE GREENWAYS NETWORK PROJECT**

City-wide

This project provides for the design and construction of a greenway network in the area of 128th Avenue NE. Construction elements that make up a greenway vary according to location, but may include items such as marking, signing of various types, lighting, crossing treatments (which may include signing, islands, beacons, improvements to or new traffic signals), traffic calming, drainage improvements, sidewalks or other walkway improvements and minor property acquisition. Greenways should be constructed on the most current approved network map and prioritization of projects should be accomplished using the framework established in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$800,000	\$0	\$800,000

**NM 0114 000 CKC BRIDGE CONNECTING TO THE HOUGHTON SHOPPING CENTER**

Central Hought

The Project will create an important pedestrian/bicycle connection from the Cross Kirkland Corridor (CKC) to the Houghton Shopping Center through the property recently purchased by the City (along 106th Avenue NE adjacent to the Houghton Shopping Center). The connection includes a bridge over the wetland on the east side of the CKC and surface improvements to delineate the pedestrian/bicycle trail from the bridge to 106th Avenue NE. The Project may include a temporary easement over private property to maximize the width of the trail and retain the existing landscape buffer on the City's property.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$175,000	\$0	\$175,000

**NM 0115 000 CKC EMERGENT PROJECTS OPPORTUNITY FUND**

City-wide

An Opportunity Fund for implementation of a wide range of Cross Kirkland Corridor (CKC) access improvements.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$100,000	\$0	\$100,000

**NM 0116 000 SOUTH ROSE HILL PEDESTRIAN PATH PROPERTY ACQUISITION**

South Rose Hill

An easement acquisition to provide Kirkland residents improved access in order to promote non-motorized transportation in the South Rose Hill Neighborhood.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$100,000	\$0	\$100,000

**CITY OF KIRKLAND  
2015-2020 CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY**

**TRANSPORTATION - Public Transit**

**PT 0001 000 CITYWIDE TRANSIT STUDY**

City-wide A study that builds on the foundations of the Transportation Master Plan and identifies specific service and facility projects that support transit.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$300,000	\$0	\$300,000

**PT 0001 100 SOUND TRANSIT 3 (ST3) PROJECT STUDY**

City-wide Sound Transit has included several projects in Kirkland in their Sound Transit 3 (ST3) process and this Project uses consultant services, including but not limited to general and specialized transit planning, civil engineering and other disciplines, as needed, to help the City: 1) understand the implications of proposed ST3 projects in Kirkland, 2) develop and analyze alternatives, and 3) advance its interests with regard to ST3.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2015	\$0	\$250,000	\$0	\$250,000

**CITY OF KIRKLAND  
2015-2020 CAPITAL IMPROVEMENT PROGRAM  
PROJECT SUMMARY**

**TRANSPORTATION - Traffic Improvement**

**TR 0079 001 NE 85TH STREET/114TH AVENUE NE INTERSECTION IMPROVEMENTS PHASE II**

Everest The required modifications to this intersection include signal and lane changes for providing extended storage on the east bound right-turn lane together with a new north-bound to east-bound right-turn lane. Signal pole, signal head and striping changes are needed to provide for making the east-bound right turn lane into a thru-right and for creating a dual north-bound to east bound right-turn lane. The changes will require close coordination with the Washington State Department of Transportation (WSDOT) and may result in a state requirement to modify the high-occupancy vehicle (HOV) access to south-bound I-405. The Project will evaluate and address, as needed, ADA upgrades and will include all appropriate Surface Water upgrades. Right-of-way acquisition is not anticipated and a budget for it has been established at this time; however, it will be evaluated further during the design phase.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$1,800,000	\$0	\$1,800,000

**TR 0082 000 CENTRAL WAY/PARK PLACE CENTER TRAFFIC SIGNAL**

Moss Bay Install traffic signal to minimize traffic conflict, improve safety and traffic operation. In addition to these vehicular improvements, existing unsignaled crosswalks at 5th Street and 4th Street will be eliminated. It is anticipated that the design and construction timing is concurrent with the development of Park Place, which will be required to install the traffic signal as part of State Environmental Policy Act (SEPA) mitigation. Project is subject to anticipated funding through development activities and related revenues.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$200,000	\$0	\$200,000

**TR 0099 000 120TH AVENUE NE / TOTEM LAKE WAY INTERSECTION IMPROVEMENTS**

Totem Lake Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem Lake Mall which will be required to install the traffic signal as part of State Environmental Policy Act (SEPA) mitigation.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$2,845,500	\$0	\$2,845,500

**TR 0100 100 6TH STREET AND CENTRAL WAY INTERSECTION IMPROVEMENTS PHASE 2**

Moss Bay Install multiple upgrades to the existing signalized intersection. Phase I was completed in 2011, and resulted in signal improvements, water main upgrade, concrete roadway, pedestrian and bicycle lane improvements, and illumination at the intersection of 6th Street and Central Way. Phase II will result in a new signature "Gateway" to the Central Downtown area of Kirkland, and frontage improvements on 6th Street, additional travel lanes, a bicycle lane, and pedestrian improvements. This project will complement TR 0104 (6th Street & 4th Avenue Intersection Improvements).

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$1,866,800	\$0	\$1,866,800

**TR 0103 000 CENTRAL WAY / 4TH STREET INTERSECTION IMPROVEMENTS**

Moss Bay Extend two-way-left turn by moving crosswalk to Parkplace Signal. It is anticipated that the design and construction timing is concurrent with the development of Park Place, which will be required to install the intersection improvements as part of State Environmental Policy Act (SEPA) mitigation.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$31,000	\$0	\$31,000

**TR 0104 000 6TH STREET / 4TH AVENUE INTERSECTION IMPROVEMENTS**

Moss Bay

Dual eastbound left turn, with widening on 6th Street. It is anticipated that the design and construction timing is concurrent with the development of Park Place, which will be required to install the traffic signal as part of State Environmental Policy Act (SEPA) mitigation.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$580,000	\$0	\$580,000

**TR 0105 000 CENTRAL WAY / 5TH STREET INTERSECTION IMPROVEMENTS**

Moss Bay

Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Park Place Mall.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$564,000	\$0	\$564,000

**TR 0109 000 TOTEM LAKE PLAZA /TOTEM LAKE BLVD INTERSECTION IMPROVEMENTS**

Totem Lake

Install traffic signal and associated roadway improvements between Totem Lake Boulevard and 120th Avenue NE to minimize traffic conflict, improve safety and traffic operations through the Totem Lake Mall. It is anticipated that the design and construction timing is concurrent with the development of Totem Lake Mall.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$1,500,000	\$0	\$1,500,000

**TR 0110 000 TOTEM LAKE PLAZA/120TH AVENUE NE INTERSECTION IMPROVEMENTS**

Totem Lake

Install traffic signal to minimize traffic conflict, improve safety and traffic operation. It is anticipated that the design and construction timing is concurrent with the development of Totem lake Mall.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$1,500,000	\$0	\$1,500,000

**TR 0116 000 ANNUAL SIGNAL MAINTENANCE PROGRAM**

City-wide

Signal maintenance to replace equipment at end of useful life to maintain full capabilities. Includes range of improvements from full intersections to cabinets and service connections to components in cabinets. Also includes RRFBs (pedestrian flashing beacons), school flashers, and radar speed signs.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$850,000	\$0	\$850,000

**TR 0117 000 CITYWIDE TRAFFIC MANAGEMENT SAFETY IMPROVEMENTS**

City-wide

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.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$400,000	\$0	\$400,000

**TR 0117 001 FLASHING YELLOW SIGNAL HEAD SAFETY IMPROVEMENTS**

City-wide

Flashing yellow arrows are a method of controlling permissive left turns. They offer safety benefits to vehicles by reducing left turn collisions. They can also reduce delays and give more flexibility in controlling left turn treatments.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$50,000	\$0	\$50,000

**TR 0117 002 VISION ZERO SAFETY IMPROVEMENT**

City-wide

This project is an opportunity fund for improvements that come from Vision Zero work, an international road traffic safety project, which aims to achieve a transportation system with no fatalities or serious injuries in street traffic. The scope will be further defined as the City begins developing a Vision Zero program.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$250,000	\$0	\$250,000

**TR 0117 003 NEIGHBORHOOD TRAFFIC CONTROL PROGRAM**

City-wide

This project is an opportunity fund for neighborhood traffic control elements such as traffic circles, speed humps, curb bulbs, lighting, radar speed signs and a variety of other improvements as identified in cooperation with the residents affected by the projects.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$150,000	\$0	\$150,000

**TR 0118 000 GENERAL PARKING LOT IMPROVEMENTS**

City-wide

An opportunity fund for parking improvements such as added capacity, improved wayfinding, improved technology or other improvements as may be needed to improve parking.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$820,000	\$0	\$820,000

**TR 0119 000 KIRKLAND CITYWIDE ITS STUDY**

City-wide

A study to revise the current Intelligent Transportation System (ITS) plan and to develop a direction for the ITS program based on the principles in the Transportation Master Plan.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2017	\$0	\$75,000	\$0	\$75,000

**TR 0120 000 KIRKLAND ITS PHASE III**

City-wide

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.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2018	\$0	\$1,350,000	\$0	\$1,350,000

**TR 0122 000 TOTEM LAKE INTERSECTION IMPROVEMENTS**

Totem Lake

Signalized intersection improvements at select Totem Lake area locations in support of Totem Lake Mall Redevelopment.

PROJECT START	Prior Year(s)	2015-2020 Total	Future Year(s)	TOTAL PROJECT
2016	\$0	\$6,000,000	\$0	\$6,000,000

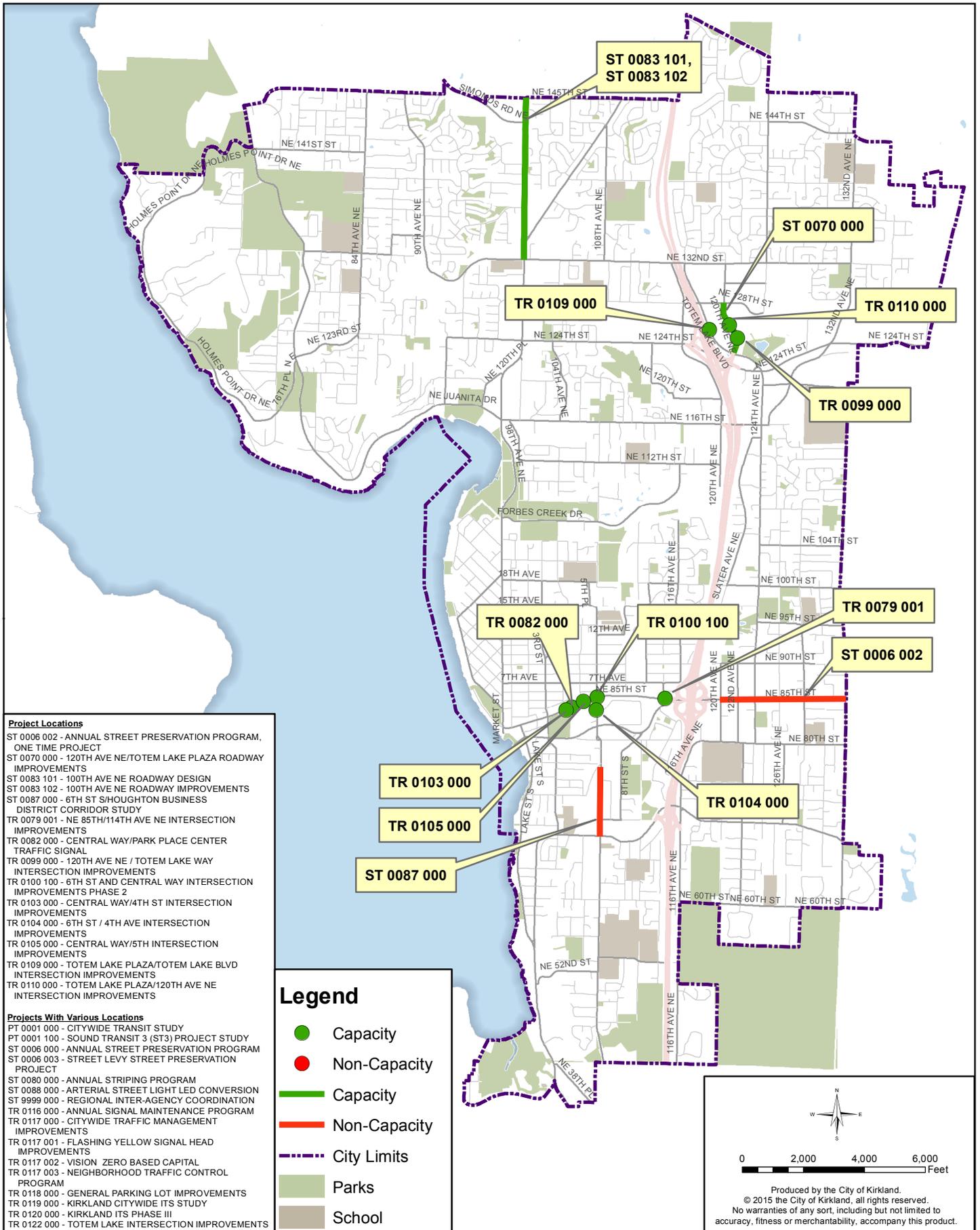
## City of Kirkland 2015-2020 Capital Improvement Program

### ACTIVE PROJECTS-TRANSPORTATION

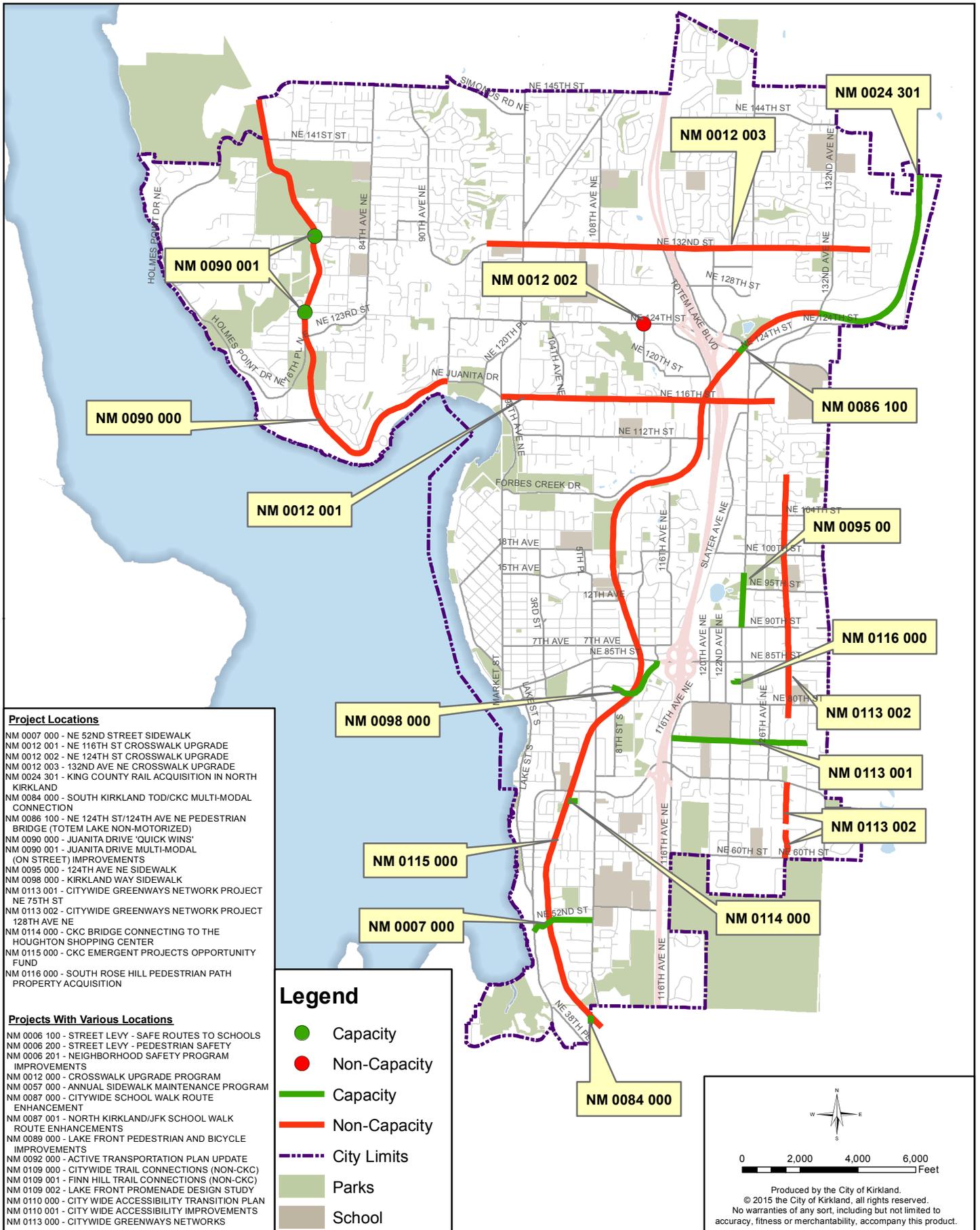
**Prior Activity - Projects Active as of 12/31/2014:**

<b>Project Number</b>	<b>Project Title</b>	<b>Proj. Budget through 2014*</b>	<b>Expenses through 2014</b>	<b>Proj Balance 12/31/2014</b>
NM 0024	CKC Interim Trail	4,141,400	2,407,399	1,734,001
NM 0024 101	CKC Master Plan	500,000	417,369	82,631
NM 0034 001	NE 100th/Spinney Homestead Park Sidewalk	389,370	363,446	25,924
NM 0051	Rose Hill Business District Sidewalks	8,075,700	5,464,497	2,611,203
NM 0053	NE 112th ST Sidewalk N Side	291,700	204,381	87,319
NM 0059	6th Street Sidewalk	265,000	256,722	8,278
NM 0064	Park Lane Pedestrian Corridor Enhancements	3,249,200	516,908	2,732,292
NM 0065	Central Way Pedestrian Enhancements Ph 2	382,000	340,513	41,487
NM 0066	12th Ave Sidewalk	432,000	370,390	61,610
NM 0067	Elementary School Walkroute Enhancement	1,198,000	1,041,914	156,086
NM 0068	104th Ave NE/NE 68th St Lkw School Walk Route	377,970	358,177	19,793
NM 0073	JFK Non-motorized	150,000	18,689	131,311
NM 0082	6th St. S Sidewalk	583,100	6,339	576,761
NM 0084	S. Kirkland TOD	246,000	147,536	98,464
NM 1157	2011 Sidewalk Maintenance	326,000	385,333	(59,333)
NM 1306 200	2013 Road Levy Crosswalk Initiative	590,000	561,427	28,573
NM 1457	2014 Sidewalk Maintenance	295,838	10,542	285,296
ST 0006 002	85th Corridor Overlay	200,500	35,082	165,418
ST 0055	Forbes Creek Bridge Retrofit	1,415,000	362,136	1,052,864
ST 0057 001	NE 120th Street Roadway Extension (East section)	6,509,100	6,015,980	493,120
ST 0075	NE 85th Street Undergrounding	2,691,500	2,204,172	487,328
ST 0076	State Street Utilities Undergrounding	69,200	56,473	12,727
ST 0082	Juanita Drive Master Plan	280,000	280,488	(488)
ST 0083	100th Ave NE Corridor	70,000	56,824	13,176
ST 1406 000	2014 Street Preservation	1,845,124	1,520,394	324,730
ST 1406 003	2014 Street Levy Preservation	2,719,683	1,862,666	857,017
ST 1480	2014 Striping Program	350,000	333,491	16,509
TR 0004 002	Transit Center Restroom	140,000	134,099	5,901
TR 0065	6th Street & Kirkland Way Traffic Signal	1,200,500	9,251	1,191,249
TR 0078	NE 85th/132nd NE Intersection Improvements	2,149,900	1,406,961	742,939
TR 0080	NE 85th/124th NE Intersection Improvements	2,022,300	1,028,563	993,737
TR 0083	100th Ave/NE 132nd Intersection	700,000	72,859	627,141
TR 0085	NE 68th/108th Avenue Intersection Improvements	1,648,500	1,683,729	(35,229)
TR 0102	Growth & Transportation Efficiency GTEC	793,000	771,902	21,098
TR 0111	Kirkland ITS Implementation Phase I	2,171,000	1,322,396	848,604
TR 0111 003	Kirkland ITS Implementation Phase II	2,951,000	396,931	2,554,069
TR 0112	Downtown Pedestrian Improvements	16,000	8,861	7,139
TR 0113	Citywide Safety & Traffic Flow Improvements	343,900	97,438	246,462
TR 0115	6th St./9th Ave Traffic Signal	1,013,300	12,145	1,001,155
<b>Total</b>		<b>52,792,785</b>	<b>32,544,422</b>	<b>20,248,363</b>

\*Includes prior years' project balance plus 2013-14 funding/ Negative balances will be addressed through project revision and/or



## Funded Street and Transportation CIP



## Funded Non-Motorized Transportation CIP