

20 year project Table part a

MODE	CATEGORY	BASIS FOR 20yr FUNDING	20 YR FUNDING (million)	EARLY PRIORITIES	KEY UNFUNDED ELEMENTS	UNFUNDED COST (millions)	TRANSPORTATION MASTER PLAN POLICY SUPPORT
Safety	Vision Zero Safety	Opportunity fund for projects that result from Vision Zero process.	\$ 1.0	Develop a vision zero program.	Unsure until Vision zero gets started.		Develop a vision zero safety plan that is multi-disciplinary and focuses on innovative approaches to safety.
	New signals, driveway management, flashing yellow arrow.	Opportunity fund. Estimate of need.	\$ 3.0	Flashing yellow candidate intersections	May need more or different new signal locations, driveway mitigation areas etc.	New signals at around \$.75 m each.	Reduce crash rates for motor vehicles, mitigate impacts of motor vehicles on neighborhood streets.
	Neighborhood Traffic Control Program.	Opportunity fund. Same funding level as when program was previously funded.	\$1.0	Previously identified locations; Slater Ave.	This level of funding should be adequate to meet the currently anticipated need.		
Maintenance	Pavement.	Pavement Condition Index, meeting 20 year targets of 70 for arterials and collectors and 74 for other streets.	\$85.0	Based on existing condition.	Should be adequate to achieve PCI target.		Previous policy decision.
	Signals.	Basic replacement schedule.	\$7.5	Oldest signals/equipment.	Some items will be obsolete before they are replaced.	\$13.5	Place high priority on maintenance, Use ITS.
	Markings.	Estimate of need.	\$ 12.0	Annual inspection.	Funding level should be adequate; reevaluate in the future.		Place high priority on maintenance, increase safety, improve facilities, and build networks for bikes.
	Sidewalk.	Opportunity fund. Same funding level as past years.	\$ 4.0	Base on inventory of sidewalk conditions. Expected to be completed in 2015.	Reassess after inventory is completed.		Place high priority on maintenance, Remove barriers to walking improve safety of walking, integrate transit with ped/bike networks.

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20 year project Table part b

MODE	CATEGORY	BASIS FOR 20yr FUNDING	20 YR FUNDING (million)	EARLY PRIORITIES	KEY UNFUNDED ELEMENTS	UNFUNDED COST (million)	TRANSPORTATION MASTER PLAN POLICY SUPPORT
Walk	School Walk Routes	Complete sidewalk on one side of arterials and collectors.	\$ 4.5	Places where these 3 categories overlap. Also Revised Active Transportation Plan.	Local streets.	\$9	Walking: remove barriers, increase safety, improve walk to school. Improve pedestrian connections to transit Improve walkable neighborhoods, connect to commercial areas. Promote energy efficient modes, reduce pollution, and provide mobility for all users.
	10 min Neighborhoods	Top 2 groups on arterials and collectors.	\$ 6.0		Other categories of 10 minute walkability, other street classifications.		
	Arterials and Collectors	Missing sidewalks on Principal arterials.	\$ 3.0		Complete sidewalk on other streets.		
	New crosswalks, poor lighting, fewer improvements, at signals MAP 8.	Improving lighting at candidate locations on all streets, locations with few improvements on arterials, new crosswalks, improvements at signals.	\$ 9.5	Groups of crosswalks on arterials, NE 124/113 NE signal.	Crosswalks on local streets.	Has not been estimated.	All policies for sidewalks (above) plus, improve crossings for pedestrians
	CKC	Opportunity fund. Some design and some construction of the CKC to master plan vision and completion of some connections to the corridor.	\$ 15.0	Design of NE 124 th /124 th NE bridge, South Kirkland Park and ride to 6 th Section. Connections to Park Place, Forbes Creek drive.	Complete design and construction of corridor and connections.	Design and construction of complete corridor is estimated at \$70 to \$80 m. Full connection costs have not been estimated.	Develop CKC for walking and biking, integrate ped and bike networks with transit, promote energy efficient modes, reduce pollution, implement transit on CKC, Provide mobility for all users.
	Other trails	Opportunity Fund. Need plan from revised Active Transportation Plan.	\$ 2.0	Connections between Finn Hill and Juanita Beach area.	Reassess after Plan is completed.		
	Accessibility	Opportunity fund, placeholder funding amount.	\$ 7.0	Complete ADA Transition plan.	Reassess after Plan is completed.		Remove barriers to walking, provide mobility for all users, minimize impacts to special need populations.

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20 year project Table part c

MODE	CATEGORY	BASIS FOR 20yr FUNDING	20 YR FUNDING (million)	EARLY PRIORITIES	KEY UNFUNDED ELEMENTS	UNFUNDED COST (million)	TRANSPORTATION MASTER PLAN POLICY SUPPORT
Bike	On-Street / Protected	Juanita Drive, Protected lane placeholder, other restriping.	\$ 18.0	Juanita Drive and Lakefront grants.	Need to define after revised Active Transportation Plan.		Improve safety, create and improve on-street bikeways, bicycle connections to transit, connect to commercial areas.
	Greenways	Complete network.	\$ 6.0	NE 75 th /Kirkland Way, NE 140 th , NE 100th 128 th Ave	Bridges over I-405 at NE 90 th and NE 140 th Streets. Redefine after revised Active Transportation Plan.	\$9	Improve safety, build a network of greenways, bicycle connections to transit, connect to commercial areas.
Transit	Speed and Reliability	Placeholder -need transit plan.	\$ 6.5	Complete transit plan.	Transit on CKC.	Has not been estimated.	Create environment to support transit service, partner to provide transit projects in exchange for service.
	Passenger environment	Improvements at 30 high ridership stops - need transit plan.	\$ 4.0	Complete transit plan.	Kingsgate P&R TOD.	\$30 (place holder estimate)	Support safe and comfortable passenger facilities.
Auto	Efficiency	Placeholder amounts for connecting additional signals, updating control methods, better traveler information.	\$ 5.5	Complete existing ITS projects, Revise ITS plan.	Need to define after revised ITS Plan.		Use ITS to support optimization of roadway networks.
	Respond to Support Development	Opportunity fund for downtown, Totem Lake and parking.	\$ 13.0	Totem Lake Mall improvements (funded separately) downtown parking solutions.	Connections in Totem Lake have not been estimated.		Make investments in capacity to support proposed land use, support economic development goals, tailor improvements to commercial land use districts.
	Other Auto projects	NE 132nd, Juanita Drive, 100th Avenue, interchange development funds.	\$ 35.0	100 th Avenue design and construction.	Many other projects are on the current unfunded CIP list.		Make strategic investments in intersection and street capacity, Work with WSDOT on interchange improvements.

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In addition to the capital projects in the proceeding tables, there are non-capital expenditures needed to support the vision and goals of this plan.

Mode	Category	Description	20 yr. funding (\$m)
Walk	Support	Maps, wayfinding, encouragement, promotion (see chart in Goal T-2 Background section)	\$1.3
Bike			\$1.6
Transit	Service	Kirkland may wish to purchase or provide transit service.	\$10.0
	Support/ Transportation Demand Management	Promotion of transit, management of CTR and TMP sites, matching funds for grants (see Policy T-3.4)	\$1.3

The Transportation Capital Facilities Plan is shown on the next page. More detailed information is presented in the Capital Facilities Element of the Comprehensive Plan.