

Log #	Received From	Comment/Question	Staff Response
1	Adam Ragheb	Level of service instead of Levels, for consistency? (pg 1, paragraph 3)	Addressed in second draft.
2		CIP acronym not yet defined in this document (pg 1, paragraph 3)	Addressed in second draft.
3		Clarify that PV refers to photovoltaic (I assume that is what is meant here) (pg 1, paragraph 6)	Addressed in second draft.
4		remove parentheses? (pg 2, paragraph 1)	Addressed in second draft.
5		spell out acronym (Assuming it means electric vehicle) (pg 2, paragraph 3)	Addressed in second draft.
6		Suggest removing this entire paragraph. Lets keep this document objective and apolitical. We need to reduce GHG emissions because the City has committed to it - this paragraph may turn people away from the goals if they see things differently. While I agree that redicing GHG emissions is a good thing to pursue, this paragraph opens it up for debate - someone could argue that because 2023 snowpack in California after the Jan '23 storms is likely above average that we have less of a problem than in 2022...best to leave this objective statement out. (pg 2, paragraph 7)	The Planning Commission can discuss this comment at its January meeting. See the January 18, 2023 staff memo for additional discussion.
7		curious what drove this change? (pg 3, paragraph 3)	The increase in total parks acreage is a product of recalculating/remeasuring for the PROS Plan process – there were no parks added only better calculation of the total amount of park land.
8		I think it is worth noting that this 18.5 is down from the previous value of 20.8 - this is an important	The decrease in this metric is due to the City’s population growth being higher than the acquisition of new park land. One of the things that the City cand do to help offset the growth of population outpacing new parks is to increase the

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		quality of life metric and its trend in an undesirable direction should be clear, especially since the data already exist. (pg 3, paragraph 3)	capacity of the existing parks to meet the changing demand for amenities. During the Comprehensive Plan update, the City will adopt a new parks zone to help with some of this from a regulatory perspective. The recent adoption of the Parks, Recreation, and Open Space Plan (PROS Plan) also helps with this because that plan directs how the City will maintain its parks in the future given the expected changes in demand for parks and open space in light of the expected population increase.
9		May be worth noting when this prediction was made. Pre-COVID? (pg 5, last paragraph)	Reference added to clarify that the Mercer Island School District’s Capital Facilities Plan was adopted in 2020.
10		For what are the license and permit fees used? Clarify definition of "other user fees?" (pg 11)	This paragraph is a high-level summary of where the general fund comes from and where those funds go. The second sentence describes what those funds are used for as follows: “Funds can be used for any municipal purpose and are generally dedicated to the operation of the City's (non-utility) departments and technology and equipment upgrades.” For example, other user fees include license and permit fees. Building permit fees are required to be tied to and spent on covering the cost of reviewing permits but are also part of the general fund. Many fees are earmarked to cover specific costs in the same way as permit fees. There are many fees included under “other user fees” and most have specific requirements depending on the source. Too much specificity could be an unnecessary level of detail for this element.
11		Format like all other Goals per below: 1.4 The City should provide affordable and equitable access to public services to all communities, especially the historically underserved. (pg 30, Policy 1.4)	The proposed wording change would not change the meaning, intent, or implementation of the policy. The Planning Commission can decide whether this change is necessary during the next review.
12		I did like the December meeting discussion where we would identify from which CPP edits were derived. This one appears to come from PF-2. (pg 30, Policy 1.4)	

6 CAPITAL FACILITIES ELEMENT

I. INTRODUCTION

LAND USE & CAPITAL FACILITIES

Incorporated in 1960, Mercer Island is a "mature" community. Approximately 95 percent of the community's residential lands have already been developed and its commercial centers are now experiencing increasing redevelopment pressures. The remaining lands to be developed are all commercial and residential infill where public facilities have long been established.

As a "mature community," Mercer Island has made substantial investments in public infrastructure over the last 460 years. As a result, the community largely has sufficient capacity in water and sewer systems, parks, schools, local streets and arterials, and public buildings (City Hall, library, fire stations, and community center) to handle projected growth. However, additional investments may be considered for park improvements as well as open space acquisition and trail development. In addition, improvements will be needed to maintain adopted transportation Level of Service (LOS) standards and to maintain existing infrastructure.

The following sections of the Capital Facilities Element inventory Mercer Island's existing public facilities in terms of their capacity (quantity) to serve current and forecasted populations through 2035. The Element continues with a discussion of existing "levels of service" standards and expenditure requirements to meet those standards. This is followed by a discussion of the City's overall capital planning and financing strategy as well as the revenues available for capital investment. The Element concludes with policies that will guide development of the City and capital investments.


SUSTAINABILITY

The City of Mercer Island has a long history of sustainability programs and community involvement in general environmental measures. Sustainability is a Mercer Island value. It is defined as the process of ensuring the wise use and management-stewardship of all resources within a framework in which environmental, social, cultural and economic well-being are integrated and balanced. It means meeting the needs of today without adversely impacting the ability of needs of future generations to also meet their needs.


In 2006, a grassroots effort of Island citizens led the City to modify the vision statement in the Comprehensive Plan to include language embracing general sustainability, and in May 2007 the Council committed to a sustainability work program as well as a specific climate goal of reducing greenhouse gas (GHG) emissions by 80 percent from 2007 levels by 2050, which was consistent with King County and Washington State targets (the 2050 target was later tightened to 95%). Later in 2007, the Council set an interim emissions reduction goal (often called a "milepost") for City operations of five percent by 2012.

~~In recent years,~~ the City has pursued a wide range of actions focusing on the sustainability of its internal operations. These measures began with relatively humble recycling and waste reduction campaigns, and then expanded into much larger initiatives such as energy-efficiency retrofits and cleaner-burning fleet vehicle upgrades. More recently, the City has installed its own on-site solar PV project at the Community and Event Center, and has now has a number of electric and hybrid vehicles in the fleet or on

1 ~~orders~~ scheduled for replacement. The City has also been able to increase its tree canopy by 8% from 2007
2 to 2017.

3
4 Starting in 2020, 100 percent of government operations are now powered by clean, renewable energy
5 from a new 38-turbine windfarm in Western Washington that the City helped fund. A 20-year contract to
6 purchase carbon-free windpower directly from Puget Sound Energy replaced the City's prior electricity
7 mix, over half of which was still based on coal and natural gas. ~~purchased several commercial grade electric~~
8 ~~utility vehicles for Water Department and Parks Maintenance purposes.~~ The City tracks a number of GHG
9 and sustainability metrics (such as energy use and overall carbon footprint)  a dashboard page in the
10 sustainability section of its website.


11
12 In 2011, Mercer Island joined King County and other local cities as a founding member a nationally-
13 recognized, coordinated effort to jointly tackle climate issues and enhance the reach of each City's
14 sustainability initiatives: the King County-Cities Climate Collaboration (K4C). Both City staff and Council
15 Members have consistently participated in a wide range of K4C initiatives.

16
17 Island residents have also engaged in a number of public-facing initiatives, leading to two very popular
18 rooftop solar installation campaigns (adding 110 new arrays), commercial green building requirements in
19 Town Center, very high rates of green power enrollment among residents, and high levels of personal 
20 adoption. Since the City's own operations contribute only one percent of the Island's emissions, programs
21 that address the two biggest sectors – transportation and energy use in buildings – are critical as
22 community-wide initiatives.

23
24 ~~Approximately 35 percent of the City's internal electricity use is offset through the purchase of green~~
25 ~~power RECs from Puget Sound Energy. The City tracks several metrics in its annual "Dashboard Report"~~
26 ~~that evaluate progress made in energy consumption, fuel use, green power purchasing, solid waste~~
27 ~~diversion, and overall carbon footprint of City operations.~~

28
29 ~~In 2012, activities were expanded further with the hiring of the City's first dedicated Sustainability~~
30 ~~Manager, who designs, implements, and then oversees much of the internal sustainability project work.~~
31 ~~In addition, the Mayor and City Council have increasingly addressed or supported specific regional and~~
32 ~~state-level climate commitments or legislation.~~

33
34 In 2017, the City confirmed a major commitment to clean power by announcing its contract with Puget
35 Sound Energy for 2019 through 2039, in which it will buy 20 years of clean wind power to replace its
36 current mix of electricity, covering its annual municipal usage of three million kilowatt hours.

37
38  The subset of sustainability work involving GHG emissions and resilience has never been more urgent in
39 Pacific Northwest communities, as we begin to experience the economic and health impacts of changes
40 to our global climate patterns locally. This includes rising average temperatures, changes in rainfall timing
41 and river volumes, and reduced snowpack. Recent extreme heat events and wildfire smoke incidents have
42 underscored this reality for many residents.

43
44 Due to the 20-year horizon envisioned by this Comprehensive Plan, it is especially appropriate to include
45 internal and external measures that address the long-term actions needed to reduce greenhouse gas
46 emissions, ideally in collaboration with other local governments. Actions that the City will implement with
47 the entire community's sustainability in mind are addressed in the Land Use Element of this Plan. The
48 City's first Climate Action Plan (due Q1 2023) quantifies and enumerates the various City and community

1 actions needed to achieve the GHG reduction targets that successive City Councils have committed to, as
2 part of the City's K4C membership. ~~Various other City departments, such as Parks and Recreation and~~
3 ~~Maintenance Public Works also, prepare functional plans that directly implement some sustainability~~
4 ~~programs.~~

5 **II. CAPITAL FACILITIES INVENTORY**

6 Listed below is a brief inventory of Mercer Island's public capital facilities. Detailed descriptions of facilities
7 and their components (e.g., recreational facilities in public parks) can be found in the 2022 Parks,
8 Recreation and Open Space (PROS) Plan, 2014—2019 Parks and Recreation Plan, the Comprehensive Parks
9 and Recreation Plan and Transportation and Utilities Elements.



10 **PUBLIC STREETS & ROADS**

11 Mercer Island has over 75 miles of public roads. Interstate 90 and East Link light rail runs east-west across
12 the northern end of Mercer Island, providing the only road and transit connections to the rest of the Puget
13 Sound region. Most of the road network on the Island is comprised of local streets serving the Island's
14 residential areas; arterials comprise approximately 25 miles, or one-third, of the system.

15 **PEDESTRIAN AND BICYCLE FACILITIES**

16 Mercer Island has ~~over~~ approximately 56.5 miles of facilities for non-motorized travel. In general, non-
17 motorized facilities serve multiple purposes, including recreational travel for bicycles and pedestrians as
18 well as trips for work and other purposes. On-road facilities for non-motorized travel include sidewalks
19 and paths for pedestrians and bicycle lanes for cyclists. Regional access for non-motorized travel is
20 provided by special bicycle/pedestrian facilities along I-90. Additional detail is provided in the 2010
21 Pedestrian and Bicycle Facilities Plan.

22 **PARKS & OPEN SPACE**

23 Mercer Island has 48  acres of City parks and open space lands. This acreage comprises about 12
24 percent of the Island. Eleven City parks, open spaces and playfields are over ten acres in size. Three parks
25 exceed 70 acres (Luther Burbank, Pioneer Park, and Aubrey Davis Park). Island residents enjoy 20.8 
26 acres of publicly-owned park and open space lands per 1,000 population. ~~This compares with neighboring~~
27 ~~jurisdictions as follows: Bellevue – 21.8 acres/1000 pop.; Kent – 15.5 acres/1000 pop.; Redmond – 28.0~~
28 ~~acres/1000 pop.; Kirkland – 19.1 acres/1000 pop.~~ In addition to City park lands, approximately two-thirds
29 of the Mercer Island School District grounds are available to Island residents. ~~And,~~ an additional 40 acres
30 of private open space tracts are available for residents of many subdivisions on the Island. See Figure 1
31 for the locations and geographical distributions of the community's parks, open space lands, street end
32 parks, school district lands, I-90 facilities and private/semi-public facilities.

33
34 The City of Mercer Island adopted a Parks, Recreation, and Open Space Plan (PROS Plan) in 2022. The
35 PROS Plan evaluates the levels of service for City parks and open space throughout the City. The PROS
36 plan also considers the future needs of parks and lists projects to be added to the Capital Facilities Plan
37 (CFP) and Capital Reinvestment Plan (CRP). Those projects will maintain parks and open space capacity
38 as growth occurs through the planning period.

PUBLIC BUILDINGS

Mercer Island is served by seven City-owned public buildings, the Mary Wayte Pool owned by the Mercer Island School District and operated by Olympic Cascade Aquatics, one Post Office and one King County (KCLS) Branch Library. Facility uses, locations, and sizes are listed in Table 1.

During 2001, construction of a new Main Fire Station and a sizable remodel of the Thrift Shop were completed. The City became the owner of Luther Burbank Park in 2003 after transfer of the property by King County. The Mercer Island Community and Events Center was completed in 2006. The reconstruction of Fire Station 92 at the south end of the Island began in 2014 and was completed in 2015.

Table 1. Facility uses, locations and sizes

Facility	Use	Location	Approx. Size
City Hall	Police, Dispatch, & General Administration, Municipal Court, Facility Maintenance & Permitting Services.	North MI 9611 SE 36th St.	32,000 s.f. sq ft
Maintenance Public Works Shop	Parks, Water, Sewer, Streets Right-of-Way, Stormwater, Fleet, Engineering & Bldg. Maint.	North MI 9601 SE 36th St.	15,000 sq fts.f.
Community and Events Center	Community meeting space, Mtgs., Recreation Programs, Gymnasium, and Fitness Senior adult and Youth Programs	North MI 8236 SE 24th St.	42,500 sq fts.f.
Luther Burbank Administration Building	Parks and Recreation and Youth and Family Services Depts.	North MI Luther Burbank Park 2040 84th Ave. SE	5,000 sq ft
Mercer Island Thrift Shop	Sales-Fundraising: Recycled Household Goods	Central Business District 7710 SE 34th St.	5,254 sq ft
Main Fire Station 91	Fire & Emergency Aid Response, & Administration.	Central Business District 3030 78th Ave. SE	16,600 sq fts.f.
U.S. Post Office	Postal Service	Central Business District 3040 78th Ave. SE	10,000 sq ft
Mary Wayte Pool	Indoor Swimming Facility	Mid-Island 8815 SE 40th St.	7,500 sq ft
King County Library (KCLS)	Public Library	Mid-Island 4400 88th Ave SE	14,600 sq ft
South Fire Station 92	Fire & Emergency Response	South End Shopping Center 8473 SE 68th St.	7,940 sq fts.f.
Youth and Family Services Thrift Shop	Sales-Fundraising: Recycled Household Goods	Central Business District 7710 SE 34th St.	5,254 s.f.
Luther Burbank Park Admin. Bldg.	Mercer Island Parks and Recreation Youth and Family Services Depts.	Luther Burbank Park 2040 84th Ave. SE	5,000 s.f.

Mary Wayte Pool (Northwest Center)	Indoor Swimming Facility	Mid-Island 8815 SE 40th St.	7,500 s.f.
U.S. Post Office	Postal Service	Central Business District 3040 78th Ave. SE	10,000 s.f.
King County Library (KCLS)	Public Library — Branch of KCLS	Mid-Island 4400 88th Ave SE	14,600 s.f.

PUBLIC SCHOOLS

The Mercer Island School District owns and operates one high school, one middle school and ~~three~~ four elementary schools. ~~Northwood, the~~ A fourth elementary school is ~~scheduled to~~ opened in 2016. Altogether, the School District owns 108.6 acres of land, including those lands dedicated to parks, open space and recreational uses. The District served a ~~2014–2021–2022~~ school population of ~~4,316–069~~ students in ~~approximately 461,000~~ total square feet of "educational" space. The District estimates that it has capacity for 5,172 students in its Six-Year Capital Facilities Plan, a capacity surplus of 1,103 students.

In 1994, the voters approved a \$16.4 million bond issue to modernize the three elementary schools. All these schools underwent \$6 million remodels that were completed in September 1995. In 1996 voters approved a bond issue to modernize the high school. The total cost of the renovation, which included some new construction, was \$37.2 million. In February 2010, the community approved a six-year capital levy for nearly \$4.9 million per year, targeting minor capital replacement costs and improvements at each school site. Included in the levy were funds for the addition of music and orchestra rooms at Mercer Island High School, portable classrooms for elementary and middle schools, hard play area resurfacing at the elementary schools, replacement of the turf field and repair of the track at Mercer Island High School, painting, re-roofing, pavement overlays, security improvements, and other improvements.

~~After months of public discussions, meetings and work by the Mercer Island community, school board and district, a bond proposal was approved by the board in September 2013 to address overcrowding in Mercer Island schools. It was then approved by~~ A bond issue was approved by more than 74 percent of Mercer Island voters in February 2014 to address overcrowding in Mercer Island schools. The targeted facilities projects included:

- Building Northwood, a fourth elementary school ~~on the district-owned North Mercer campus;~~
- Expanding Islander Middle School, including 14 new classrooms and lab spaces, commons and cafeteria, gymnasiums, music rooms and administrative space, and a 100kw rooftop solar array; and
- Building ten additional classrooms at Mercer Island High School, including four lab spaces and six general education classrooms.

Annually, the District develops projections primarily utilizing the historical enrollment trends tracked each October for the past five years. In addition to the cohort derived from that historical database, the District looks at much longer "real growth" trends as well as birth rates and female population patterns. ~~Current enrollment projections show an anticipated increase of approximately 356 students over the next six years, in addition to an increase of approximately 250 students over the last six years.~~ The District's Six-Year Capital Facilities Plan estimates that enrollment will decline by four percent between 2020 and 2026.

1
2 Provision of an adequate supply of K-12 public school facilities is essential to enhance the educational
3 opportunities for our children and to avoid overcrowding. A variety of factors can contribute to changes
4 in K-12 enrollment, including changes in demographics, the resale of existing homes, and new
5 development. The District is engaged in an ongoing long-range planning process to maintain updated
6 enrollment projections, house anticipated student enrollment, and provide adequate school facilities.
7 Future needs, including proposed improvements and capital expenditures are determined by the District,
8 which has prepared a separate Capital Facilities Plan.

9 *WATER SYSTEM*

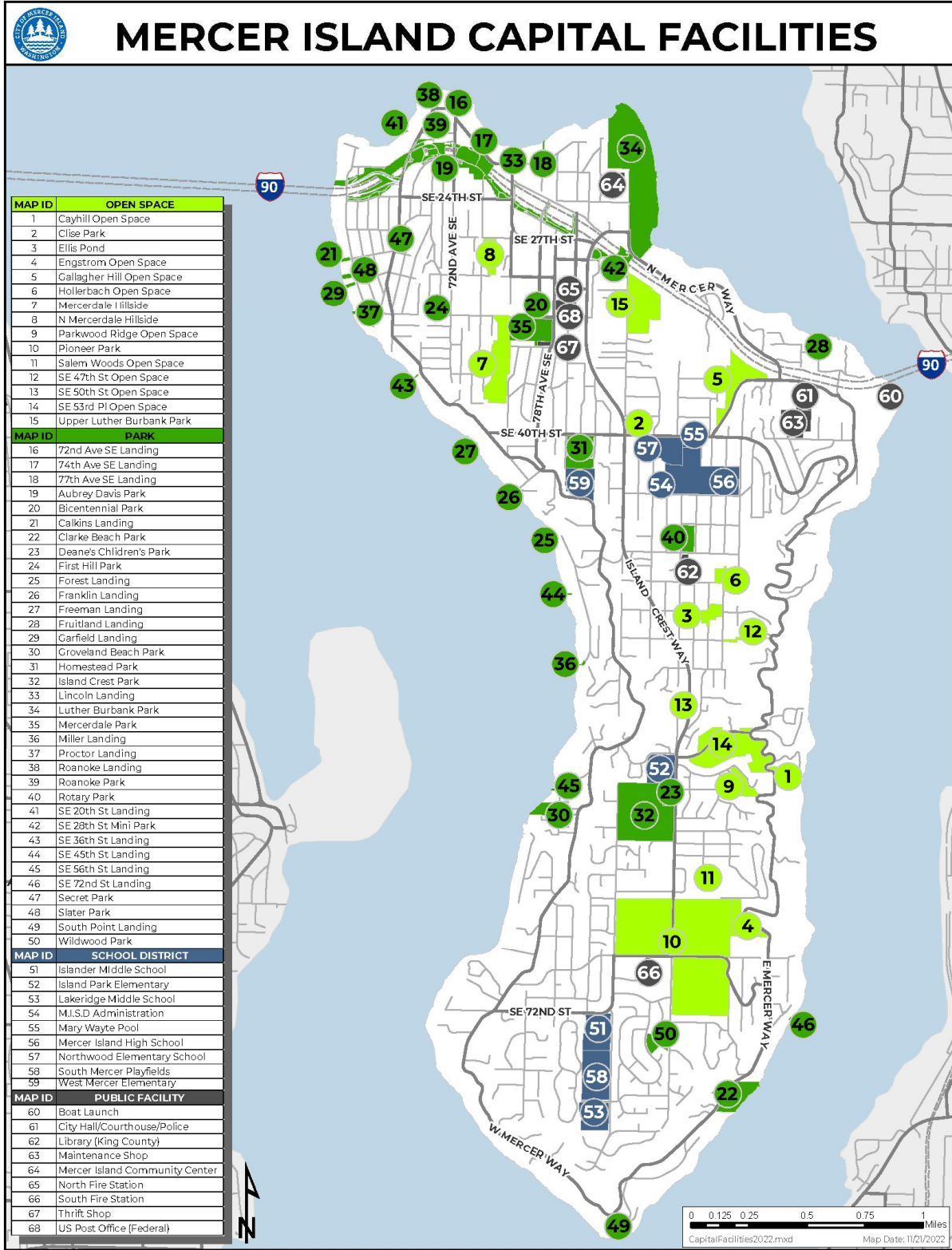
10 The City's Water Utility consists of ~~1135~~ miles of water mains and transmission lines which serve over
11 ~~7,530,640~~ water meters. In addition, the system includes two four-million-gallon storage reservoirs, two
12 pump stations, 86 pressure reducing valve stations, and an emergency well completed in 2010. The City
13 purchases water from Seattle Public Utilities, served by the Cedar and Tolt River watersheds.

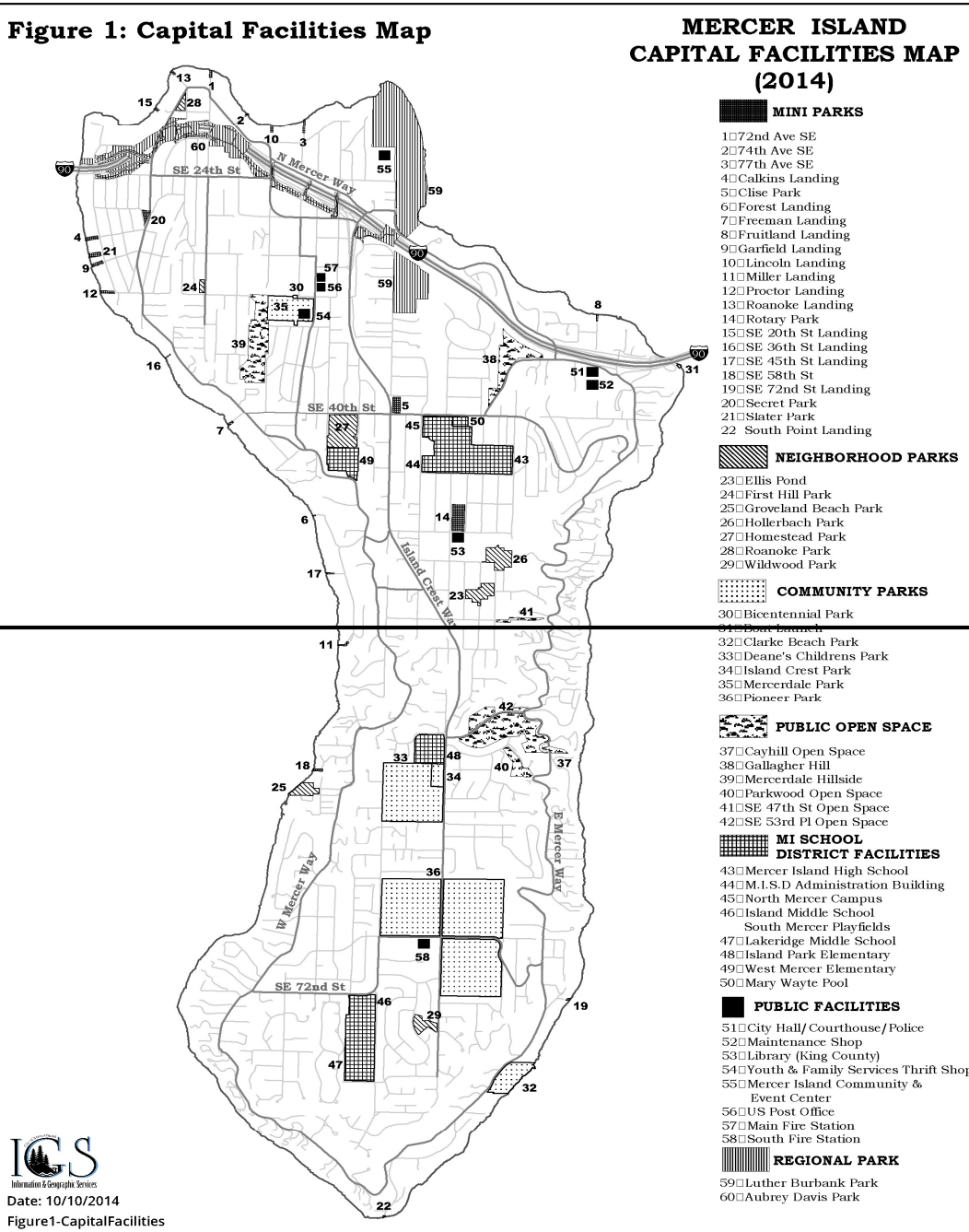
14 *SEWER SYSTEM*

15 The Mercer Island sewer utility ~~is made up 104 miles of collection lines which serves~~ over ~~7,403,200~~
16 customers. The collection system ~~includes 5 linked to~~ 17 pump stations, two flushing stations, and more
17 than 113 miles of gravity and pressure pipelines, ranging in diameter from three to 24 inches which
18 ultimately flow into King County Department of Natural Resources & Parks (KCDNR) facilities for treatment
19 and disposal at the South Treatment Plant in Renton.

20 *STORM WATER SYSTEM*

21 The Island's storm water system is made up of a complex network of interconnected public and private
22 conveyances for surface water. The system serves 88 separate drainage basins. The major components of
23 the system include more than 15 miles of natural watercourses, 60 percent of these are ~~privately~~
24 ~~owned~~ are located on private property; 26 miles of open drainage ditches, 70 percent of which are on
25 public property; 58 miles of public storm drains; 59 miles of private storm drains; more than ~~4,500,502~~
26 City owned catch basins; and over 3,300 non City owned catch basins.





1

2

III. LEVEL OF SERVICE & FORECAST OF FUTURE NEEDS

3 In analyzing capital financing over 20 years, the City must make estimates in two areas: Cost of New
 4 Facilities and the Cost to Maintain Existing Facilities. To estimate the former, the City must evaluate its
 5 established levels of service (LOS) for the various types of facilities — streets, parks, recreational facilities,
 6 open space, trails, and public buildings — and project future needed investments to reach those service
 7 targets. In this case, "Level of Service" refers to the quantitative measure for a given capital facility. See

1 Table 2. In establishing an LOS standard, the community can make reasonable financial choices among
 2 the various "infrastructure" facilities that serve the local population.

3
 4 Fortunately, Mercer Island has already acquired and/or built most of the facilities needed to meet its LOS
 5 goals (e.g., parks acreage, recreational facilities, water and sewer system capacity, street system capacity,
 6 police, fire and administration buildings). As a result, while a few "LOS deficiencies" must be addressed
 7 over the next 20 years (open space, new trail construction, some street capacity improvements), most
 8 capital financing projections for Mercer Island involve reinvesting in and maintaining existing assets.

9
 10 Listed in Table 2 below is a summary of level of service and financial assumptions (by facility type) used in
 11 making a 20-year expenditure forecast. In looking at the assumptions and projections, the reader should
 12 bear in mind two things: 1) No detailed engineering or architectural design has been made to estimate
 13 costs. The numbers are first level estimates; and, 2) the objective of the analysis is to predict where major
 14 financing issues may arise in the future. The estimates should be used for long range financial and policy
 15 planning; not as budget targets.

16
 17
 18
 19 **Table 2 — Level of Service & Financial Forecasts¹**

Capital Facility	Level of Service Standard	Capital Needs	New Capital Cost (To address deficiency) ²	Annual Reinvestment Cost
Streets- Arterials	LOS "D"	42 locations identified	\$3,322,900 4,058,720	\$1,126,061,000
Residential	None	None	\$0	\$920,684,000
CBD	LOS "C"	42 locations identified	\$1,712,900 2928,000	\$166,000
Arterials	LOS "D"	2 locations identified	\$4,058,720	\$1,126,000
Residential	None	None	\$0	\$920,000
Town Center	LOS "C"	2 locations identified	\$2,928,000	\$166,000
Parking Facilities*	To be assessed*	To be assessed*	To be assessed*	To be assessed*
Existing and New Pedestrian and Bicycle Facilities	See Pedestrian and Bicycle Facilities Plan	Shoulder improvements, 78th Ave. pedestrian and bike improvements, safe routes to school	\$19.6 million	\$327,500
Parks & Open Space	See Parks, Recreation & Open Space (PROS) Plan Expenditure per capita	Dock infrastructure, restrooms, playgrounds, Safe Facilities, Open Space, Trails, trails, and Athletic athletic Fields	\$8-4.3 million	\$1.3 million Parks & Open Space CIP
Recreational Facilities	See See Park & Open Space PROS Plan	None	None	None

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

Existing and New Pedestrian and Bicycle Facilities	Pedestrian and Bicycle Facilities Plan	Shoulder improvements, 78th Ave. pedestrian and bike improvements, safe routes to school	\$19.68 million	\$32,775,5000
Schools	Established in the Mercer Island School District No. 400 Six-Year Capital Facilities Plan as may be amended	Maintenance of existing buildings, new elementary school, middle school and high school expansions	\$98.8 million bond	\$7.5 million levy passed February 2022
Water System Open Space	Expenditure per capita	Standard to be set	To be assessed	None
Water System Supply	6.7 mill. Gal/day	None	None	\$6.54.8 million
Storage	8.0 mill. Gal	None	\$2,750,000	
Distribution	> 30 psi	None	\$55,675,000	
Fire Flow	Multiple	None	None	
	Supply 6.7 m gal/day	None	None	
	Storage 8.0 m gal	None	\$2,750,000	\$6.5 million
	Distribution > 30 psi	None	\$55,675,000	
	Fire Flow Multiple	None	None	
Sanitary Sewer System	0 - Sewer Overflows	Inflow & Infiltration Sewer Lakeline-portion of reaches	\$26 million	\$1.68 million
Storm & Surface Water System				
<u>Piped System</u>				
<u>Ravine Basins</u>				
Washington-DOE				
Stormwater Manual				
Multiple				
Multiple				
\$850,000				
\$365,000 \$425,000 from Utility Rates on average goes to one major basin improvement project annually				
\$1.21 million				
<u>Piped System</u>	WA DOE Stormwater Manual	Multiple	\$850,000	\$1.2 million
<u>Ravine Basins</u>	WA DOE Stormwater Manual	Multiple	\$365,000	
Sanitary Sewer System	0 - Sewer Overflows	Inflow & Infiltration Sewer Lakeline-portion of reaches	\$26 million	\$1.68 million
Schools	Established in the Mercer Island School District No. 400	Maintenance of existing buildings, new elementary school,	\$98.8 million bond	\$9.7.5 million levy passed February 2010 2022

	Six-Year Capital Facilities Plan as may be amended	middle school and high school expansions		
Parking Facilities*	To be assessed*	To be assessed*	To be assessed*	To be assessed*

* An analysis is in progress, capital needs and costs to be evaluated pending completion of studies, after completion of light rail.

Notes:

1. More detailed LOS standards for capacity, operational reliability, and capital facilities needs can be found in the following documents: Transportation Improvement Plan, Water System Plan, General Sewer Plan, Comprehensive Storm Basin Review, Parks, Recreation and Open Space (PROS) Plan, Pedestrian and Bicycle Facilities Plan, Open Space Vegetation Plan, Parks and Recreation Plan 2014—2019, Luther Burbank Master Plan, Ballfield Use Analysis, and the Transportation Element of this Comprehensive Plan.
2. Costs are estimated for the twenty-year planning period from 2024-2044. Actual costs are determined at the time improvements are added to the CIP.
3. Annual reinvestment cost is estimated based on the total estimated twenty-year cost divided by twenty years. Actual costs are not expected to occur annually.

IV. CAPITAL FACILITIES FINANCING

The community should expect most funding for future capital improvements to come from local public sources. Substantial investments in transportation facilities—including parking, sewage collection and conveyance, and stormwater facilities will be needed over the 20-year planning period. Funding for open space acquisition and parks improvements may also be needed to meet community expectations. Private development will finance some minor new capital improvements, such as stormwater facilities, sewage conveyance improvements, and transportation improvements where proposed development will exceed adopted levels of service. Impact fees on new development will also generate some revenue to offset the impact of such growth on Mercer Island's public schools, parks and open space, and transportation facilities.

REVENUE SOURCES

The City's capital program is funded by a variety of revenue sources ranging from largely unrestricted, discretionary sources like General Funds and REET-1 to very restricted sources like fuel taxes and grants. Listed below is a description of the major capital funding sources used by the City.

General Fund Revenues — Revenues from property, sales and utility taxes, as well as licenses and permit fees, other user fees, and state shared revenues. Funds can be used for any municipal purpose and are generally dedicated to the operation of the City's (non-utility) departments and technology and equipment upgrades.

Real Estate Excise Taxes (1 & 2) — Taxes imposed on the seller in real estate transactions. Both REET 1 & 2 taxes are levied at one-quarter of one percent of the sale price of the property. Revenues must be used on the following types of projects:

1 • **REET 1** — Only to projects identified in the City's Capital Facilities Element. Funds can be
2 used for planning, acquisition, construction and repair of streets, roads, sidewalks, streets and
3 road lighting, traffic signals, bridges, water systems storm and sanitary sewer systems, parks,
4 recreational facilities, trails, and public buildings.

5
6 • **REET 2** — Planning, acquisition, construction and repair of streets, roads, sidewalks, streets
7 and road lighting systems, traffic signals, bridges, water systems, storm and sanitary sewer
8 systems, parks, and planning, construction, repair, or improvement of parks.

9
10 **Fuel Taxes** — City's share of fuel taxes imposed and collected by the state. Revenues must be used
11 for maintenance and construction of the City's arterial and residential streets.

12
13 **Voted Debt** — General obligation bonds issued by the City and paid for by a voter-approved increase
14 in property taxes.

15
16 **User Fees** — Utilities fee for the purchase of a City-provided service or commodity (e.g., water, storm
17 and sanitary sewage collection/treatment). Fees usually based on quantity of service or commodity
18 consumed. Revenues (rates) can be used for any operating or capital project related to the delivery
19 of the utility service or commodity.

20
21 **Impact Fees** — The Growth Management Act (GMA) authorizes cities to impose certain types of
22 impact fees on new development. These fees should pay for the development's proportionate share
23 of the cost of providing the public facilities needed to serve the development. Impact fees can be
24 collected for schools, streets, parks and open space, and fire protection.

25 *THE CAPITAL IMPROVEMENT PROGRAM*

26 The City of Mercer Island separates the Capital Improvement Program into two parts: The Capital
27 Reinvestment Program (CRP) and the Capital Facilities Program (CFP). The CRP contains all major
28 maintenance projects for existing public assets. The CFP consists of proposed new capital facilities.

29 30 Capital Reinvestment Plan (CRP)

31
32 The CRP's purpose is to organize and schedule repair, replacement, and refurbishment of public
33 improvements for the City of Mercer Island. The CRP is a six-year program setting forth each of the
34 proposed maintenance projects, the cost, and funding source within the Capital Improvement Program
35 (CIP) element of each biennial budget. These capital projects are generally paid for from existing City
36 resources.

37
38 The program emphasis in a reinvestment plan is timely repair and maintenance of existing facilities. To
39 this effect, while new equipment and improvements are made to some older fixed assets, the intent is to
40 design a program which will preserve and maintain the City's existing infrastructure. The maintenance and
41 enhancement of the taxpayer's investment in fixed assets remains the City's best defense against the
42 enormous cost of the replacement of older but still very valuable public improvements.

43
44 The CRP is intended to be a public document. For this purpose, it is organized by functional area. Hence,
45 any individual who wishes to gain knowledge about a project need not know the funding source or any
46 other technical information but only needs to know the general type of improvement ~~in order to~~ find

1 the relevant information. The Capital Reinvestment Program is divided into four functional programmatic
2 areas: streets and pedestrian and bicycle facilities, park and recreational facilities, general government
3 (buildings, equipment, and technology), and utilities — water, sewer, and storm water drainagesystems.

4
5 CRP projects are typically "pay as you go," which means that they are funded from the current operations
6 of the City Street Fund, CIP Funds, and the utilities funds.

7
8 Capital Facilities Plan (CFP)

9
10 The CFP is a six-year plan to outline proposed new capital projects. The CFP is also divided into four
11 component parts: streets and pedestrian and bicycle facilities, parks and recreation facilities, general
12 government (buildings, equipment, and technology), and utilities — water, sewer, and storm water
13 drainagesystems. Like the CRP, the plan for new facilities provides easy access for the public. Each project
14 in the plan is described briefly and the total cost and appropriation for the next six years is stated.

15
16 Funding for CFP projects will be identified in the Capital Facilities Element Capital Improvement Program
17 (CIP) element of each biennial budget. However, final funding strategies will be decided simultaneously
18 with the approval of the projects. This may involve a bond issue, special grant or a source of revenue that
19 is outside the available cash resources of the City.

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

CIP Project Summary
Capital Facilities Plan (CFP) and Capital Reinvestment Plan (CRP)

D	Description	Plan	Target Completion Date								TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other	
				2023	2024	2025	2026	2027	2028	2029																		
GB0100	City Hall Building Repairs	CRP	ONGOING	370,500	359,100	210,900	210,900	210,900	210,900	1,573,200			1,573,200															
GB0101	Public Works Building Repairs	CRP	ONGOING	210,900	132,240	34,200	91,200	79,800	79,800	628,140			628,140															
GB0102	MICEC Building Repairs	CRP	ONGOING	357,960	430,350	182,400	202,578	190,380	235,980	1,599,648			1,599,648															
GB0103	FS91 and FS92 Building Repairs	CRP	ONGOING	397,860	250,458	239,058	443,688	190,380	109,668	1,631,112			1,631,112															
GB0104	Luther Burbank Administration Repairs	CRP	ONGOING	324,900	286,140	188,100	139,080	91,200	74,100	1,103,520			1,103,520															
GB0105	Thrift Shop Building Repairs	CRP	ONGOING	254,220	342,000	111,720	116,280	128,820	104,880	1,057,920			1,057,920															
GB0107	Honeywell Site Remediation	CRP	Q4 2022	207,500	207,500					415,000	134,356					22,306	21,788	29,050									207,500	
GB0109	Minor Building Repairs	CRP	ONGOING	50,000	50,000	50,000	50,000	50,000	50,000	300,000			150,000			150,000												
GB0110	City Hall Renovation - Paint, Carpet, and Furniture	CRP	Q4 2023	660,000						660,000			660,000															
GB0111	Public Works Building Renovation - Paint, Flooring, and Furniture	CRP	Q4 2023	236,500						236,500			59,125		70,950	70,950	35,475											
GB0112	Municipal Court Renovations	CRP	2026	34,200	119,700	285,000	330,600			769,500			769,500															
GB0113	Police Department Renovation	CRP	2028					256,500	1,824,000	2,080,500			2,080,500															
GB0114	Luther Burbank Administration Building Renovation	CRP	2027			57,000	2,232,865			2,289,865			2,289,865															
GB0115	Facilities Plan	CRP	2025	200,000						200,000			200,000															
GB0116	Facility Access Control and Security	CRP	ONGOING	520,980	282,720	47,880	34,200	28,500	28,500	942,780			942,780															
GB0117	Facility Parking Lot Repairs	CRP	2028	375,000	30,000	132,000	190,000	-	28,000	755,000			641,750				113,250											
GB0118	FS91 Fuel Tank Removal	CRP	Q4 2024	75,000	175,000					250,000			250,000															
GB0120	Public Works Building Roof Replacement	CRP	Q2 2023	330,000						330,000			82,500			99,000	99,000	49,500										
18	GENERAL GOVERNMENT PUBLIC BUILDINGS TOTAL			4,605,520	2,665,208	1,481,258	1,865,526	3,459,345	2,745,828	16,822,685	134,356	-	15,719,560	-	342,256	191,738	227,275	-	-	-	-	-	-	-	-	-	207,500	
GE0101	Minor Fire Tools and Equipment	CRP	Q4 2024	45,500	42,500					88,000			88,000															
GE0107	Fleet Replacements	CRP	ONGOING	676,729	430,211	911,511	1,305,238	1,474,095	1,152,484	5,950,267																	5,950,267	
GE0108	Automated External Defibrillator Replacements	CRP	Q4 2023	94,686						94,686			94,686															
3	GENERAL GOVERNMENT EQUIPMENT TOTAL			816,915	472,711	911,511	1,305,238	1,474,095	1,152,484	6,132,953	-	-	182,686	-	-	-	-	-	-	-	-	-	-	-	-	-	5,950,267	
GT0101	City Information via Web Based GIS	CRP	Q4 2024	55,000				40,000		95,000			95,000															
GT0104	Mobile Asset Data Collection	CRP	Q2 2022			105,000		-	111,000	216,000		163,000															53,000	
GT0105	High Accuracy Aerial Orthophotos	CRP	Q3 2024	35,000		40,000				75,000			75,000															
GT0108	Technology Equipment Replacement	CRP	ONGOING	145,450	253,200	101,280	179,266	129,071	224,584	1,032,851																	1,032,851	
GT0112	GeoGIS Image Server	CRP	Q3 2024	30,000						30,000			30,000															
GT0115	Modernize Municipal Court Services	CRP	Q1 2023	96,000	10,000					106,000			106,000															
GT0116	Emergency Purchases for Equipment and Technology	CRP	ONGOING	25,000	25,000	25,000	25,000	25,000	25,000	150,000			150,000															
GT0117	Cybersecurity Software Update	CRP	Q4 2023	52,500	10,750	-	-	-	-	63,250	10,750		52,500															
8	GENERAL GOVT TECHNOLOGY TOTAL			438,950	298,950	271,280	204,266	194,071	360,584	1,768,101	10,750	163,000	-	508,500	-	-	-	-	-	-	-	-	-	-	-	-	1,032,851	

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

ID	Description	Plan	Target Completion Date	Year							TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other	
				2023	2024	2025	2026	2027	2028	2029																		
PA0100	Open Space Management	CRP	ONGOING	338,000	347,135	356,544	366,235	376,217	386,499	2,170,630			2,105,630										65,000					
PA0101	Recurring Parks Minor Capital	CRP	ONGOING	149,000	154,000	159,000	164,000	169,000	175,000	970,000			970,000															
PA0103	Trail Renovation and Property Management	CRP	ONGOING	54,000	56,000	58,000	60,000	62,000	64,000	354,000			354,000															
PA0104	Lake Water Irrigation Development	CFP	2025		82,000	141,000				223,000			223,000															
PA0107	Aubrey Davis Park Outdoor Sculpture Gallery Improvements Design	CRP	Q4 2024		33,000	68,000	198,000			299,000			124,000									100,000					75,000	
PA0108	Aubrey Davis Park Luther Lid Connector Trail	CFP	Q4 2024		164,000	853,450				1,017,450			1,017,450															
PA0109	Aubrey Davis Park Trail Safety Improvements	CRP	Q4 2023	385,000						385,000			10,000									375,000						
PA0110	Aubrey Davis Lid A Backstop Replacement	CRP	2028					96,000	689,000	785,000			785,000															
PA0111	Aubrey Davis Park Vegetation Management	CRP	ONGOING	117,000	121,000	125,000	129,000	133,000	137,000	762,000			117,000														645,000	
PA0112	Clarke Beach Shoreline Improvements	CRP	2025			2,814,000				2,814,000			1,814,000									1,000,000						
PA0115	Hollerbach SE 45th Trail System	CFP	2025		93,000	425,955				518,955			518,955															
PA0116	Island Crest Park South Field Lights Replacement and Turf Upgrade	CRP	2026		113,000	-	1,160,000	-	-	1,273,000			1,273,000															
PA0117	Island Crest Park Ballfield Backstops Upgrade & North Infield Turf Replacement	CRP	Q4 2023	1,255,000						1,255,000			1,049,000												206,000			
PA0122	Luther Burbank Dock and Waterfront Improvements	CRP	Q4 2024	928,300	6,597,300					7,525,600			3,666,600									3,859,000						
PA0123	Luther Burbank Minor Capital Levy	CRP	ONGOING	110,000	111,100	112,211	113,333	114,466	115,612	676,722			566,722										110,000					
PA0124	Luther Burbank Park Boiler Building Phase 1	CRP	Q4 2023	2,012,300						2,012,300			1,499,300									513,000						
PA0128	Mercerdale Park Master Plan	CRP	Q4 2023	200,000						200,000			200,000															
PA0129	Pioneer Park/Engstrom OS Forest Management	CRP	ONGOING	191,000	197,000	203,000	210,000	217,000	224,000	1,242,000			1,165,000										77,000					
PA0130	Roanoke Park Playground Replacement	CRP	Q4 2024	60,000	431,000					491,000			491,000															
PA0131	South Mercer Turf Replacement and Ballfield Backstops Upgrade	CRP	2025		245,000	3,010,000				3,255,000			2,955,000									300,000						
PA0132	Upper Luther Burbank Ravine Trail Phase 2	CFP	2026			113,000	261,000			374,000			261,000															
PA0133	MICEC Technology and Equipment Replacement	CRP	ONGOING	58,000	58,000	58,000	58,000	58,000	58,000	348,000	108,000																240,000	
PA0136	Luther Burbank Park South Shoreline Restoration	CRP	Q4 2023	575,000						575,000												169,000					406,000	
PA0138	Luther Burbank Swim Beach Renovation Design	CRP	2026		55,000	113,000	1,015,000			1,183,000			683,000									500,000						
PA0140	Aubrey Davis Mountains to Sound Trail Pavement Renovation	CRP	Q4 2024	101,000						101,000			101,000															
PA0141	Aubrey Davis Mountains to Sound Trail Connection at Shorewood	CFP	Q4 2024		82,000					82,000			82,000															
PA0142	Aubrey Davis Park Tennis Court Resurfacing/Shared-Use Pickleball	CRP	Q4 2024		121,000					121,000			63,000														58,000	
PA0143	Luther Burbank Park Tennis Court Renovation/Shared-Use Pickleball	CRP	Q4 2024	107,000	438,000					545,000			202,000									193,000					150,000	
PA0144	Luther Burbank Park Parking Lot Lighting	CRP	Q4 2023		133,000					133,000			133,000															
PA0145	Deane's Children's Park Playground Replacement Design	CRP	Q4 2023	226,000						226,000			226,000															
PA0146	South Point Landing General Park Improvements	CFP	Q4 2024		159,180					159,180			159,180															
PA0147	Roanoke Park General Park & ADA Improvements	CRP	2028					30,000	93,000	123,000			123,000															
PA0148	Aubrey Davis Park Intersection and Crossing Improvements	CRP	2028	80,000	83,000	86,000	89,000	92,000	95,000	525,000			525,000															
PA0149	Ellis Pond Aquatic Habitat Enhancement	CRP	Q4 2023	20,000						20,000							20,000											
PA0150	Spray Park Site Analysis	CFP	Q4 2023	50,000						50,000			50,000															
PA0151	Groveland Beach Dock Replacement & Shoreline Improvements	CRP	2026					4,180,000		4,180,000			3,500,000									680,000						
PA0152	Aubrey Davis MTS Trail Lighting from ICW to Shorewood	CRP	2027			58,000		299,000		357,000			357,000															
PA0153	Mercerdale Hillside Trail Renovation	CRP	2028					120,000	615,000	735,000			735,000															
PA0154	Wildwood Park ADA Perimeter Path & General Park Improvements	CRP	2027				58,000	180,000		238,000			238,000															
PA0155	Aubrey Davis Lid B Playground Replacement and ADA Parking	CRP	2027				232,000	836,000		1,068,000		107,000	961,000															
PA0156	Aubrey Davis Lid B Restroom and ADA Path	CFP	2027				232,000	1,195,000		1,427,000			1,070,250										356,750					
PA0157	Clarke and Groveland Beach Joint Master Plan	CFP	Q4 2023	300,000						300,000			300,000															
PA0158	First Hill Park Playground Replacement & Court Resurfacing	CRP	2026			87,000	329,000			416,000			416,000															
PA0159	Luther Burbank Park Amphitheater Renovation (Design Only)	CRP	2025			85,000				85,000												85,000						
PA0160	MICEC to LBP Star Replacement	CRP	2028					36,000	197,000	233,000			233,000															
PA0161	Secret Park Playground Replacement	CRP	2028					87,000	448,000	535,000			535,000															
PA0162	MICEC Parking Lot Planter Bed Renovation	CRP	2027					239,000		239,000			239,000															
PA0163	MICEC Generator for Emergency Use	CRP	2027					478,000		478,000			478,000															
PA0164	Systemwide Property Acquisition - Reserve	CFP	ONGOING			500,000	500,000		500,000	2,000,000			2,000,000															
PA0165	Bike Skills Area	CFP	Q4 2023	302,500						302,500			302,500															
PA0166	Luther Burbank Park Boiler Building Phase 2	CRP	2028					239,000	3,690,000	3,929,000			3,929,000															
51	PARKS, RECREATION, & OPEN SPACE TOTAL			7,752,100	9,740,715	9,368,160	5,232,568	9,497,683	3,797,111	45,388,337	108,000	107,000	34,877,587				20,000			656,750	85,000	7,389,000	252,000		933,000		960,000	

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

ID	Description	Plan	Target Completion Date	Year						TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other
				2023	2024	2025	2026	2027	2028																	
SP0100	Residential Street Resurfacing	CRP	ONGOING	900,000	920,000	940,000	960,000	980,000	1,000,000	5,700,000		4,320,000			630,000	90,000	660,000									
SP0101	Arterial Preservation Program	CRP	ONGOING	75,000	77,000	78,000	80,000	82,000	83,000	475,000		415,000			12,000	30,000	18,000									
SP0104	North Mercer Way (7500 to Roanoke)	CRP	Q4 2023	616,000		-	-	-	-	616,000		428,000		105,000	8,000	75,000										
SP0106	Gallagher Hill Road Overlay (SE 36th to SE 40th Streets)	CRP	2025		77,000	510,000				587,000		484,000		35,000	8,000	60,000										
SP0107	SE 40th Street Overlay (88th Ave SE to Gallagher Hill Rd)	CRP	2025		51,000	365,000				416,000		402,000		10,000	2,000	2,000										
SP0110	SE 27th Street Overlay (78th Ave SE to 80th Ave SE)	CRP	Q4 2024		668,000					668,000		580,000		25,000	13,000	50,000										
SP0111	80th Ave SE Sidewalk Improvements (SE 27th to SE 32nd Street)	CRP	Q3 2023	1,376,000						1,376,000							1,376,000									
SP0112	78th Ave SE Sidewalk Improvements (SE 32nd to SE 34th Street)	CRP	2025		77,000	702,000				779,000							779,000									
SP0114	West Mercer Way Roadside Shoulders - Ph 4 (8100 WMW - 8400 EMW)	CFP	Q3 2024		693,820					693,820		438,820		85,000	5,000	165,000										
SP0115	Gallagher Hill Road Sidewalk Improvements (SE 36th to SE 40th Streets)	CFP	2025		102,000	409,330				511,330		511,330														
SP0116	SE 40th Street Sidewalk Improvements (Gallagher Hill to 93rd Ave)	CRP	2025		82,000	916,000				998,000		913,000		33,000	6,000	46,000										
SP0118	ADA Transition Plan Implementation	CRP	ONGOING	200,000	204,000		213,000		444,000	1,061,000		657,000					404,000									
SP0122	Minor Capital - Traffic Safety and Operations Improvements	CRP	ONGOING	100,000		104,000		108,000		312,000		312,000														
SP0123	North Mercer Way - MI P&R Frontage Improvements	CRP	2028		1,203,000					1,203,000							1,203,000									
SP0125	P&B Plan Implementation	CFP	ONGOING	100,000		104,000		108,000		312,000		312,000														
SP0128	West Mercer Way Resurfacing (SE 56th to EMW)	CRP	2028			-	-	-	2,150,000	2,150,000		1,850,000		50,000	125,000	125,000										
SP0127	SE 36th Street Overlay (Gallagher Hill Rd to EMW)	CRP	2025			611,000				611,000		508,000		45,000	8,000	50,000										
SP0128	North Mercer Way Overlay (8400 Block to SE 35th Street)	CRP	2026				800,000			800,000		622,000		95,000	8,000	75,000										
SP0131	SE 32nd Street Sidewalk Improvements (77th to 78th Ave. SE)	CRP	2025		51,000	274,000				325,000							325,000									
SP0132	East Mercer Way Roadside Shoulders - Ph 11 (SE 79th St. to 8400 Block)	CFP	2026				531,000			531,000		383,000		62,000		86,000										
SP0133	Pedestrian & Bicycle Facilities Plan Update	CFP	2025			186,000	190,000			376,000		376,000														
SP0134	East Mercer Way Overlay (SE 36th Street to SE 40th Street)	CRP	2027				425,000			425,000		365,000		30,000		30,000										
SP0135	Island Crest Way Corridor Improvements	CFP	Q4 2024	382,000	1,140,035					1,522,035							1,522,035									
SP0136	77th Ave SE Channelization Upgrades (SE 32nd to North Mercer Way)	CRP	2026			-	53,000			53,000		53,000														
SP0137	Traffic Signal Safety Improvements	CRP	Q4 2024	30,000	155,000					185,000		3,000								182,000						
25	STREETS, PEDESTRIANS, & BICYCLE FACILITIES TOTAL			3,779,000	5,500,855	5,013,330	2,823,000	1,893,000	3,677,000	22,686,185	-	13,933,150	-	-	1,217,000	303,000	1,442,000	5,609,035	-	-	182,000	-	-	-	-	

ID	Description	Plan	Target Completion Date	Year						TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other
				2023	2024	2025	2026	2027	2028																	
SU0100	Emergency Sewer System Repairs	CRP	ONGOING	300,000	300,000	300,000	300,000	300,000	300,000	1,800,000					1,800,000											
SU0103	Easement, Access, Codes, and Standards Review	CRP	Q4 2024	150,000	150,000					300,000					300,000											
SU0108	Comprehensive Pipeline R&R Program	CRP	ONGOING	550,000	550,000	550,000	550,000	550,000	550,000	3,300,000					3,300,000											
SU0109	Sewer System Generator Replacement	CRP	ONGOING	200,000	200,000	-	-	-	50,000	450,000					450,000											
SU0113	SCADA System Replacement (Sewer)	CRP	Q4 2024	1,500,000	500,000					2,000,000					2,000,000											
SU0114	Sewer System Components	CRP	ONGOING	50,000	50,000	50,000	50,000	50,000	50,000	300,000					300,000											
SU0115	Sewer Pipe Replacements & Upsizing	CRP	Q4 2024	600,000						600,000					600,000											
SU0116	Comprehensive Inflow/Infiltration Evaluation	CRP	2028				100,000	100,000	100,000	300,000					300,000											
SU0117	Pump Station Rehabilitation & Replacement Assessment	CRP	2025	300,000	300,000					600,000					600,000											
SU0119	Pump Station Accessibility Improvements	CRP	ONGOING			150,000	150,000	200,000	200,000	700,000					700,000											
SU0120	Pump Station & HGMH Flow Monitoring	CRP	ONGOING			300,000	300,000	300,000	300,000	1,200,000					1,200,000											
SU0121	Pipe Flow Monitoring	CRP	ONGOING			280,000	280,000	280,000	280,000	1,120,000					1,120,000											
SU0122	Lake Line Locating and Marking	CRP	2027			950,000	1,025,000	925,000		2,900,000					2,900,000											
SU0123	Lake Line Condition Assessment	CRP	2028						1,000,000	1,000,000					1,000,000											
SU0124	Comprehensive Hydraulic Model Development	CRP	2028					1,000,000	1,000,000	2,000,000					2,000,000											
SU0125	General Sewer Plan Update	CRP	2028					75,000	75,000	150,000					150,000											
SU0126	Shorecliff Ln & SE 24th Pipe Upsize	CRP	2026			60,000	360,000			420,000					420,000											
SU0127	Backyard Sewer System Improvement Program	CRP	ONGOING	130,000	120,000	130,000	120,000	130,000	120,000	750,000					750,000											
SU0128	Pump Station Rehabilitation & Replacement Improvements	CRP	ONGOING	150,000	950,000	800,000	150,000	950,000	800,000	3,800,000					3,800,000											
19	SEWER UTILITY TOTAL			3,830,000	3,120,000	3,570,000	3,385,000	4,860,000	4,825,000	23,690,000	-	-	-	-	23,690,000	-	-	-	-	-	-	-	-	-	-	-

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

ID	Description	Plan	Target Completion Date	2023	2024	2025	2026	2027	2028	TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other	
SW010	Sub basin 47.4 and Sub basin 10.4 Watercourse Stabilization	CRP	2026			58,289	307,150			365,439																	
SW010	Sub basin 24a.1 Watercourse Stabilization	CRP	Q4 2024	18,341	61,642					79,983																	
SW011	Sub basin 39a.2 Watercourse Stabilization	CRP	Q4 2024	17,272	43,640					60,912																	
SW011	Sub basin 46a.3 Watercourse Stabilization	CRP	Q4 2024	52,100	405,500					457,600																	
SW012	Sub basin 34.1 Watercourse Stabilization	CRP	2025		26,500	103,000				129,500																	
SW013	Sub basin 45b.4 Watercourse Stabilization	CRP	2025		30,719	93,047				123,766																	
SW014	Sub basin 29.3 Watercourse Stabilization	CRP	2025		49,266	129,665				178,931																	
SW015	Watercourse Stabilization - Sub-Basin 42.2, 42.3, 42.8, 42.8a	CRP	2026		97,006		378,523			475,529																	
SW016	Watercourse Stabilization - Sub-Basin 44b.3	CRP	2026		32,452	76,840				109,292																	
SW017	Watercourse Stabilization - Sub-Basin 32b.1 and 32.2	CRP	2026		53,600	170,250				223,850																	
SW018	Watercourse Minor Repairs and Maintenance	CRP	2025			111,300				111,300																	
SW012	Stormwater Trunkline Condition and Capacity Assessments	CRP	ONGOING	250,000	250,000	250,000	250,000	250,000	250,000	1,500,000																	
SW012	Basin 18C Drainage Improvement	CRP	Q4 2023	185,000						185,000																	
SW012	Basin 25B Neighborhood Drainage Improvements	CRP	Q4 2023	173,000						173,000																	
SW013	Basin 32B - SE 72nd St Drainage Capacity Improvement	CRP	Q4 2024		189,330					189,330																	
SW013	Basin 42- SE 58th St Drainage Improvement at cul-de-sac	CRP	2025			77,000				77,000																	
SW013	Sub-Basin 22.1 Watercourse Stabilization - Final Design and Construction	CRP	Q4 2023	148,698						148,698																	
SW013	Sub-Basin 25b.2 Watercourse Stabilization - Final Design and Construction	CRP	Q4 2023	155,100						155,100																	
SW013	Emergency Stormwater Conveyance Repairs	CRP	ONGOING	50,000	50,000	50,000	50,000	50,000	50,000	300,000																	
SW013	Conveyance System Assessments (Basin Specific)	CRP	ONGOING	50,000	50,000	50,000	50,000	50,000	50,000	300,000																	
SW013	Conveyance System Improvements (2027-2028)	CRP	2028					1,000,000	1,000,000	2,000,000																	
SW013	Street Related Storm Drainage Improvements	CRP	Q4 2024	100,000	100,000	100,000	100,000	100,000	100,000	600,000																	
22	STORM WATER UTILITY TOTAL			1,199,511	1,256,597	1,205,359	1,382,763	1,450,000	1,450,000	7,944,230																	

ID	Description	Plan	Target Completion Date	2023	2024	2025	2026	2027	2028	TOTAL	General Fund	Street Fund	Capital Imp Fund	Tech & Equip Fund	Water Fund	Sewer Fund	Storm Water Fund	ST Mitigation	Park Impact Fees	1% for the Arts	Grant	Parks Levy	ARPA	King County Levy	Dept Rates	Other		
WU010	Emergency Water System Repairs	CRP	ONGOING	150,000	150,000	150,000	150,000	150,000	150,000	900,000					900,000													
WU010	SCADA System Replacement (Water)	CRP	Q4 2023	75,000						75,000					75,000													
WU010	Water Reservoir Improvements	CRP	Q4 2024	2,805,000	2,750,000					5,555,000					5,555,000													
WU011	Water System Components Replacement	CRP	ONGOING	50,000	50,000	50,000	50,000	50,000	50,000	300,000																		
WU011	Water Modeling and Fire Flow Analysis	CRP	ONGOING	15,000	50,000	15,000	50,000	15,000	50,000	195,000																		
WU011	Meter Replacement Implementation	CRP	Q4 2024	3,850,000	3,005,000					6,855,000					6,855,000													
WU012	First Hill Generator Replacement	CRP	Q4 2024	400,000	400,000					800,000					800,000													
WU012	Reservoir Pump Replacement	CRP	Q4 2024	540,000	540,000					1,080,000					1,080,000													
WU013	2023 Water System Improvements (First Hill, NMW, SE 37th Pl, SE 41st, & SE 42)	CRP	Q4 2023	4,684,000						4,684,000					4,684,000													
WU013	2024 Water System Improvements (8600 Block SE 47th & SE 59th)	CRP	Q4 2024	373,000	2,082,000					2,455,000					2,455,000													
WU013	2026 Water System Improvements (west Island - SE 37th Pl & 5300 block WMW)	CRP	2026			89,000	498,000			587,000					587,000													
WU013	2027 Water System Improvements (south end in Avalon neighborhood)	CRP	2027				352,000	1,970,000		2,322,000					2,322,000													
WU013	2028 Water Main Replacement (south Towncenter and north of P & R)	CRP	2028					443,000	2,475,000	2,918,000					2,918,000													
WU013	2024 AC Main Replacement (Gallagher Hill Rd, Greenbrier and SE 40th)	CRP	Q4 2024	479,000	2,680,000					3,159,000					3,159,000													
WU013	2025 AC Main Replacement (Upper Mercerwood)	CRP	2025		1,040,000	5,822,000				6,862,000					6,862,000													
WU013	2026 AC Main Replacement (3800 Block East Mercer Way)	CRP	2026			451,000	2,529,000			2,980,000					2,980,000													
WU013	2027 AC Main Replacement (Lower Mercerwood)	CRP	2027				576,000	3,227,000		3,803,000					3,803,000													
WU013	2028 AC Main Replacement (SE 40th to SE 36th and 97th Ave to EMW)	CRP	2028					289,000	1,616,000	1,905,000					1,905,000													
WU014	Pressure Reducing Valve Station Replacements	CRP	ONGOING	395,000	2,025,000	2,025,000	395,000	2,025,000	-	6,865,000																	4,445,000	
WU014	Street Related Water System Improvements	CRP	ONGOING	150,000	150,000	150,000	150,000	150,000	150,000	900,000					900,000													
WU014	Emergency Well #2 Site Evaluation	CRP	Q4 2024		45,000					45,000					45,000													
21	WATER UTILITY TOTAL			13,966,000	14,967,000	8,752,000	4,750,000	8,319,000	4,491,000	55,245,000					50,800,000												4,445,000	
166	TOTAL			\$ 36,487,996	\$ 38,022,036	\$ 30,572,898	\$ 20,948,361	\$ 31,147,194	\$ 22,499,007	\$ 179,677,490	\$ 253,106	\$ 14,203,150	\$ 50,597,147	\$ 691,186	\$ 52,359,256	\$ 24,184,738	\$ 9,633,505	\$ 5,609,035	\$ 656,750	\$ 85,000	\$ 7,571,000	\$ 252,000	\$ 4,445,000	\$ 933,000	\$ 6,983,117	\$ 1,220,500		

Parks, Recreation and Open Space Project Description Funded — No Changes	Project Costs							Source of Funds															
	2014	2015	2016	2017	2018	2019	2020	Total	GF	ST	CF	WU	SW	ST	PA	1%	GR	PL	AR	KL	DR	OT	

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

23	Recurring Park Projects	Parks Repairs and Maintenance	0	120	120	130	130	130	130	760	760	0	0	0	0	0	0	0	0	0	0
24	Luther Burbank Park Minor Improvements	Parks Improvements	0	110	110	110	110	110	110	660	0	0	0	0	0	0	0	0	660	0	0
Funded — Modified																					
25	Open Space —Vegetation Management	Open Space	421	428	456	444	458	473	488	2,697	1,845	0	0	0	0	0	0	0	852	0	0
26	Aubrey Davis Park Improvements	Parks Repairs and Maintenance	0	0	0	291	165	100	40	596	446	0	0	0	0	0	0	0	0	0	150
27	Homestead Field — Minor Improvements	Parks Repairs and Maintenance	0	0	0	114	0	0	0	114	114	0	0	0	0	0	0	0	0	0	0
28	MICEC Master Plan	Parks Repairs and Maintenance	0	25	0	79	0	0	0	104	79	0	0	0	25	0	0	0	0	0	0
29	Swim Beach Repairs and Renovations	Parks Repairs and Maintenance	0	935	55	16	110	0	110	1,226	1,226	0	0	0	0	0	0	0	0	0	0
Funded — New Project																					
30	Mercerdale Park Improvements	Parks Improvements	0	0	0	0	134	104	0	238	238	0	0	0	0	0	0	0	0	0	0
Unfunded or Partially Funded Modified																					
31	Small Parks, Street Ends and Other Improvements	Parks Improvements	0	0	0	40	150	325	189	704	229	0	0	0	300	0	100	75	0	0	0
32	Island Crest Park Improvements	Parks Repairs and Maintenance	0	0	0	400	64	0	0	1,264	214	0	0	0	0	0	550	500	0	0	0
33	South Mercer Playfields Park Improvements	Parks Repairs and Maintenance	0	100	0	112	570	0	0	782	139	0	0	0	0	0	0	73	0	0	570
34	Luther Burbank	Parks Improvements	0	35	85	424	52	152	38	786	434	0	0	0	0	0	0	200	0	0	152

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

	Major Improvements																				
35	Island Crest Park Ballfield Lights Replacement	Parks Repairs and Maintenance	0	500	0	0	0	0	0	500	455	0	0	0	0	0	0	45	0	0	0
Total Parks, Recreation and Open Space costs			421	2,253	826	2,160	1,943	1,394	1,105	10,431											

Streets, Pedestrian and Bicycle Facilities			Project Costs								Source of Funds											
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	SP	OP	FF	LI	SP	OP	FF	LI	SP	OP
Funded — No Changes																						
36	Arterial Preservation Program	Annual Street Maintenance Program	80	70	90	70	70	70	70	440	0	440	0	0	0	0	0	0	0	0	0	0
37	Pavement Marking Replacement	Annual Street Maintenance Program	47	66	70	72	75	78	81	442	0	442	0	0	0	0	0	0	0	0	0	0
38	Island Crest Way Resurfacing Phase 2	Arterial Street Improvements	0	0	1,355	0	0	0	0	1,355	0	1,355	0	0	0	0	0	0	0	0	0	0
39	SE 40th Street (76th Ave. to ICW)	Arterial Street Improvements	0	692	0	0	0	0	0	692	0	692	0	0	0	0	0	0	0	0	0	0
Funded — Modified																						
40	Residential Street Overlays	Annual Street Maintenance Program	496	738	477	806	516	872	558	3,967	0	3,967	0	0	0	0	0	0	0	0	0	0
41	Town Center Streets — South	Town Center Street Reconstruction	0	170	0	223	0	0	0	393	0	393	0	0	0	0	0	0	0	0	0	0
42	Arterial Street Improvements (2017—2020)	Arterial Street Improvements	0	0	0	538	539	1,378	520	2,975	0	2,975	0	0	0	0	0	0	0	0	0	0
43	Town Center Streets — North	Town Center Street Reconstruction	0	0	0	468	0	0	0	468	0	468	0	0	0	0	0	0	0	0	0	0

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

Funded — New Project																				
44	Island Crest Way Crosswalk Enhancement — SE 32nd	Pedestrian and Bicycle Facilities	0	25	0	0	0	0	0	25	0	25	0	0	0	0	0	0	0	0
Unfunded or Partially Funded Modified																				
45	SE 40th St Corridor (East of ICW)	Arterial Street Improvements	50	0	0	0	759	0	0	759	0	759	0	0	0	0	0	0	0	0
Total Streets, Pedestrian and Bicycle Facilities costs			673	1,761	1,992	2,177	1,959	2,398	1,229	11,516										

General Government			Project Costs							Source of Funds											
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
Funded — No Changes																					
46	Computer Equipment Replacements	Technology	207	112	105	142	131	122	122	734	0	0	0	0	0	734	0	0	0	0	
47	High Accuracy Orthophotos	Technology	0	30	0	0	30	0	0	60	0	0	0	60	0	0	0	0	0	0	
48	Firefighting Equipment	Small Technology/ Equipment	29	36	35	32	40	30	36	209	0	0	0	209	0	0	0	0	0	0	
49	Website Redesign	Technology	0	0	0	0	39	0	0	39	0	0	0	39	0	0	0	0	0	0	
50	Financial System Upgrades	Technology	67	0	0	0	0	93	0	93	0	0	19	74	0	0	0	0	0	0	
51	Server Software Updates	Technology	120	0	0	0	0	120	120	240	0	0	0	240	0	0	0	0	0	0	
52	Mobile Asset Data Collection	Technology	0	0	84	0	0	84	0	168	0	168	0	0	0	0	0	0	0	0	
53	City Information via Web-Based GIS	Technology	0	0	0	55	0	0	55	110	0	0	0	110	0	0	0	0	0	0	
54	Fuel Clean Up	Other Equipment	79	80	80	82	82	0	0	324	0	0	0	0	0	0	0	0	0	324	
55	Self-Contained Breathing	Other Equipment	0	0	0	0	306	0	0	306	0	0	0	306	0	0	0	0	0	0	

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

	Apparatus Replacement																				
56	Police In-Car Video System Replacement	Technology	0	0	0	0	0	63	0	63	0	0	0	0	0	0	0	0	0	0	63
Funded — Modified																					
57	City Hall Building Repairs	Public Buildings	97	186	143	350	206	128	131	1,144	1,144	0	0	0	0	0	0	0	0	0	0
58	Maintenance Building Repairs	Public Buildings	35	50	64	94	108	204	72	592	147	0	445	0	0	0	0	0	0	0	0
59	Thrft Shop Repairs	Public Buildings	55	63	46	49	32	37	35	262	0	0	0	0	0	0	262	0	0	0	0
60	North Fire Station Repairs	Public Buildings	58	56	46	60	77	112	142	493	493	0	0	0	0	0	0	0	0	0	0
61	South Fire Station Repairs	Public Buildings	0	0	0	30	30	42	42	144	144	0	0	0	0	0	0	0	0	0	0
62	Luther Burbank Admin Building Repairs	Public Buildings	103	95	79	145	31	199	78	627	627	0	0	0	0	0	0	0	0	0	0
63	MI Community and Event Center Building Repairs	Public Buildings	110	175	192	191	218	180	346	1,302	1,257	0	0	0	45	0	0	0	0	0	0
64	Fire Apparatus Replacements	Other Equipment	0	338	0	0	745	0	0	1,083	0	0	0	0	0	0	0	0	0	1,083	0
65	Maintenance Management System	Technology	0	0	0	199	0	0	0	199	0	0	150	49	0	0	0	0	0	0	0
66	Fleet Replacements	Other Equipment	414	684	539	1,136	661	262	973	4,255	0	0	0	0	0	4,255	0	0	0	0	0
Funded — New Project																					
67	Disaster Recovery	Technology	0	85	38	0	0	0	0	123	0	0	0	123	0	0	0	0	0	0	0
68	Public Infrastructure Data Projects	Small Technology/ Equipment	0	67	68	0	0	0	0	135	0	0	0	135	0	0	0	0	0	0	0
69	Recreation and Facility Booking System	Technology	0	0	186	0	0	0	0	186	0	0	0	186	0	0	0	0	0	0	0

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

70	Telemetry Communications Replacement	Technology	0	47	0	0	0	0	0	47	0	0	47	0	0	0	0	0	0	0
71	Dedicated EOC Space	Public Buildings	0	138	0	0	0	0	0	138	138	0	0	0	0	0	0	0	0	0
Unfunded or Partially Funded Modified																				
72	MICEG Technology & Equipment Replacement	Small Technology/ Equipment	0	175	58	93	50	43	51	470	0	0	0	470	0	0	0	0	0	0
Total General Government costs			1,374	2,417	1,763	2,658	2,786	1,719	2,203	13,546										

Sewer Utility			Project Costs								Source of Funds																	
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	CF	H	S	F	FE	CE	CF	H	S	F	FE	CE	CF	H	S	F	FE	CE
Funded — No Changes																												
73	General Sewer System Improvements	Sewer System Improvements	0	300	350	400	400	400	400	2,250	0	0	2,250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
74	Sewer System Emergency Repairs	Sewer System Rehabilitation	50	50	50	50	50	50	50	300	0	0	300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
75	Sewer System Generator Replacement	Sewer System Rehabilitation	0	0	160	0	170	0	0	330	0	0	330	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
76	Sewer System Pump Station Improvements	Sewer System Rehabilitation	60	65	65	65	65	65	65	390	0	0	390	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	Street Related Sewer CIP Projects	Sewer System Improvements	50	30	30	30	30	30	30	180	0	0	180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Funded — Modified																												
78	East Mercer Way Sewer Replacement	Sewer System Improvements	0	0	0	500	0	0	0	500	0	0	500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
79	General Sewer Plan — 20-year Capital Plan Update	Sewer System Improvements	50	75	0	0	0	0	0	75	0	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

Funded — New Project																				
80	Backyard Sewer System Improvements	Sewer System Improvements	0	25	175	25	175	25	175	600	0	0	600	0	0	0	0	0	0	0
81	Sewer System Special Catch Basins	Sewer System Rehabilitation	0	150	150	0	0	0	0	300	0	0	300	0	0	0	0	0	0	0
82	Sewer Main Repair in Sub-Basin 27 Watercourse	Sewer System Rehabilitation	0	315	0	0	0	0	0	315	0	0	315	0	0	0	0	0	0	0
83	Reach 4 Lake Line Replacement — Feasibility & Assess	Other Sewer System Projects	0	0	0	0	0	0	150	150	0	0	150	0	0	0	0	0	0	0
Total Sewer Utility costs			210	1,010	980	1,070	890	570	870	5,390										

Storm Drainage Utility		Project Costs									Source of Funds										
Project Description		2014	2015	2016	2017	2018	2019	2020	Total	FF	LF	CF	UF	FF	LF	CF	UF	FF	LF	CF	UF
Funded — No Changes																					
84	Neighborhood Spot Drainage Improvements	Neighborhood Drainage Improvements	80	85	85	90	90	95	95	540	0	0	540	0	0	0	0	0	0	0	0
85	Watercourse Condition Assessments	Watercourse Projects	25	15	25	15	25	15	25	120	0	0	120	0	0	0	0	0	0	0	0
Funded — Modified																					
86	Drainage System Replacements (2017—2020)	Other Storm Drainage System Projects	0	0	0	125	125	125	125	500	0	0	500	0	0	0	0	0	0	0	0
87	Watercourse Minor Repairs/ Maintenance	Watercourse Projects	15	20	20	20	20	20	20	120	0	0	120	0	0	0	0	0	0	0	0
88	Watercourse Stabilization	Watercourse Projects	0	0	0	289	427	416	329	1,461	0	0	1,461	0	0	0	0	0	0	0	0

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

	Projects (2017—2020)																				
89	Sub-Basins 51a.1/ 52.1 Watercourse Stabilization Project	Watercourse Projects	0	0	183	0	0	0	0	183	0	0	183	0	0	0	0	0	0	0	
90	Sub-Basin 49b Watercourse Stabilization Project	Watercourse Projects	0	0	256	0	0	0	0	256	0	0	256	0	0	0	0	0	0	0	
91	Sub-Basin-27a Ph. 1— Watercourse Stabilization	Watercourse Projects	0	341	0	0	0	0	0	341	0	0	341	0	0	0	0	0	0	0	
92	Drainage System Video Inspection Program	Other Storm Drainage System Projects	30	60	0	0	0	0	0	60	0	0	60	0	0	0	0	0	0	0	
93	Drainage System Emergency Repairs	Other Storm Drainage System Projects	15	20	20	20	20	20	20	120	0	0	120	0	0	0	0	0	0	0	
Funded — New Project																					
94	Sub-Basin 18c Drainage System Extension	Watercourse Projects	0	175	0	0	0	0	0	175	0	0	175	0	0	0	0	0	0	0	
95	Sub-Basin 6 Drainage System Extension	Other Storm Drainage System Projects	0	100	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	0	
96	Sub-Basin 14 Drainage System Extension	Other Storm Drainage System Projects	0	115	0	0	0	0	0	115	0	0	115	0	0	0	0	0	0	0	
97	Sub-Basin-27a Culvert Replacement- 4900 ICW	Other Storm Drainage System Projects	0	0	150	0	0	0	0	150	0	0	150	0	0	0	0	0	0	0	
Total Storm Drainage Utility costs			165	931	739	559	707	691	614	4,241											

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

Water Utility			Project Costs								Source of Funds												
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF
Funded — No Changes																							
98	Water Model Updates/ Fire Flow Analysis	Other Water System Projects	25	0	25	0	25	0	25	75	0	0	75	0	0	0	0	0	0	0	0	0	
99	Water System Plan Update	Other Water System Projects	60	0	0	0	0	0	60	60	0	0	60	0	0	0	0	0	0	0	0		
100	ICW & 85th Ave. Water System Improvements	Water System Improvements	0	1,747	0	0	0	0	0	1,747	0	0	1,747	0	0	0	0	0	0	0	0		
101	SE 29th Street Water System Improvements	Sub-standard Water Main Replacement	0	0	0	0	54	314	0	368	0	0	368	0	0	0	0	0	0	0	0		
102	93rd, 89th, & 90th Ave SE Water System Improvement	Sub-standard Water Main Replacement	166	971	0	0	0	0	0	971	0	0	971	0	0	0	0	0	0	0	0		
103	Street Related Water CIP Projects	Water System Improvements	200	150	200	200	200	200	200	1,150	0	0	1,150	0	0	0	0	0	0	0	0		
104	Water System Components Replacement	Water System Improvements	30	35	35	35	35	35	35	210	0	0	210	0	0	0	0	0	0	0	0		
105	3838 WMW Water System Improvements	Sub-standard Water Main Replacement	0	0	65	377	0	0	0	442	0	0	442	0	0	0	0	0	0	0	0		
Funded — Modified																							
106	Hydrant Replacements	Water System Improvements	0	0	300	0	300	0	300	900	0	0	900	0	0	0	0	0	0	0	0		
107	Meter Replacement Program	Other Water System Projects	45	100	100	100	100	100	100	600	0	0	600	0	0	0	0	0	0	0	0		
108	EMW 5400 to 6000 Block	Water System Improvements	0	0	219	1,276	0	0	0	1,495	0	0	1,495	0	0	0	0	0	0	0	0		

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

	Watermain & PRV Stations																				
109	Madrona Crest-West Addition Water Sys Improvements	Sub-standard Water Main Replacement	0	280	1,622	0	0	0	0	1,902	0	0	1,902	0	0	0	0	0	0	0	
Funded — New Project																					
110	82nd Ave & Forest Ave Water System Improvements	Water System Improvements	0	0	0	120	695	0	0	815	0	0	815	0	0	0	0	0	0	0	
111	SE 22nd St — SE 22nd Pl Water System Improvement	Sub-standard Water Main Replacement	0	0	0	0	142	823	0	965	0	0	965	0	0	0	0	0	0	0	
112	9700-Block SE 41st St Water System Improvements	Sub-standard Water Main Replacement	0	80	461	0	0	0	0	541	0	0	541	0	0	0	0	0	0	0	
113	76th Ave SE Water System Improvements	Sub-standard Water Main Replacement	0	0	0	0	68	394	0	462	0	0	462	0	0	0	0	0	0	0	
114	Madrona Crest-East Addition Water Sys Improvements	Sub-standard Water Main Replacement	0	0	0	0	0	285	2,092	2,377	0	0	2,377	0	0	0	0	0	0	0	
115	Reservoir Generator Replacement	Other Water System Projects	0	0	100	0	0	0	0	100	0	0	100	0	0	0	0	0	0	0	
116	Water Advisory Action Plan Follow-up	Other Water System Projects	0	550	578	0	0	0	0	1,128	0	0	1,128	0	0	0	0	0	0	0	
Total Water-Utility costs			526	3,913	3,705	2,108	1,619	2,151	2,812	16,308											
Total Capital Reinvestment Plan			3,369	12,285	10,005	10,732	9,904	8,923	8,833	61,432											

Parks, Recreation and Open Space	Project Costs	Source of Funds
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Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	ST	DE	FF	FF	GE	BE	FE	CE	GF	FE	DE	CF	
Funded — No Changes																									
117	Recreational Trail Connections	Open Space	0	89	90	91	93	95	0	458	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Funded — New Project																									
118	Luther Burbank Playground Mosaic	Parks Improvements	0	26	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
119	Wall Mural at I-90/ West Mercer Way on-ramp	Parks Improvements	0	25	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25
Total Parks, Recreation and Open Space costs			0	140	90	91	93	95	0	509															

Streets, Pedestrian and Bicycle Facilities			Project Costs								Source of Funds														
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	ST	DE	FF	FF	GE	BE	FE	CE	GF	FE	DE	CF	
Funded — No Changes																									
120	Pedestrian and Bicycle Facilities Plan Implementation	Pedestrian and Bicycle Facilities	45	0	0	45	45	45	45	180	0	180	0	0	0	0	0	0	0	0	0	0	0	0	0
121	Safe Routes to New Elementary School	Pedestrian and Bicycle Facilities	0	454	0	0	0	0	0	454	0	454	0	0	0	0	0	0	0	0	0	0	0	0	0
Funded — Modified																									
122	East Mercer Way Roadside Shoulders, Phases 9-11	Pedestrian and Bicycle Facilities	0	0	358	0	303	0	406	1,067	0	1,067	0	0	0	0	0	0	0	0	0	0	0	0	0
Funded — New Project																									
123	Safe Routes — Madrona-Crest (86th Ave) Sidewalk	Pedestrian and Bicycle Facilities	0	170	0	0	340	0	0	510	0	510	0	0	0	0	0	0	0	0	0	0	0	0	0

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

124	West Mercer Way Roadside Shoulders (7400—8000 blk)	Pedestrian and Bicycle Facilities	0	0	417	0	0	0	0	417	0	417	0	0	0	0	0	0	0	0	0
125	84th Ave Path (SE 39th to Upper Luther Burbank Park)	Pedestrian and Bicycle Facilities	0	70	0	0	0	0	0	70	0	70	0	0	0	0	0	0	0	0	0
Total Streets, Pedestrian and Bicycle Facilities costs			45	694	775	45	688	45	451	2,698											

General Government			Project Costs							Source of Funds																					
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	SP	U	U	U	Ge	ad	Be	all	Fe	as	Co	all	Gr	ad	Le	ur	De	bt	Ot
Funded — No Changes																															
126	Small Technology/ Equipment Items	Small Technology/ Equipment	25	25	25	50	50	50	50	250	0	0	0	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Funded — Modified																															
127	Car Port (Patrol Vehicles)	Public Buildings	0	76	0	0	0	0	0	76	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	
128	Sustainability Project Investment	Public Buildings	0	25	0	0	0	0	0	25	0	0	0	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Funded — Modified																															
129	Light Rail Station Planning	Planning and Design	0	0	0	50	0	0	0	50	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total General Government costs			25	126	25	100	50	50	50	401																					

Storm Drainage Utility			Project Costs							Source of Funds																					
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	SP	U	U	U	Ge	ad	Be	all	Fe	as	Co	all	Gr	ad	Le	ur	De	bt	Ot
Funded — Modified																															
130	Basins 10 & 32b Dissolved	Other Storm Drainage	40	40	40	20	20	0	0	120	0	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Mercer Island, Washington, Comprehensive Plan, Element 6 - Capital Facilities -

	Metals Source Identification	System Projects																		
131	Water Quality Treatment Improvements	Other-Storm Drainage System Projects	75	0	0	75	0	75	0	150	0	0	150	0	0	0	0	0	0	0
132	Street-Related Drainage Improvements	Other-Storm Drainage System Projects	75	95	95	100	100	105	105	600	0	0	600	0	0	0	0	0	0	0
Funded — New Project																				
133	Drainage System Extensions (2017—2020)	Other-Storm Drainage System Projects	0	0	0	125	125	125	125	500	0	0	500	0	0	0	0	0	0	0
Total Storm Drainage Utility costs			190	135	135	320	245	305	230	1,370										

Water Utility			Project Costs							Source of Funds													
Project Description			2014	2015	2016	2017	2018	2019	2020	Total	FF	LI	CF	PF	U	CF	U	CF	U	CF	U	CF	U
Funded — Modified																							
134	New Pressure Reducing Valve (PRV) Stations	Other Water System Projects	0	0	0	0	0	50	400	450	0	0	450	0	0	0	0	0	0	0	0	0	0
Total Water Utility costs			0	0	0	0	0	50	400	450													
Total Capital Facilities Plan			260	1,095	1,025	556	1,076	545	1,131	5,428	260	1,095	1,025	556	1,076	545	1,131	5,428					
Grand Total			3,629	13,380	11,030	11,288	10,980	9,468	9,964	66,110	3,629	13,380	11,030	11,288	10,980	9,468	9,964	66,110					

V. CAPITAL FACILITIES GOALS AND POLICIES

Together with the City's Management and Budget Policies contained in the City's budget (and Capital Improvement Program), the following goal and policies guide the acquisition, maintenance, and investment in the City's capital assets.

GOAL 1:

Ensure that capital facilities and public services necessary to support existing and new development are available at locally adopted levels of service.

- 1.1 The Capital Improvement ~~Plan-Program~~ (CIP) shall identify and plan for projects needed to maintain adopted levels of service for services provided by the City.
- 1.2 The City shall schedule capital improvements in accordance with the adopted six-year ~~Capital Improvement Program~~CIP. From time to time, emergencies or special opportunities may be considered that may require a re-scheduling of projects in the CIP.
- 1.3 The CIP shall be developed in accordance with requirements of the Growth Management Act and consistent with the Capital Facilities Element of the City's Comprehensive Plan.
- 1.4 Provide affordable and equitable access to public services to all communities, especially the historically underserved.
- 1.45 If projected expenditures for needed capital facilities exceed projected revenues, the City shall re-evaluate the established service level standards and the Land Use Element of the Comprehensive Plan, seeking to identify adjustments in future growth patterns and/or capital investment requirements.
- 1.56 Within the context of a biennial budget, the City shall update the six-year ~~Capital Improvement Plan (CIP)~~ every two years. The CIP, as amended biennially, is adopted by reference as Appendix B of this Comprehensive Plan.
- 1.67 The City's two-year capital budget shall be based on the six-year CIP.
- 1.78 The Capital Facilities Element shall be periodically updated to identify existing and projected level of service deficiencies and their public financing requirements, based on projected population growth. Capital expenditures for maintenance, upgrades and replacement of existing facilities should be identified in the biennial budget and six-year ~~Capital Improvement Program~~CIP.
- 1.89 The City shall coordinate development of the capital improvement budget with the general fund budget. Future operation costs associated with new capital improvements should be included in operating budget forecasts.
- 1.910 The City shall seek to maintain its assets at a level adequate to protect capital investment and minimize future maintenance and replacement costs.

- 1 1.1011 Highest priority for funding capital projects should be for improvements that protect the
2 public health and safety.
3
- 4 1.1112 The City will adopt a Hazard Mitigation Plan. This Plan will be updated periodically and
5 shall guide City efforts to maintain reliability of key infrastructure and address vulnerabilities
6 and potential impacts associated with natural hazards.
7
- 8 1.1213 Maintenance of and reinvestment in existing facilities should be financed on a "pay as you
9 go" basis using ongoing revenues.
10
- 11 1.1314 Acquisition or construction of new capital assets should be financed with new revenues
12 (such as voter approved taxes or external grants).
13
- 14 1.1415 Water, sanitary sewer, and storm water capital investments less than \$2,000,000 in value
15 should be financed through utility user fees.
16
- 17 1.1516 ~~The City shall~~ Coordinate with other entities that provide public services within the City
18 to encourage the consistent provision of adequate public services.
19
- 20 1.1617 Develop and adopt new impact fees, or refine existing impact fees, in accordance with
21 the Growth Management Act, as part of the financing for public facilities. Public facilities for
22 which impact fees may be collected shall include public streets and roads; publicly owned parks,
23 open space and recreation facilities; school facilities; and City fire protection facilities.
24
- 25 1.1718 In accordance with the Growth Management Act, impact fees shall only be imposed for
26 system improvements which are reasonably related to the new development; shall not exceed
27 a proportionate share of the costs of system improvements reasonably related to the new
28 development; and shall be used for system improvements that will reasonably benefit the new
29 development.
30
- 31 1.1819 The City adopts by reference the "standard of service" for primary and secondary
32 education levels of service set forth in the Mercer Island School District's capital facilities plan,
33 as adopted and periodically amended by the Mercer Island School District Board of Directors.
34
- 35 1.1920 The School District's capital facilities plan, as amended yearly, is adopted by reference as
36 Appendix C of this Comprehensive Plan for the purpose of providing a policy basis for collection
37 of school impact fees.
38
- 39 1.2021 City operations should be optimized to minimize carbon footprint impacts, especially with
40 respect to energy consumption, ~~and~~ waste reduction, and procurement. New Capital Facilities
41 should incorporate and encourage the sustainable stewardship of the natural environment,
42 consider the benefit of creating cutting-edge, demonstration projects, and favor options that
43 have the lowest feasible carbon footprint and greatest carbon sequestration potential. The
44 City's commitment to adopted adoption of GHG emission reduction targets as part of its
45 membership in the K4C recommended by K4C should be considered as part of any CIP project.
46
- 47 1.2122 City procurement should include consideration of total lifecycle costs, recycled content,
48 and other common measures of product sustainability.

1
2 ~~1.2223~~ ~~Current City facilities are~~ Operated City facilities in an energy-efficient manner, and
3 opportunities for improvement are implemented when feasible. New City facilities should
4 explore meeting public and private-sector sustainable building certification standards, such as
5 the 'BuiltGreen' system and the Leadership in Energy and Environmental Design (LEED) system,
6 both of which are required by City Code for all multi-family and commercial construction in
7 Town Center.
8

9 ~~1.2324~~ ~~Parks and Open Space Capital Facilities~~ — Identify measures to reduce carbon footprint
10 and GHG emissions when planning projects, favoring options with the lowest feasible carbon
11 footprint and greatest carbon sequestration potential. Implement sustainability measures
12 identified within the ~~City's Parks and Recreation Management~~ Parks, Recreation and Open
13 Space (PROS) Plan, including special attention to direct sustainability measures, such as tree
14 retention, preservation and restoration of habitat areas, establishment of climate-resilient
15 landscapes, preference for native vegetation and habitat creation, minimized use of chemicals,
16 and reductions in energy and fuel use.
17

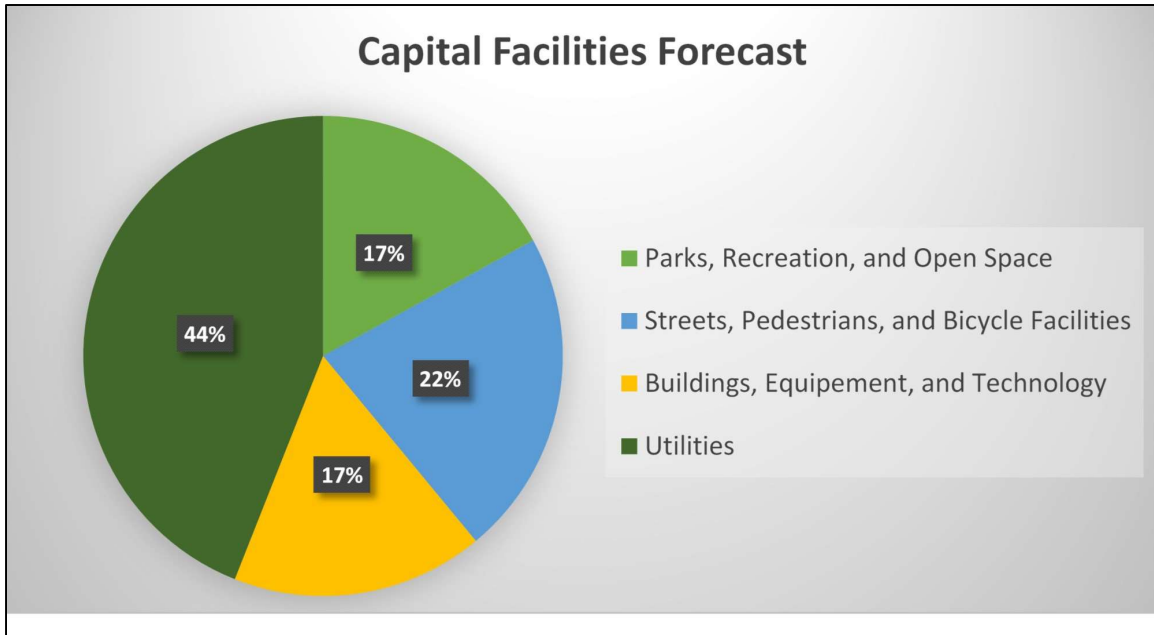
18 ~~1.2425~~ Implement proposed projects in the City's Pedestrian and Bicycle Facilities Plan (PBF),
19 with emphasis placed on quick and affordable early fixes that demonstrate the City's progress
20 in providing safe alternative transportation modes to the public.
21
22

23 **VI. CAPITAL FACILITIES FINANCIAL FORECAST**

24 In analyzing the City's existing and projected expenditure and revenues for its capital facilities in light of
25 the City's established levels of service standards (LOS) and capital financing policies (city budget), a
26 sustainable 20-year forecast emerges. Figure 2 and Table 3 below shows the 20-year impacts of capital
27 investments for the City's infrastructure.
28

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Figure 2 Capital Facilities Forecast



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Table 3 Capital Facilities Forecast

		Streets and Trails (PBF)	Parks & Open Space	Public Buildings	Water	Sewer	Storm Drainage
CAPITAL COSTS	20-year est. capital expenditures	60,300,600	43,613,471	19,039,743	121,593,481	26,280,635	28,072,472
REVENUE SOURCES	REET 1		28,564,570	14,644,728			
	REET 2	43,209,298					
	Grants	1,000,000	3,292,500	3,292,500			150,000
	Fuel Taxes	7,081,833					
	Water Rates				247,137,290		
	Sewer Rates					216,381,050	
	Storm Rates						50,135,809
	Levy		458,000				
	Debt			1,560,000			
	TBD	7,000,000					
Other	2,009,469	14,410,753	2,835,015				

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VII. PROCESS FOR SITING PUBLIC FACILITIES

BACKGROUND STATE & COUNTY

The Growth Management Act requires that jurisdictions planning under its authority develop and adopt a process for identifying and siting essential public facilities, including those facilities typically difficult to site.

The State Office of Financial Management maintains a list of those essential state facilities that are required or likely to be built within the next six years. The list includes: airports; state education facilities; state or regional transportation facilities; state and local correctional facilities; solid waste handling facilities; in-patient facilities including substance abuse facilities, mental health facilities and group homes; waste-water treatment facilities; utility and energy facilities; and parks and recreation facilities.

King County policies also identify the parameters for the siting of new public capital facilities of a county- or state-wide nature. The facilities shall be sited so as to support countywide land use patterns, support economic activities, mitigate environmental impacts, provide amenities or incentives, and minimize public costs. Public facilities development projects are also to be prioritized, coordinated, planned and sited through an inter jurisdictional process.

Interstate 90 represents the community's largest essential public facility of a regional or statewide nature. Given the lack of available land, the residential nature of Mercer Island and the comparatively high land and development costs, future siting of major regional or state facilities on Mercer Island is most likely unrealistic and incompatible with existing land uses.

MERCER ISLAND FACILITIES

At the local level, the City of Mercer Island identifies facilities as essential to the community: public safety facilities (fire and police), general administration and maintenance (City Hall), Public Works operations (public works facility), public library, public schools and facilities housing human services and recreation/community service programs. These facilities are not generally classified as "essential public facilities" as they do not have the same level of regional importance and difficulty in siting. Though not "essential" under GMA, these public facilities provide public services that are important to the quality of life on Mercer Island and should be available when and where needed.

The City of Mercer Island employs many methods in the planning for and siting of public facilities: land use codes, environmental impact studies, and compliance with state and federal regulatory requirements. In addition, the Transportation, Utilities and Capital Facilities Elements of the Comprehensive Plan identify existing and future local public facilities and require substantial public involvement in the siting of those facilities.

However, because the vast majority of Mercer Island's available land has been developed for residential uses (over 95 percent), siting most public facilities that are generally regarded as not compatible with residential land uses becomes problematic.

In the past, siting local public or human services facilities has produced a wide range of responses within the community. Community acceptance is a significant issue and nearly always has a strong influence on final site selection. Developing a basic framework for community involvement early in the facilities

1 development process clearly enhances the whole siting process. The City should establish a public
2 participation plan that involves the community during the siting and development processes and, if
3 necessary, after operations begin at the facility.
4

5 In large part, the most effective facilities siting approaches include early community notification and
6 ongoing community involvement concerning both the facilities and the services provided at the site. Use
7 of these strategies creates opportunities to build cooperative relationships between the City, the adjacent
8 neighbors and the broader community who use the services. They also help to clearly define the rights
9 and responsibilities of all concerned.

10 *POLICIES FOR SITING PUBLIC FACILITIES AND ESSENTIAL PUBLIC FACILITIES*

11 The purpose of the Essential Public Facilities Siting Process is to ensure that public services are available
12 and accessible to Mercer Island and that the facilities are sited and constructed to provide those services
13 in a timely manner. Site selection is an important component in facilities development and should occur
14 within a process that includes adequate public review and comment and promotes trust between City and
15 the community.
16

- 17 2.1 Essential public facilities should be sited consistent with the King County Countywide Planning
18 Policies.
19
- 20 2.2 Siting proposed new or expansions to existing essential public facilities shall consist of the
21 following:
22
- 23 (a) An inventory of similar existing essential public facilities, including their locations and
24 capacities;
 - 25
 - 26 (b) A forecast and demonstration of the future need for the essential public facility;
 - 27
 - 28 (c) An analysis of the potential social and economic impacts and benefits to jurisdictions
29 receiving or surrounding the facilities;
 - 30
 - 31 (d) An analysis of the proposal's consistency with County and City policies;
 - 32
 - 33 (e) An analysis of alternatives to the facility, including decentralization, conservation,
34 demand management and other strategies;
 - 35
 - 36 (f) An analysis of alternative sites based on siting criteria developed through an inter-
37 jurisdictional process;
 - 38
 - 39 (g) An analysis of environmental impacts and mitigation; and
 - 40
 - 41 (h) Extensive public involvement consistent with the Public Participation Principles outlined
42 in the Introductory section of the Comprehensive Plan.
43
- 44 2.3 Local public facility siting decisions shall be consistent with the Public Participation Principles
45 outlined in the Introductory section of the Comprehensive Plan.
46

- 1 2.4 Local public facility siting decisions shall be based on clear criteria that address (at least) issues
2 of service delivery and neighborhood impacts.
- 3
- 4 2.5 City departments shall describe efforts to comply with the Essential Public Facilities Siting
5 process when outlining future capital needs in the Capital Improvements Program budget.
- 6
- 7 2.6 City departments shall develop a community notification and involvement plan for any
8 proposed capital improvement project that involves new development or major reconstruction
9 of an existing facility and which has been approved and funded in the biennial Capital
10 Improvement Program budget.

DRAFT