

Index of Records					
Project Name		CIP 2023-2028			
Part 1 - DEPARTMENT OF PLANNING AND DEVELOPMENT SERVICES					
Exhibit #	Record Type	Date	Received From	Exhibit Description	# of Pages
1.0001	Project Administration	10/6/2022	PDS Staff	Parties of Record	3
1.0002	Project Administration	7/26/2022	PDS Staff	2023-2028 TIP Map	1
1.0003	Project Administration	7/26/2022	PDS Staff	2023-2028 TIP Map Draft	1
1.0004	Project Administration	5/3/2022	PDS Staff	Airport Section of CIP	6
1.0005	Public Comment	6/23/2022	Nickolis Landgraff	Edits to Airport CIP Map	1
1.0006	Project Administration	7/29/2022	PDS Staff	Slides for PC presentation on airport improvements	4
1.0007	Project Administration	7/26/2022	PDS Staff	2023-2028 Solid Waste Improvements Map	1
1.0008	Project Administration	8/10/2022	Amy Lucas	Hazard Mitigation Plan Slides	6
1.0009	Project Administration	4/15/2022	PDS Staff	Draft DEM portion of CIP	3
1.0010	Project Administration	7/29/2022	PDS Staff	Working draft of DEM portion of CIP	5
1.0011	Project Administration	7/29/2022	PDS Staff	Final draft of DEM portion of CIP	4
1.0012	Project Administration	5/5/2022	PDS Staff	DoIT Technology Plan	4
1.0013	Project Administration	5/3/2022	PDS Staff	Paine Field map	1
1.0014	Public Comment	6/23/2022	Nickolis Landgraff	2019 CIP Airport map with changes indicated	1
1.0015	Project Administration	7/7/2022	PDS Staff	Public Schools Level of Service Report	2
1.0016	Project Administration	6/27/2022	PDS Staff	2023 Paine Field Map	1
1.0017	Project Administration	6/27/2022	PDS Staff	2023 Paine Field Map	1
1.0018	Project Administration	6/27/2022	PDS Staff	2023-2028 Paine Field Projects	1
1.0019	Project Administration	4/15/2022	PDS Staff	Parks section of CIP	9
1.0020	Project Administration	8/1/2022	PDS Staff	Parks slides for PC briefing	3
1.0021	Project Administration	7/14/2022	PDS Staff	Email to SWM requesting updates to CIP	1
1.0022	Project Administration	7/14/2022	PDS Staff	Email about school district LOS	1
1.0023	Project Administration	6/24/2022	PDS Staff	Email requesting updates to Airport map	4
1.0024	Project Administration	7/29/2022	Amy Lucas	Emails from DEM regarding CIP updates	4
1.0025	Project Administration	7/25/2022	David Schonhard	Solid waste projects 2023-2028	4
1.0026	Project Administration	8/5/2022	Laura Brown Kendrick	Emails updating TES portion of CIP	5
1.0027	Project Administration	4/15/2022	PDS Staff	Solid waste portion of CIP	6
1.0028	Project Administration	5/3/2022	PDS Staff	Solid waste slides for PC briefing	2
1.0029	Project Administration	7/14/2022	PDS Staff	SWM Portion of CIP	9
1.0030	Project Administration	5/3/2022	PDS Staff	SWM slides for PC briefing	2
1.0031	Project Administration	4/15/2022	PDS Staff	SWM Portion of CIP	9
1.0032	Project Administration	8/5/2022	PDS Staff	TES Slides for PC briefing	3
1.0033	Project Administration	8/5/2022	PDS Staff	TES Portion of CIP	11
1.0034	Public Comment	7/13/2022	Kaila Klicker	3 Lakes Water Assn Comments on CIP	2
1.0035	Public Comment	6/24/2022	Nickolis Landgraff	Paine Field map update coordination emails	4

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Part 1 - DEPARTMENT OF PLANNING AND DEVELOPMENT SERVICES					
Exhibit #	Record Type	Date	Received From	Exhibit Description	# of Pages
1.0036	Project Administration	6/27/2022	PDS Staff	2023 Paine Field Map	1
1.0037	Project Administration	6/27/2022	PDS Staff	2023-2028 Paine Field Projects	1
1.0038	Public Comment	6/22/2022	Mike Wolanek	Arlington Wastewater CIP comments	3
1.0039	Public Comment	6/23/2022	Cameron Ogard	Bothell Water System CIP comments	6
1.0040	Public Outreach	7/12/2022	PDS Staff	Correction to email soliciting comment on CIP	1
1.0041	Public Comment	6/22/2022	Mike DeLilla	Edmonds CIP comments	3
1.0042	Project Administration	6/27/2022	PDS Staff	Emails coordinating updates to airport map	7
1.0043	Project Administration	6/27/2022	PDS Staff	2023 Paine Field Map	1
1.0044	Project Administration	6/27/2022	PDS Staff	2023-2028 Paine Field Projects	1
1.0045	Public Comment	7/13/2022	Mariah Low	Lake Stevens Sewer District CIP comments	1
1.0046	Public Comment	6/17/2022	Mariah Low	Lake Stevens Sewer District CIP comments	2
1.0047	Public Comment	6/22/2022	Jared Bond	Lynnwood CIP comments	3
1.0048	Public Comment	7/7/2022	Patrick Robinson	Puget Sound Energy CIP comments	2
1.0049	Project Administration	7/15/2022	PDS Staff	Emails coordinating updates to parks section of CIP	2
1.0050	Project Administration	8/16/2022	PDS Staff	Emails coordinating planning commission presentations	3
1.0051	Project Administration	8/23/2022	PDS Staff	Draft CIP presentation to CIP	47
1.0052	Project Administration	7/15/2022	PDS Staff	Email coordinating update to DoIT section of CIP	1
1.0053	Project Administration	7/15/2022	PDS Staff	Emails coordinating updates to DEM portion of CIP	3
1.0054	Project Administration	7/15/2022	PDS Staff	Email coordinating update to facilities portion of CIP	1
1.0055	Project Administration	6/27/2022	PDS Staff	Emails coordinating updates to airport map	7
1.0056	Project Administration	8/22/2022	PDS Staff	Emails coordinating PC presentation	4
1.0057	Public Comment	6/24/2022	Patrick Robinson	Emails coordinating update to electric power section of CIP	2
1.0058	Public Comment	8/10/2022	Ray Highland Water	Highland Water comments on CIP	1
1.0059	Project Administration	8/1/2022	PDS Staff	Emails coordinating updates to SWM portion of CIP	5
1.0060	Public Comment	6/22/2022	Kim Peterson	Town of Index comments on CIP	4
1.0061	Project Administration	7/29/2022	PDS Staff	Emails coordinating updates to SWM portion of CIP	4
1.0062	Project Administration	7/26/2022	PDS Staff	Emails coordinating updates to SWM PC presentation slides	2
1.0063	Public Outreach	7/12/2022	PDS Staff	Email soliciting updates to portions of CIP	1
1.0064	Project Administration	8/10/2022	PDS Staff	WUCC meeting agenda	2
1.0065	Project Administration	8/5/2022	PDS Staff	Email coordinating WUCC meeting presentation	1
1.0066	Project Administration	8/5/2022	PDS Staff	Water/Wastewater portions of CIP for WUCC meeting	14

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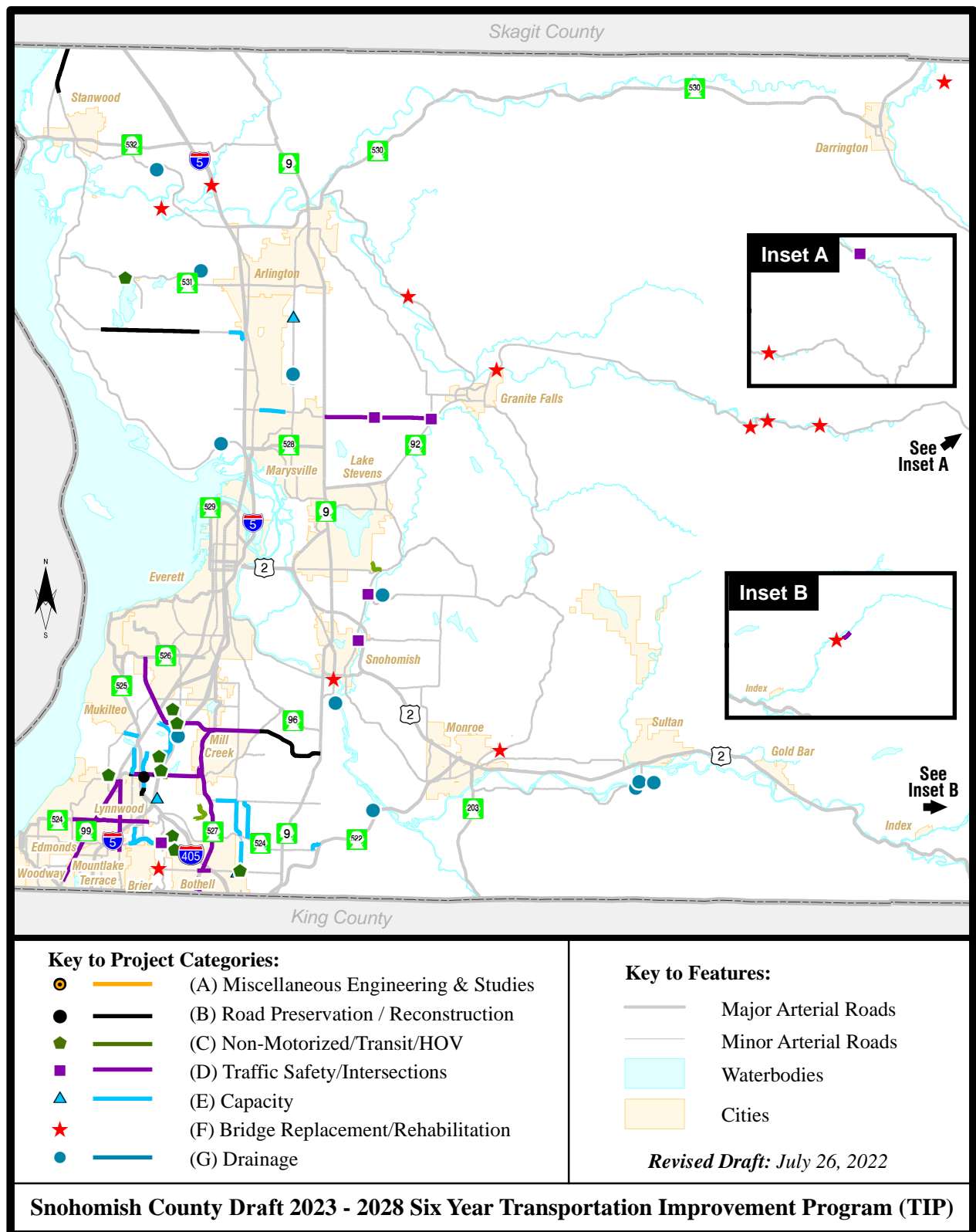
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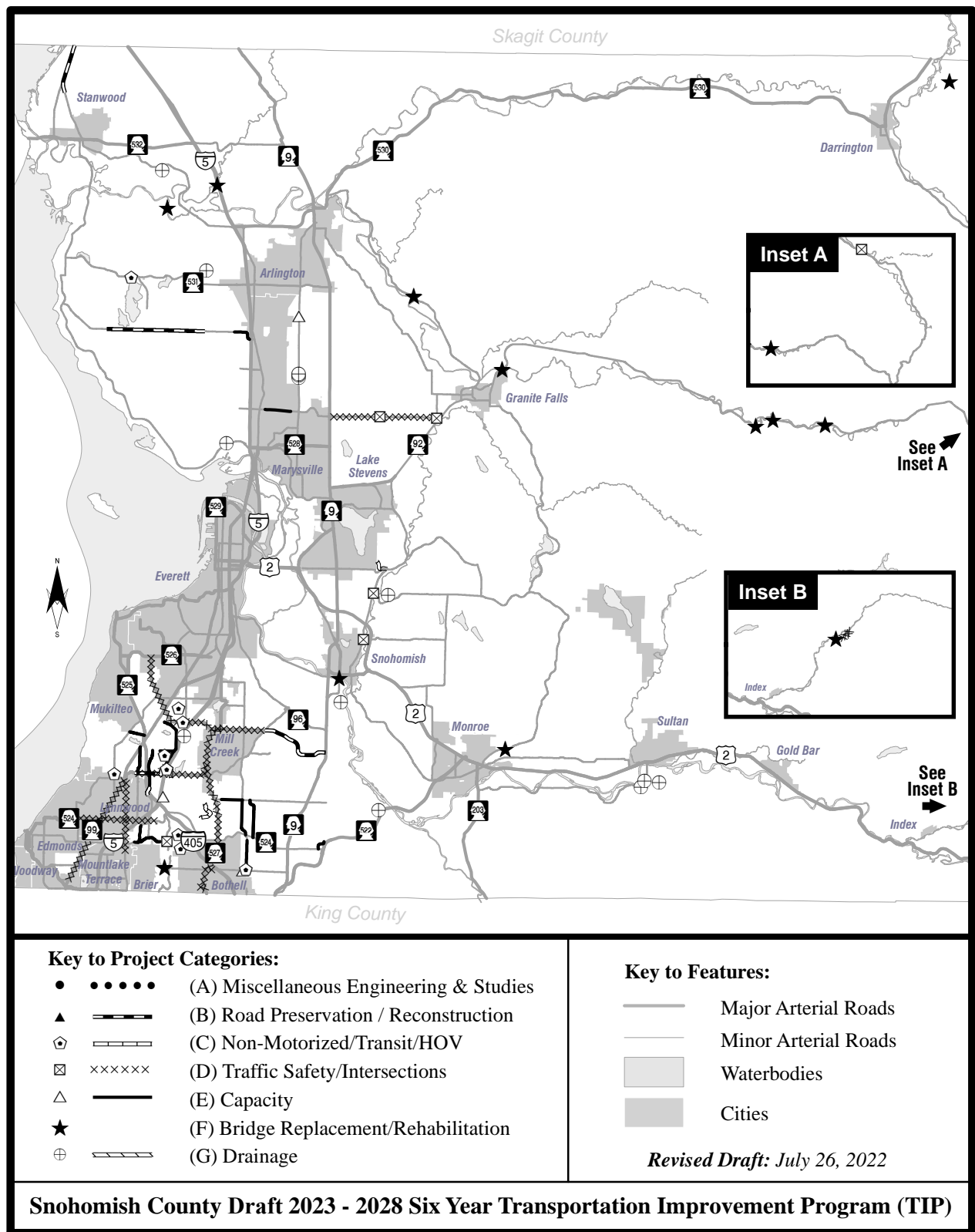
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Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

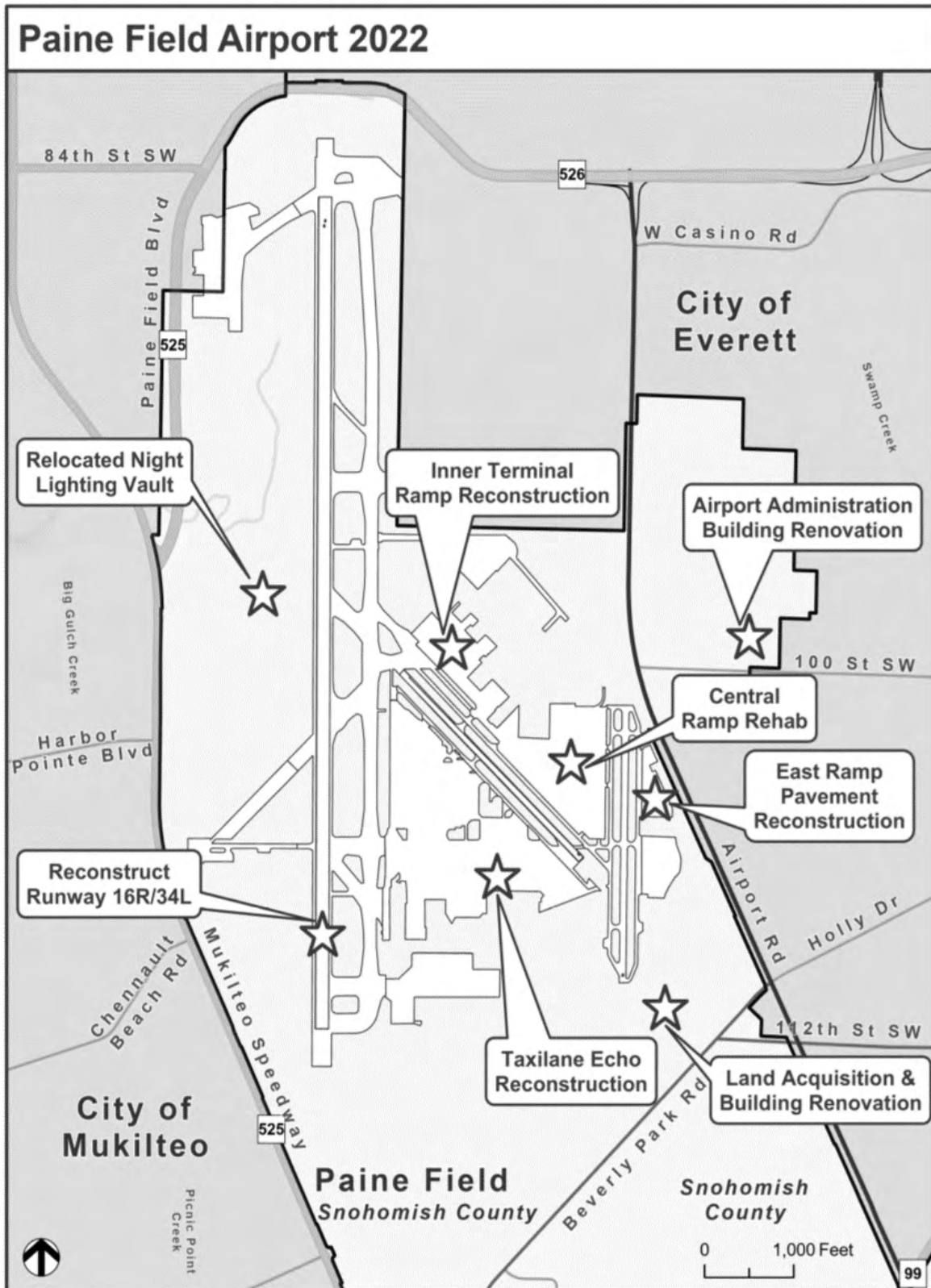
Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Park, Recreation and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
Airport Facilities	Many Snohomish County Airport (Paine Field) capital projects are multi-year construction projects and respond to existing or prospective customer needs that preserve and increase the asset and revenue base of the Airport. These include airfield upgrades; new building construction; road

Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

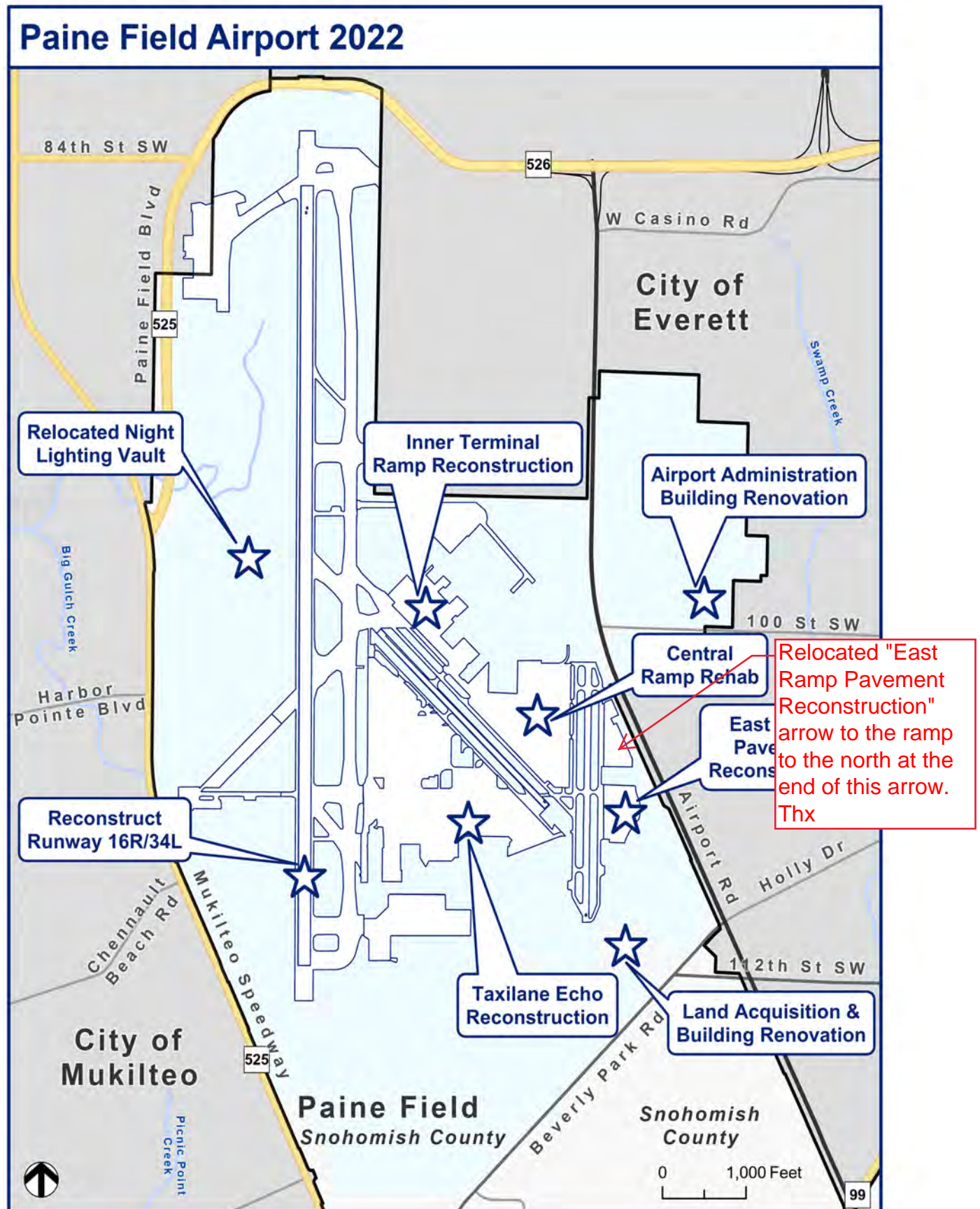
Sub-Category	Summary Description of Projects Included in the CIP
	<p>McCollum Park maintenance includes abandoning two wells north of the landfill.</p> <p>12. <u>Cathcart Culvert Replacement</u>: Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement.</p> <p>13. <u>Airport Road Recycling and Transfer Station (ARTS) scales</u>: The ARTS scales have been in service since 2003 and are used for commerce (fee based on weight). They are at the end of their useful life and require replacement. Scales will be replaced sequentially to maintain normal operations during this project.</p> <p>14. <u>Vector Capacity Study</u>: The Division's vector grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will evaluate whether and how to expand the ability to grow the area.</p> <p>15. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

Map 2: Airport Facilities (Paine Field) Projects (202-2027)



DRAFT 2023-2028 CIP

Map 2: Airport Facilities (Paine Field) Projects (2022-2027)





Airport Department

Capital Improvement Program - 2023

➤ **Grant Funds - \$14.1M**

- \$2.6M - Airport Master Plan (70% complete) (100% FAA)
- \$5.8M - Taxilane E Reconstruction (under construction) (100% FAA)
- \$5.5M - East Ramp Pavement Reconstruction (construction 2023) (90% FAA/10% Local)
- \$250k - Reconstruction of Main Runway 16R-34L (Pre-Design/Environmental) (90% FAA/10% Local)

➤ **Buildings - \$14.3M**

- \$2.0M - Collins/Goodrich Landing Gear Roof Replacement (Bomarc)
- \$7.7M - Administration Building Renovation
- \$1.3M - Airport Maintenance Facility Renovation (ANG Property)
- \$400k - C20-C22 (Tect) Building Demolition
- \$1.3M - Tenant Funded Renovations (C-84, Westside, Hangar C1)
- \$1.6M - Includes roofing (C11 & Bldg. 1116), building repairs, t-hangar repairs, HVAC, etc.

➤ **Other Improvements - \$2.2M**

- \$2.2M - Includes various electrical, pavement management programs, sewer, safety, security, and wayfinding projects.

➤ **Equipment - \$550k**

- \$555,000 - Misc. Vehicle & Equipment Replacement Program (6 Machinery & Equipment replaced)

➤ **Land Acquisition - \$6.5M**

- \$6.5M - Air National Guard (ANG) Property Lease to Purchase - **BONDS**

➤ **PFC Capital Projects - \$10.45M**

- \$9.5M - Inner Terminal Ramp - **BONDS**
- \$950,000 - Runway Combo Snow Removal Unit (Equipment)



Snohomish County



Taxiway Echo Reconstruction

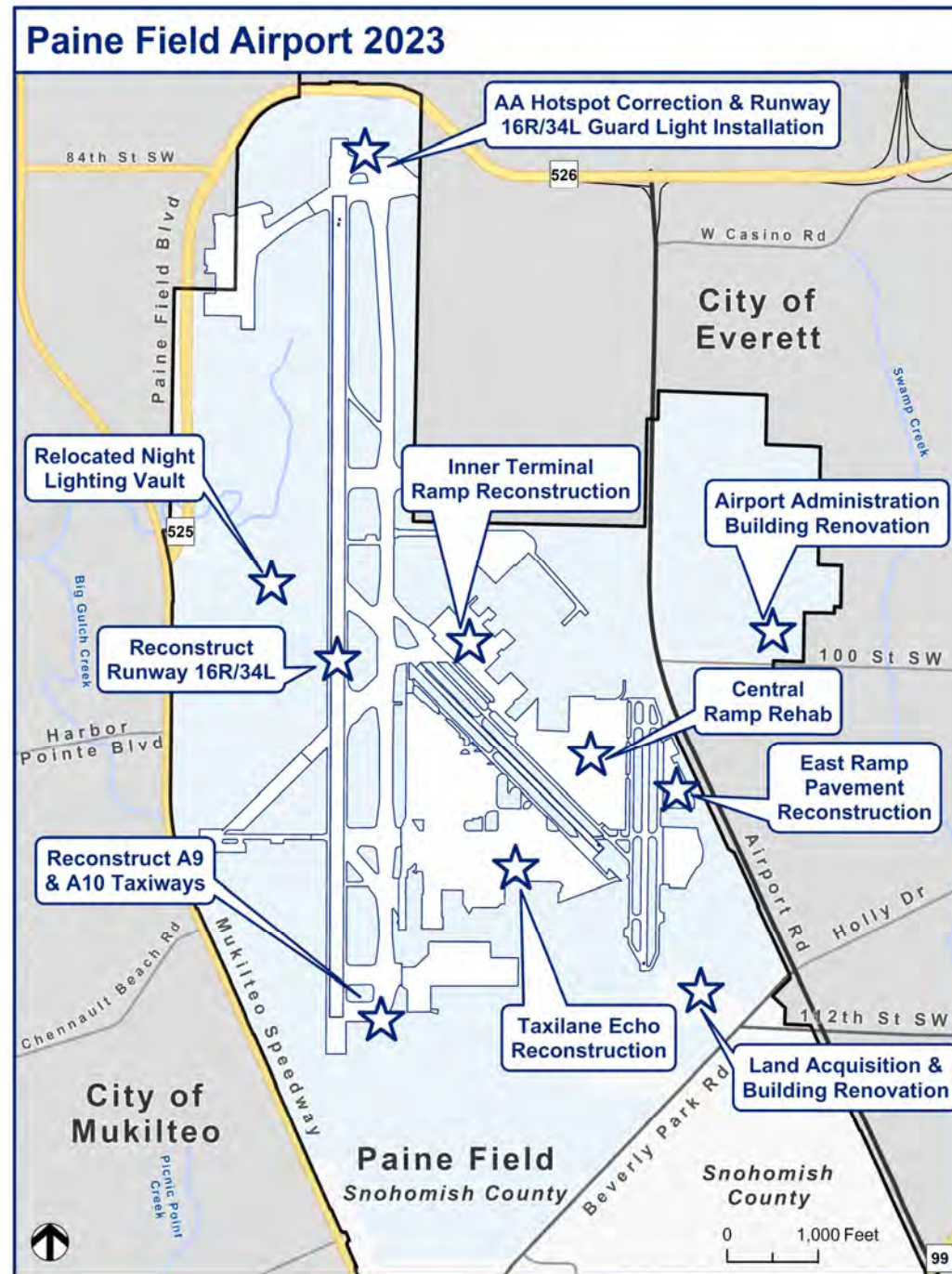
Capital Improvement Program Five Year Plan 2023-2028

- 2023 Airport Master Plan (\$2.6M est.)
- 2023 Taxiway Echo Reconstruction (\$7M est. total project)
- 2023 Administration Building Renovation (\$7.75M est.)
- 2023 Inner-Terminal Ramp (\$9.5M - PFC Funded)
- 2023 E GA Ramp Pavement Reconstruct. (\$5.5M est.)
- 2024 Rehab A9 & A10 Taxiways (\$3M est.)
- 2024-2025 Central Ramp & Taxilane Rehab. (\$4.84M est.)
- 2023-2028 Reconstruct Main Runway 16R/34L (\$39.6M est.)
- 2026 Relocate Airfield Electrical Vault (\$2M est.)

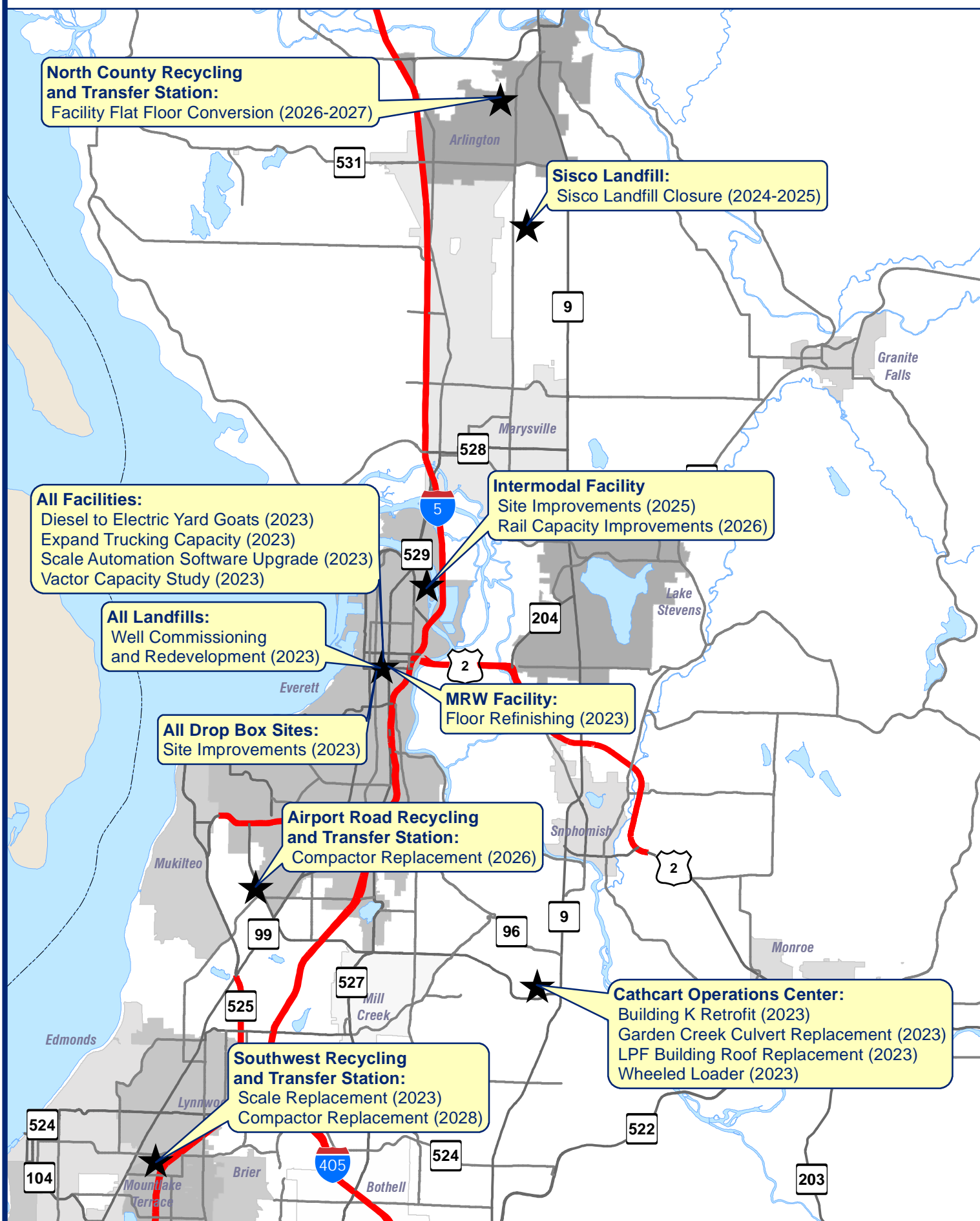


Snohomish County

CIP MAP



Solid Waste Division 2023-2028



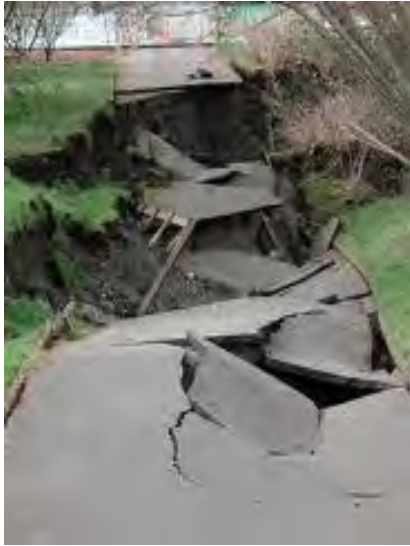
Hazard Mitigation Plan

Department of Emergency Management

Hazard Mitigation Plan (HMP) Overview

- HMP is required to secure HMP grant funds
- HMP seeks to:
 - Reduce future loss of life and destruction of property
 - Assess risk, identify impacts, and identify a list of projects and activities that can mitigate the impacts of hazards before they occur
 - Identify and implement short- and long-term strategies to reduce loss of life and/or alleviate personal injury and property damage.
- ALL County facilities and infrastructure are susceptible to some type of hazard and disaster

Risks & Hazards in Snohomish County



Hazard Mitigation Plan

- Risk assessment accounts for both natural and human-caused hazards
- Provides recommendations and strategies to mitigate impacts from identified hazards, including Climate Change
- Best practices requires coordinating with other planning processes (Vision 2050, Comprehensive Plan) and partners (SCT and special districts)
- Action Items have been identified for each recommended strategy
 - Coordinated planning processes
 - Consideration of hazards for Capital Improvement planning and decisions

Hazard Mitigation Plan Funding

- Projects identified in the HMP are based on the hazard assessment and input from the participating planning partners and members of the public.
- Projects are identified through collaborative partnerships.
- Over \$7,000,000 obtained for public and private projects throughout the county. (*However, limited funds have been obtained for County infrastructure improvement projects.*)
- County HMPG applications for Climate Change infrastructure modeling, buy-outs and elevation projects moved forward by WA Emergency Management Division in 2022

Mitigation and County Infrastructure

- Pre-disaster risk reduction activities can minimize the physical, social and economic impacts when disasters occur
- County facilities and infrastructure play a key role in disaster response and recovery
- Building resilience in capital facilities and improving current infrastructure strengthen the ability of infrastructure after a disaster
- Factoring in hazards decreases downtime and can alleviate disaster impact costs
- Mitigation measures can include water and energy conservation and efficiency; Firewise/Community Wildfire Protection Plan
- Other mitigation measures may include relocations, retrofits, etc.

Chapter VII: Hazard Mitigation Planning

Summary Report

Introduction

Since 2005, Snohomish County and a partnership of local communities, tribes and districts have maintained a hazard mitigation plan (HMP) to reduce future loss of life and destruction of property resulting from disasters. Hazard mitigation is the identification and implementation of short and long-term strategies to reduce loss of life and/or alleviate personal injury and property damage resulting from natural or manmade (technical) disasters. Virtually all the County's capital facilities are susceptible to some type of disaster. Minimizing or reducing the impact of disasters on capital facilities is an intrinsic goal of hazard mitigation planning. This is a primary reason why hazard mitigation is included in the capital facilities plan (CFP).

Snohomish County consistently ranks among the highest number of repetitive flood loss counties in the Federal Emergency Management Agency's (FEMA) Region X. The County and a planning partnership of over 30 municipalities and special purpose districts within the county boundaries embraced the concept of the Disaster Mitigation Act (DMA) and prepared a multi-jurisdictional hazard mitigation plan. The planning area boundary is the Snohomish County boundary, excluding tribes and the cities of Bothell and Everett who maintain their own hazard mitigation plans. An inventory of the numbers and types of structures was developed using the County Assessor's data and GIS applications. Snohomish County's Hazard Mitigation Plan (HMP) assessed hazard risk, identified impacts, surveyed planning policy and development trends, and identified a list of potential projects and activities that can mitigate the impacts of hazards before they occur.

Funding Sources and Adequacy

The projects identified in the HMP are based on the hazard assessment and input from the participating planning partners and members of the public. These projects are not necessarily part of a work program or improvement plan. The risk reduction projects are individually assessed using a mitigation priority strategy and ranked high, medium or low based on benefits conferred on the County (or implementing jurisdiction), whether the benefits exceed the costs, whether the project is grant eligible, or whether they are able to be funded under existing programs or budgets.

The HMP identifies goals and objectives at the county level. Mitigation actions presented in this update are activities designed to reduce or eliminate losses resulting from hazards and can be found in each jurisdiction's annex. Through the update process, the Steering Committee and Planning Team determined that the countywide goals and objectives established effective coordination between jurisdictions and agencies for hazard mitigation actions. These potential projects were further identified as having secured funding or not, and a timeline for implementation (within five years or greater than five years). This level of financial analysis is as far as can be accomplished for potential projects that may or may not have recognized and secured funding. When a project becomes an implementation reality, a further analysis of funding mechanisms (existing budget, grant funds, leveraged project, etc.) would take place.

Mitigation Goals and Objectives

The Steering Committee established the goals and the Planning Team established the objectives for the 2020 HMP.

Table 16 Mitigation Goals and Objectives

Goal 1: Reduce hazard and threat-related injury and loss of life.	
Item	Objectives
1.1	Develop and implement policies that integrate hazard and risk information into building codes and land use planning that promote resilient and safe development in high-risk areas.
1.2	Strengthen tools to remove threatened uses in hazardous areas and relocate them where risk reduction measures support development to a tolerable level.
1.3	Reduce the adverse impacts from and leverage the beneficial functions of natural hazards.
1.4	Develop continuity of operations plans and community-based continuity plans to mitigate the impacts of hazards becoming disasters, and support disaster preparedness, response, and recovery.
1.5	Develop, implement, and sustain programs that promote reliable, redundant, and resilient lifeline systems.
Goal 2: Promote resilient communities, resilient economy, sustainable growth, and hazard prevention.	
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2.2	Increase the resilience of critical services, facilities, and infrastructure through applicable retrofits, sustainable funding programs, and zoning and development changes, and reduce exposure/vulnerability to all hazards.
2.3	Promote the ability of communities to mitigate, prepare for, respond to, and recover from an emergency or disaster through the strengthening of community networks and development of community-based emergency planning (e.g. evacuation zones and routes and micro-infrastructure networks).
Goal 3: Consider equity when enhancing public awareness and community members' ability to mitigate, prepare for, respond to, and recover from a disaster	
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3.3	Identify and prioritize opportunities to increase capacity and redundancy for critical services, facilities and infrastructure to vulnerable communities, with special emphasis on communities that are at risk of isolation.
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4.1	Support the alignment and integration of the 2020 HMP goals, objectives, and strategies with other planning processes.
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4.3	Use the best available science when developing new or updating existing plans to prepare for and adapt to climate impacts (e.g., update conservation requirements to minimize impacts of drought).
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CIP Linkage to Hazard Mitigation Planning

Identifying and implementing pre-disaster risk reduction activities can minimize the physical, social, and economic impacts to the county when disasters do occur. Building resilience into capital facilities or implementing risk reduction projects on existing capital facilities can strengthen the ability of such facilities to bounce back after disasters, especially as climate change affects hazards over time. The 2015 HMP identified and assessed climate change as a gradually manifesting hazard` facing Snohomish County. The 2020 HMP further refined those analyses to incorporate into each of the other hazards both natural and human-caused. Indicators over the next 35 to 65 years include increasing severity and frequency of flooding, loss of snowpack in the high Cascades driving hotter, drier summers that begin earlier thereby increasing wildfire hazards.

Factoring in hazard information as new capital facilities are constructed makes financial sense and can alleviate disaster impact costs and reduce time out of service. Further, County facilities are relied upon to affect disaster response and recovery. As such, ensuring new facilities are (and remodeling, retrofitting and updating existing facilities to be) resilient, built to earthquake standards, located in low risk areas, and equipped with resilient infrastructure including communications, power, and water, is an integral part of effective post-disaster response and recovery. Additional mitigation measures can be included to incorporate water and energy conservation and efficiency measures that decreases risk to climate impacts and ensure that facilities operate with maximum efficiency.

Lastly, coordinated efforts between other County plans (such as the Capital Facilities Plan, Comprehensive Plan, Continuity of Operations Plans, and Comprehensive Emergency Management Plans) and other planning mechanisms, such as the Growth Management Act, contribute to improvements that maximize facility resilience and utility. Other mitigation measures may include ensuring County facilities meet applicable Firewise programs and, when possible, are incorporated into a community wildfire protection and risk reduction strategy. By incorporating and considering mitigation objectives and action items, County projects may be eligible for hazard mitigation grants.

Chapter VII: Hazard Mitigation Planning

Summary Report

Introduction

Since 2005, Snohomish County and a partnership of local communities, tribes and districts have maintained a hazard mitigation plan (HMP) to reduce future loss of life and destruction of property resulting from disasters. Hazard mitigation is the identification and implementation of short and long-term strategies to reduce loss of life and/or alleviate personal injury and property damage resulting from natural or ~~manmade-human caused~~ (technical) disasters. Virtually all the County's capital facilities are susceptible to some type of disaster. Minimizing or reducing the impact of disasters on capital facilities is an intrinsic goal of hazard mitigation planning. This is a primary reason why hazard mitigation is included in the capital facilities plan (CFP).

Snohomish County consistently ranks among the highest number of repetitive flood loss counties in the Federal Emergency Management Agency's (FEMA) Region X. The County and a planning partnership of over 30 municipalities and special purpose districts within the county boundaries embraced the concept of the Disaster Mitigation Act (DMA) and prepared a multi-jurisdictional hazard mitigation plan. The planning area boundary is the Snohomish County boundary, excluding tribes and the cities of Bothell, ~~and Everett, and Marysville~~ who maintain their own hazard mitigation plans ~~and emergency management programs~~. An inventory of the numbers and types of structures was developed using the County Assessor's data and GIS applications. Snohomish County's Hazard Mitigation Plan (HMP) assessed hazard risk, identified impacts, surveyed planning policy and development trends, and identified a list of potential ~~Action Item~~ projects and activities that can mitigate the impacts of hazards before they occur.

Funding Sources and Adequacy

The projects identified in the HMP are based on the hazard assessment and input from the participating planning partners and members of the public. These projects are not necessarily part of a work program or improvement plan, ~~but do include recommended Action Items related to County Comprehensive and Capital Planning, Development Regulations, and County policy~~. The risk reduction projects are individually assessed using a mitigation priority strategy and ranked high, medium or low based on benefits conferred on the County (or implementing jurisdiction), whether the benefits exceed the costs, whether the project is grant eligible, or whether they are able to be funded under existing programs or budgets.

The HMP identifies goals and objectives at the county level. Mitigation actions presented in this update are activities designed to reduce or eliminate losses resulting from hazards and can be found in each jurisdiction's annex. Through the update process, the Steering Committee and Planning Team determined that the countywide goals and objectives established effective coordination between jurisdictions and agencies for hazard mitigation actions. These potential projects were further identified as having secured funding or not, and a timeline for implementation (within five years or greater than five years). This level of financial analysis is as far as can be accomplished for potential projects that may or may not have recognized and secured funding. When a project becomes an implementation reality, a further analysis of funding mechanisms (existing budget, grant funds, leveraged project, etc.) would take place.

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Mitigation Goals and Objectives

The Steering Committee established the goals and the Planning Team established the objectives for the 2020 HMP.

Table 16 Mitigation Goals and Objectives

Goal 1: Reduce hazard and threat-related injury and loss of life.	
Item	Objectives
1.1	Develop and implement policies that integrate hazard and risk information into building codes and land use planning that promote resilient and safe development in high-risk areas.
1.2	Strengthen tools to remove threatened uses in hazardous areas and relocate them where risk reduction measures support development to a tolerable level.
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While the HMP does not act as a regulatory plan, parts of the HMP document and process can be and are utilized by other Departments for regulatory compliance. The Department of Conservation and Natural Resources utilizes the Hazard Mitigation Program to comply with the Community Rating System (CRS) Annual Recertification process through the HMP Annual Progress Report, submitting it for the required Floodplain Management Plan annual progress report.

The HMP Progress Report follows the CRS format, and lists the Action Items recommended for each mitigation strategy developed in Volume 2 of the HMP. County Departments are surveyed once a year on the status of Action Items, along with Cities and Districts, and any funding or timeline issues are noted in the survey as well. The CRS recertification process requires that the Annual Progress Report is submitted for review to a governing board and the media. Beginning in 2022, DEM will be submitting a supplemental Report Card with the Annual Progress Report to Council, and developing an Action Item map in order to better quantitatively track progress and funding of projects.

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Identifying and implementing pre-disaster risk reduction activities can minimize the physical, social, and economic impacts to the county when disasters do occur. Building resilience into capital facilities or implementing risk reduction projects on existing capital facilities can strengthen the ability of such facilities to bounce back after disasters, especially as climate change affects hazards over time. The 2015 HMP identified and assessed climate change as a gradually manifesting hazard² facing Snohomish County. The 2020 HMP further refined those analyses to incorporate into each of the other hazards both natural and human-caused. Some of the indicators identified over the next 35 to 65 years include cascading impacts from sea level change, increasing severity and frequency of flooding and storms, as well as seasonally early loss of snowpack in the high Cascades driving, resulting in hotter, drier summers that begin earlier thereby increasing increase wildfire hazards. Heat events also affect Vulnerable Populations at a higher rate, increasing the need for cooling centers, and potentially clean air centers to reduce the impacts of wildfire smoke.

Factoring in hazard information as new capital facilities are constructed makes financial sense and can alleviate disaster impact costs and reduce time out of service. ~~Further, County facilities are relied upon also play a key role into affect~~ disaster response and recovery, ~~and it is important to plan, update, retrofit and build these facilities resilient to the impacts from Climate Changes~~. As such, ensuring new facilities are ~~(and remodeling, retrofitting and updating existing facilities to be)~~ resilient, ~~including built building~~ to earthquake standards, ~~located~~ locating facilities in low risk areas, and ~~equipped~~ equipping them with resilient infrastructure including communications, power, and water, is an integral part of effective post-disaster response and recovery. Additional mitigation measures can be included to incorporate water and energy conservation and efficiency measures that decreases risk to climate impacts and ensure that facilities operate with maximum efficiency. Snohomish County DEM supports the development of Climate Change modeling to assess the impacts of Climate Change on County Capital Facilities and Infrastructure, and to ensure we are planning future facilities in locations with reduced risk.

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Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

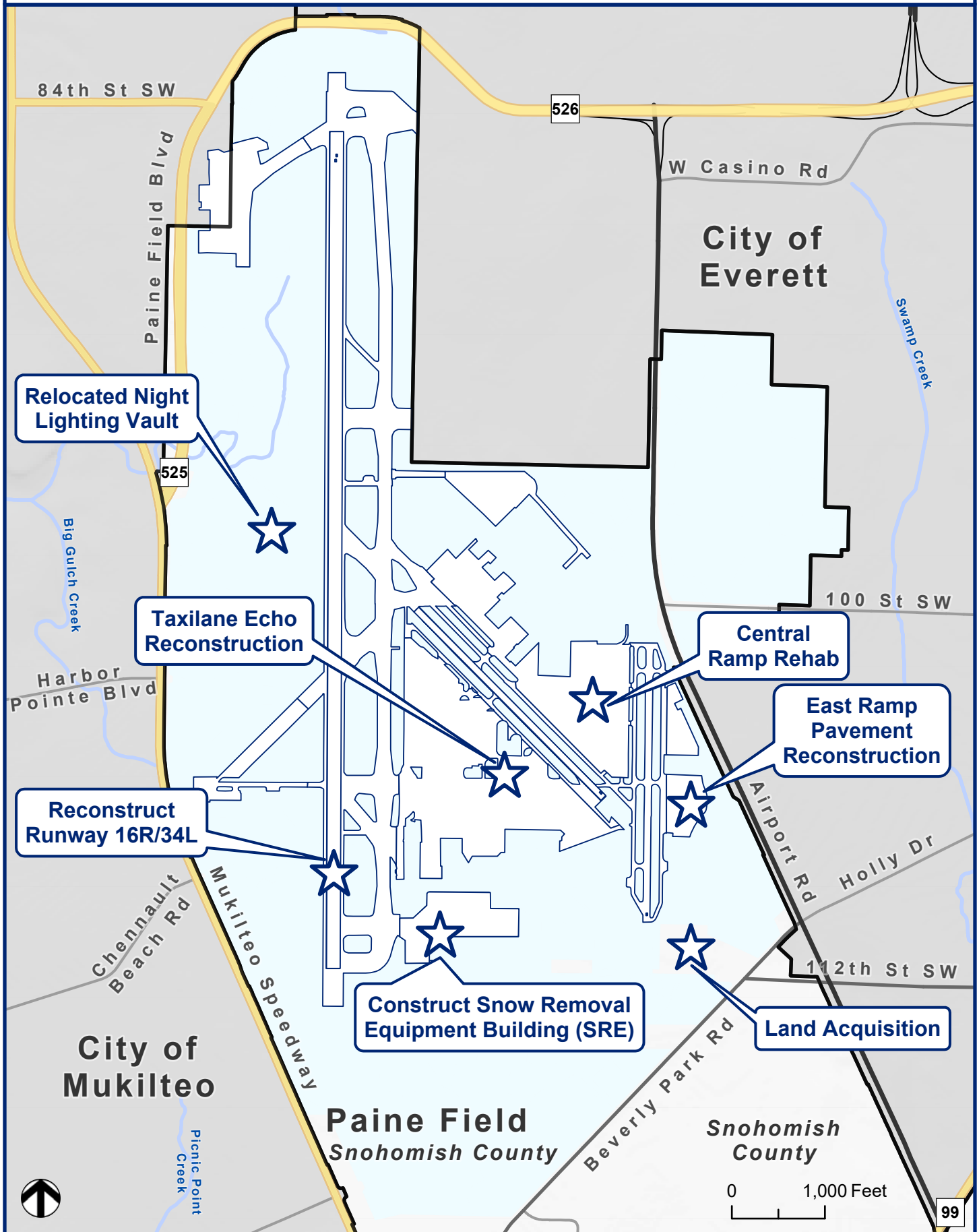
Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Park, Recreation and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
Airport Facilities	Many Snohomish County Airport (Paine Field) capital projects are multi-year construction projects and respond to existing or prospective customer needs that preserve and increase the asset and revenue base of the Airport. These include airfield upgrades; new building construction; road

Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

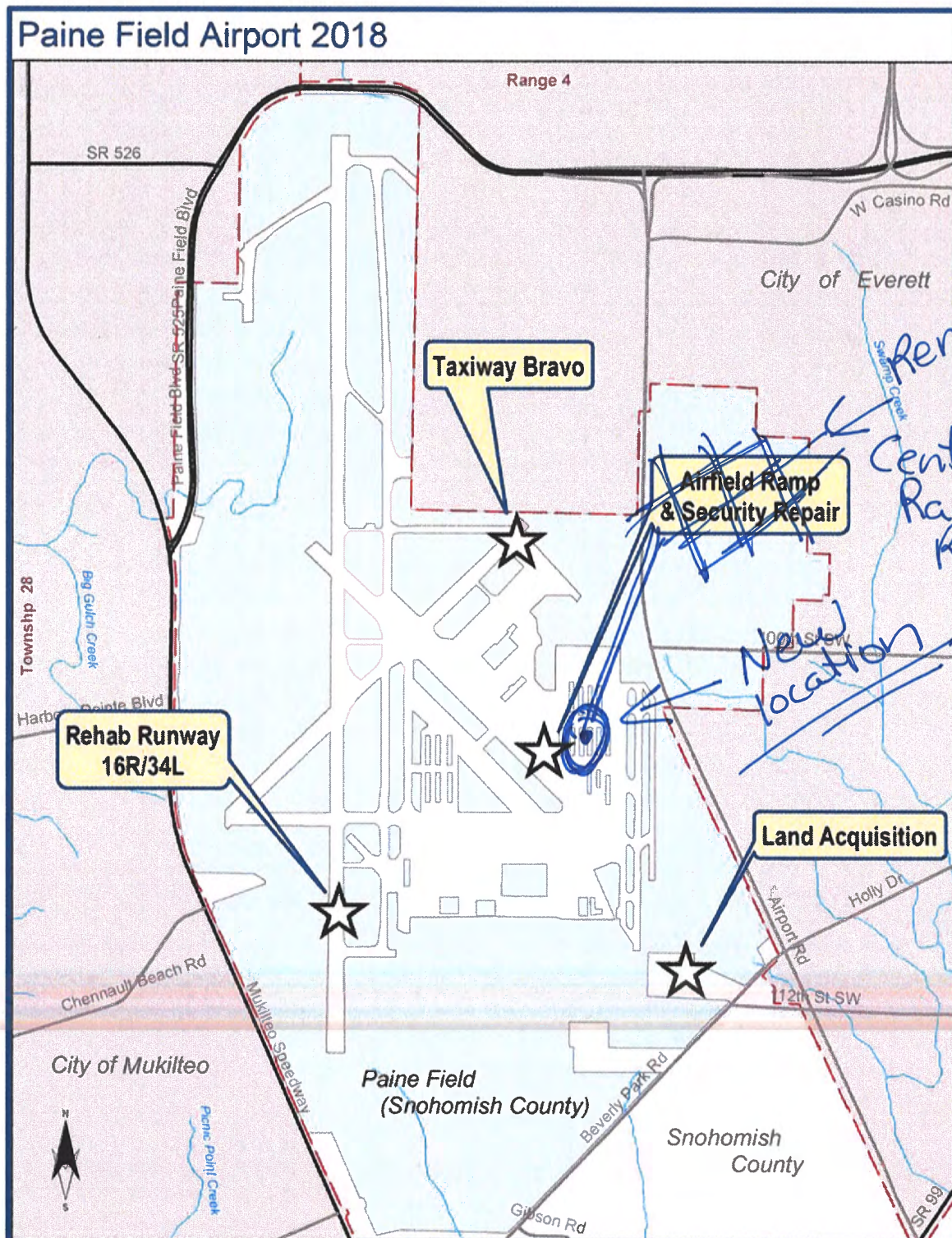
Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

Sub-Category	Summary Description of Projects Included in the CIP
	<p>McCollum Park maintenance includes abandoning two wells north of the landfill.</p> <p>12. <u>Cathcart Culvert Replacement</u>: Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement.</p> <p>13. <u>Airport Road Recycling and Transfer Station (ARTS) scales</u>: The ARTS scales have been in service since 2003 and are used for commerce (fee based on weight). They are at the end of their useful life and require replacement. Scales will be replaced sequentially to maintain normal operations during this project.</p> <p>14. <u>Vector Capacity Study</u>: The Division's vector grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will evaluate whether and how to expand the ability to grow the area.</p> <p>15. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

Paine Field Airport 2021



MAP 2: AIRPORT FACILITIES (PAINE FIELD) PROJECTS (2018-2023)



Map: W:\p\ng\carto\Transportation\Airports\Paine\2017\ARCMAPS\CIP2018Paine8x11.mxd Date: 8/1/2017

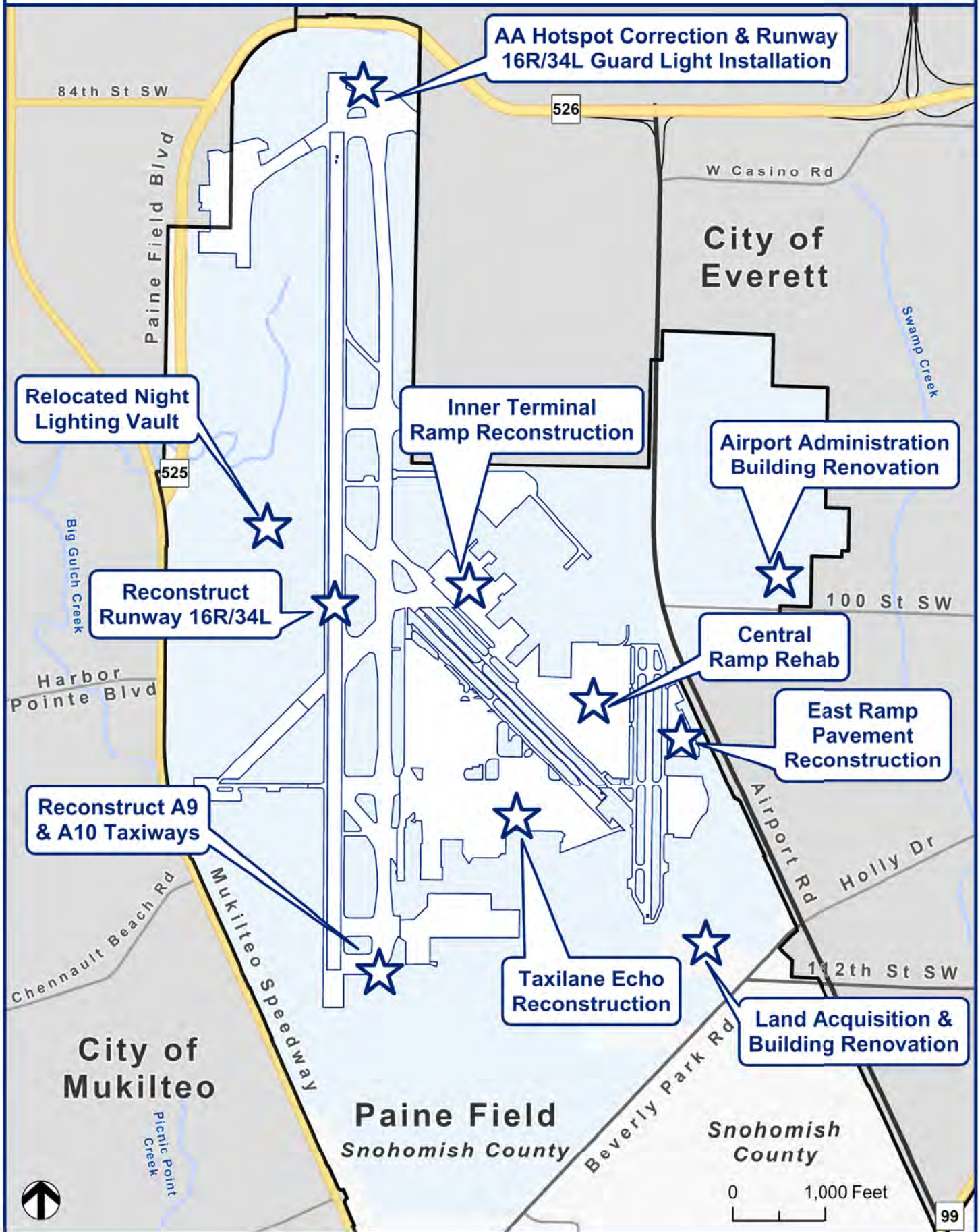
Part 6.2c – Public Schools Level of Service Report**Table 15. Public Schools Level of Service**

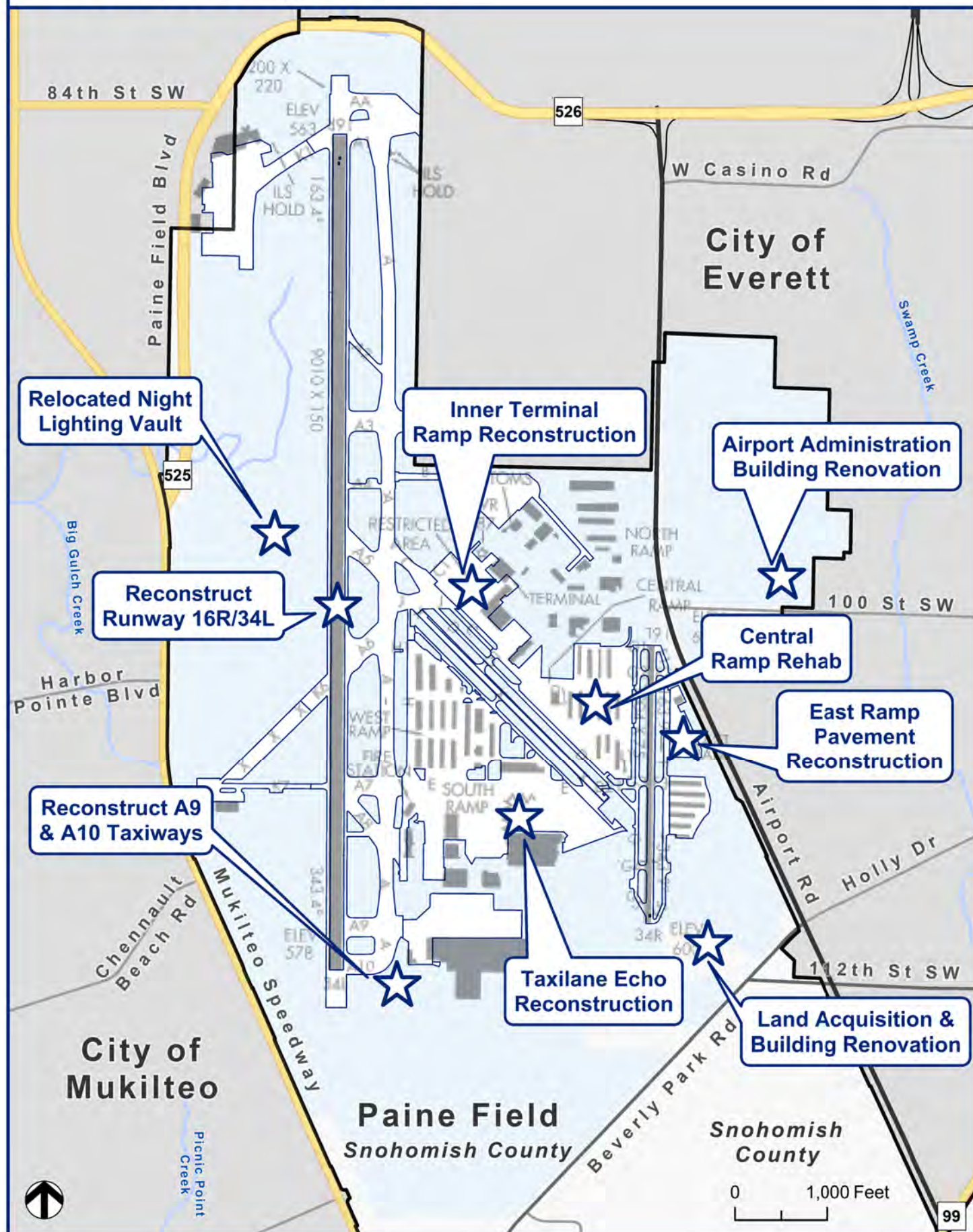
School District*						
LOS Standard	MINIMUM LOS Elementary	CURRENT LOS Elementary	MINIMUM LOS Middle	CURRENT LOS Middle	MINIMUM LOS High	CURRENT LOS High
Arlington No. 16	26	22.48	26	20.04	32	33.68
Maximum average class size						
Edmonds No.15	11,075 **	10,288	3,370**	2,950	6,649 **	6,169
Maximum number of students the district will accommodate						
Everett No.2	KG=24 G1-3=25 G4=26 G5=27	KG=20 G1-3=20.6 G4-5=24.2	29	24.1	30	24.5
Maximum average class size						
Lake Stevens No.4	KG=19 G1-3=20 G4-5=25	KG=89% G1-3=89% G4-5=89%	27	82%	27	82%
Maximum average class						
Lakewood No.306	26	18.17	28	23.11	30	22.88
Maximum average class						
Marysville No.25	29	22.17	32	25.04	34	21.07
Maximum average class						
Monroe No.103	27	17.73	30	19.05	30	20.45
Maximum average class						
Mukilteo No.6	25	21.0	30	22.2	33	27.7
Maximum number of						
Northshore No.417	24	20.9	26	25.1	26	22.7
Average students per						
Snohomish No.201	35	20.63	35	16.53	40	22.46
Maximum average class						
Sultan No.311	28	18.61	30	30.13	32	30.32
Maximum average class						

* Information contained in Table 15 is only for school districts that participate in the County's school impact fee program

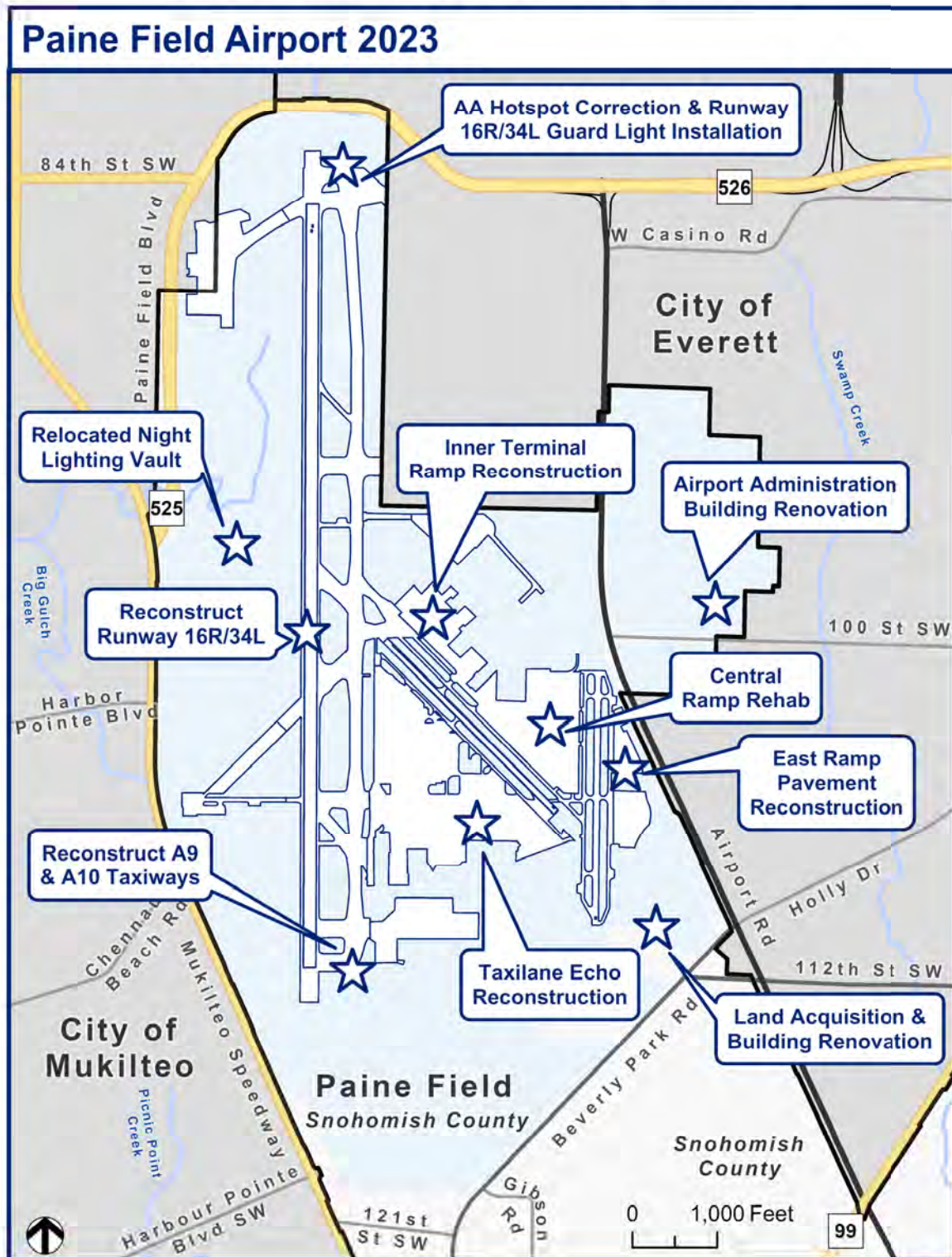
** Maximum enrollment that can be accommodated in existing facilities

Paine Field Airport 2023





Map 2: Airport Facilities (Paine Field) Projects(2023-2028)



Source: W:\plng\carto\CIP\2022\CIP.aprx

Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Parks and Recreation's and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue-producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
Airport Facilities	Many Snohomish County Airport (Paine Field) capital projects are multi-year construction projects and respond to existing or prospective customer needs that preserve and increase the asset and revenue base of the Airport. These include airfield upgrades; new building construction; road

Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

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General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
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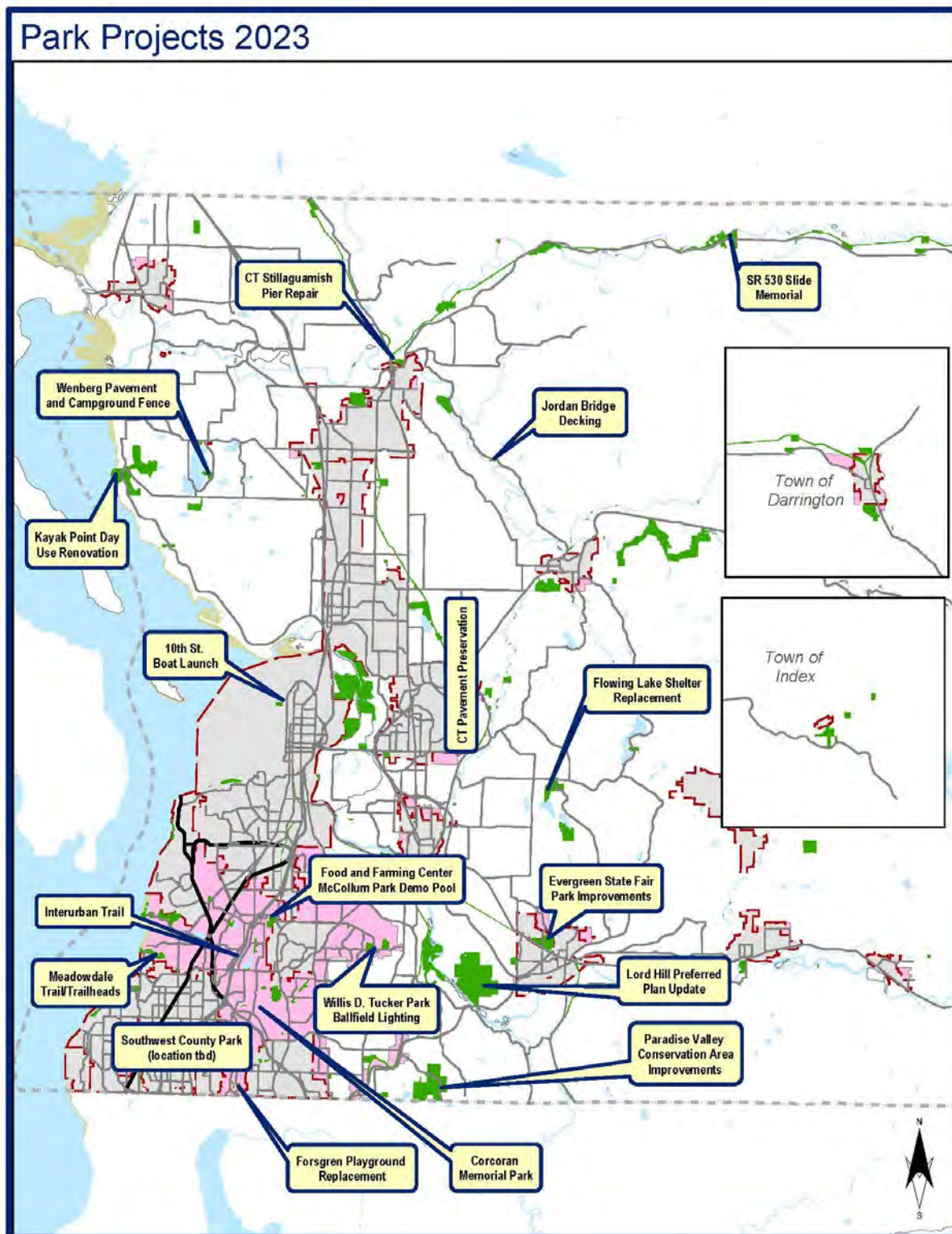
Table 6. Summary of Capital Facilities Statements of Assessment

	Surface Transportation	Park Land & Recreational Facilities	Surface Water Management	Public Water Supply	Public Wastewater Systems	Electric Power	Public Schools	Fire Protection Services
Are current minimum levels of service (LOS) being met?	Yes	Yes	Yes	DOH standards are being met	Ecology standards are being met	Yes	Yes	Yes
Funding is adequate for capital projects over the next six years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are there any projected funding shortfalls?	No	No	No	No	No	No	No	No
Corresponding minimum levels of service should be met over the next six years?	Yes	Yes	Yes	DOH standards expected to be met	Ecology standards expected to be met	Yes	Yes	Yes
Will regulatory measures appropriately ensure that	Yes – Concurrency regulations	Yes – Impact fees also required	Yes	Yes – Developers generally pay directly for	Yes – Developers generally pay directly for	Yes – LOS is met under the requirements	N/A – LOS is met under the requirements	Yes

new development will not occur unless the necessary facilities are available to support the development at the adopted minimum level of service?				permitted infrastructure extensions ¹	permitted infrastructure extensions	of service provider	of service provider	
--	--	--	--	--	-------------------------------------	---------------------	---------------------	--

¹Seven Lakes Water Association is limited on new water service connections due the nature of its water rights. Snohomish County is monitoring growth trends in this rural area of limited growth

Map 1: Park Land and Recreational Facilities Projects ~~(2022-2027)~~



Part 5.1c – Park Land and Recreational Facilities

Sufficiency of Capital Improvement Program

The 2015 Snohomish County Park and Recreation Element (PRE) was adopted by the County Council in June 2015 and contains a level of service (LOS) methodology that is based on provision of active and passive recreation facilities, regional trails, miles of waterfront, number of campsites and number of parking spaces provided within Neighborhood, Community and Regional Parks and Regional Trails. The PRE takes into consideration this LOS, as well as the inventory of existing facilities, community demand for property acquisition and facilities, projections of population growth (number, demographics and distribution) and estimation of future revenues. The PRE provides a list of required and recommended park improvements based upon this analysis. Those improvements that are not necessary to maintain LOS standards are identified within the PRE for completion as funding is available and it is appropriate to complete the project. Projects based on LOS proposed in the CIP are selected to meet minimum LOS standards.

Funding Adequacy for CIP

Assuming that the current economic trends and priorities continue, the Snohomish County Division of Parks & Recreation projects should receive adequate revenue through Park Impact Mitigation Fee collections and Real Estate Excise Tax (REET) revenues. REET revenues are allocated across several departments by the County Council through the annual budget process to support projects over the six-year period covered by the CIP. Recent trends in REET, as well as Park Impact Mitigation Fee collections, will allow the program to maintain the minimum service levels called for in the PRE. These revenues will support the property acquisition and facility development projects needed to serve the existing and projected population. The Division of Parks & Recreation will also continue to establish partnerships with youth sports associations, community based non-profit associations, ~~such as Parent-Teacher Associations (PTAs)~~, cities, and school districts, some of which have contributed significant funding to the creation or rehabilitation of sports fields, playgrounds, and other capital facilities. Future partnerships will only add to the facility development resources available to the Division of Parks & Recreation.

Adequacy of Regulatory Mechanisms

Snohomish County began collecting Park Impact Mitigation Fees from residential development under the authority of SEPA in 1991. This program was re-designed as a GMA based program in 2004. It is governed by Chapter 30.66A SCC and involves standardized mitigation amounts on a per unit basis for single-family and multi-family residential development. The program has generated a substantial share of the revenues available for park land acquisition and facility development and provides an option for land dedication in lieu of payments. Impact mitigation revenues are now an important funding source for park projects in the County CIP.

Statement of Assessment

The Snohomish County 2015 Capital Facilities Plan (CFP) designates Neighborhood, Community and Regional Parks and Regional Trails as necessary to support development. This designation allows Park Impact Mitigation Fees to be used for expansion of facilities within these classifications of parks and the LOS described within the PRE sets the minimum standard by which provision is measured. Park land and recreational facility LOS is considered a “facility capacity,” rather than a “land capacity” methodology, as it is based on the premise that by providing additional facilities (e.g. playgrounds, miles of soft surface trails, etc.) additional population is served, even if the new facilities are added to an existing park. This creates cost and staff efficiencies and takes advantage of parks where capacity for additional amenities is present. Acquisition of new properties to meet LOS may be required in some cases and the 2023-2027 CIP includes one acquisition targeted at meeting LOS standards, as well as development of recently acquired facilities.

Capacity of the Division of Parks & Recreation resources and programs to meet the requirements of the CFP:

- The LOS methodology contained in the PRE and referenced in Part 6.2b of this CIP meets the first test required by the CFP. The projects proposed in the CIP will maintain the identified park LOS. Park acquisition and facility development projects projected through the six-year horizon of the CIP are designed to meet the defined proposed park LOS, addressing the needs of existing and projected future population growth both in terms of numbers and geographic distribution.
- There are no projected shortfalls in funding for necessary park services that will warrant a reassessment of Snohomish County’s Comprehensive Plan as per the second test. The Division of Parks & Recreation will generate revenue through Park Impact Mitigation Fee collections. Also, REET II revenues are expected to be allocated by the County Council through the annual budget process over the six-year period covered by this CIP.
- Future partnerships will only add to the facility development resources available to the Division of Parks & Recreation. Grant revenue available through the State of Washington Recreation and Conservation Office, the Salmon Recovery Board, the Department of Natural Resources and the federal government through the National Park Service or the SAFETEA program may be available to augment capital resources obtainable by the division. These grants have not been assumed to be secured within the CIP and are, in all cases, competitive on a regional or statewide basis. The Division of Parks & Recreation has a history of success in grant writing resulting in 30% to 50% of project costs for acquisition and development of some projects being covered by non-county revenue. This history provides cautious optimism that additional partnership-based funding will be available to supplement projects.
- There is no evidence that necessary park facilities will be unavailable to support the development at the adopted minimum LOS, a consideration required by the third test. The property acquisition and park development program projected through the six-year horizon of the CIP are designed to meet the adopted park LOS, addressing the needs of existing and projected future population growth both in terms of numbers and geographic distribution.
- Municipal annexations could affect park impact fees in the future and the availability of local funds to support acquisition and development of future parks could be impacted as a result.

A review of these considerations concludes that under existing policies and programs, projected levels of development will be supported by adequate park facilities at levels of service standards that meet, or exceed, minimum levels identified in the PRE.

Part 6.2b – Park Land and Recreational Facilities Level of Service Report

Table 13. Minimum Level of Service Standard (Stated in 2015 CFP)

Summary Capacity Measure	Unit	Minimum Standard (Population per Unit)
Active Recreation Facilities*	Number	3,250
Passive Recreation Facilities**	Number	3,650
Regional Trail	Open Miles	8,750
Waterfront	Mile	11,500
Campsites	Number	1,050
Parking Spaces	Number	120

*Active Recreation Facilities include ball fields, sport courts, playgrounds, skate parks, boat launches, mountain biking skills courses, equestrian facilities, racetracks and swimming pools.

**Passive Recreation Facilities include shelters, off-leash dog areas, miles of walking trails (in a park), and community gardens and amphitheaters.

Table 14. Reported Level of Service

Summary Capacity Measure	Minimum Standard (Population per Unit)	2021 ² LOS
Active Recreation Facilities	3,250	3,107 ⁴⁷⁷
Passive Recreation Facilities	3,650	3,106 ³⁷⁵
Regional Trail	8,750	6,147 ⁹⁷
Waterfront	11,500	11,102 ⁹²
Campsites	1,050	1,005 ⁴¹
Parking Spaces	120	102 ⁴

Actions Required: None

Comments: The park level of service (LOS) is calculated by dividing the number of residents within unincorporated Snohomish County by the number amenities provided within each of the identified measures. Population figures used for calculation are from the State Office of Financial Management (OFM). The Division of Parks & Recreation is on track to continue meeting the defined LOS for park land and facilities.

Park Land and Recreational Facilities

Parks and Recreation Division
Department of Conservation and Natural Resources

Park Land and Recreational Facilities

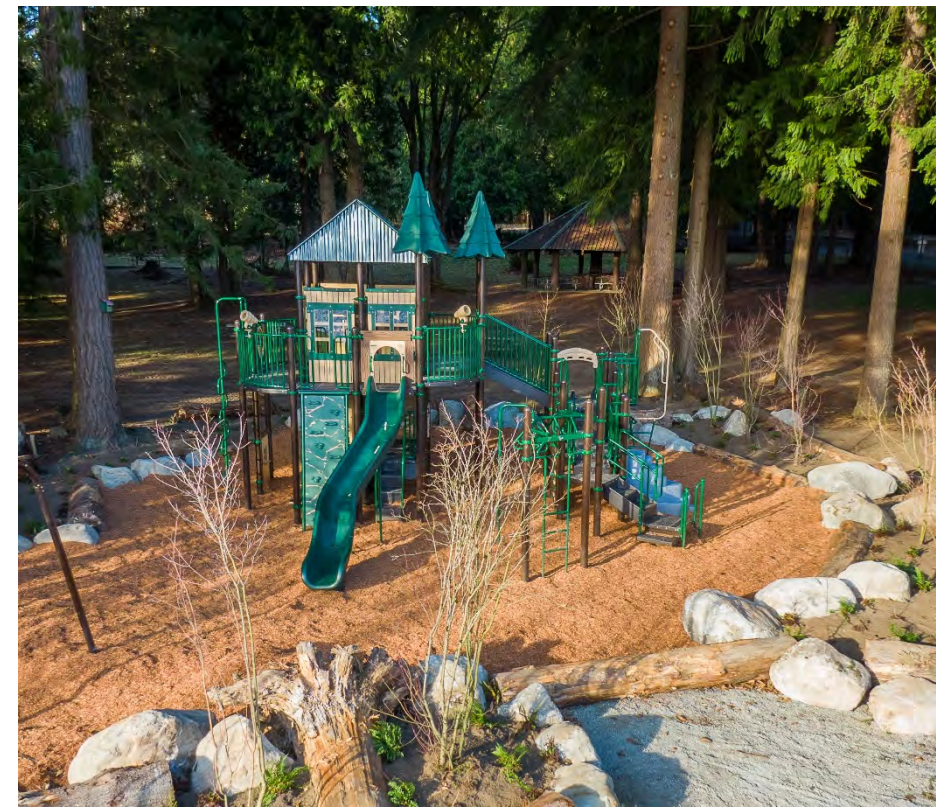
LOS Standards

Summary Capacity Measure	Minimum Standard (Population per Unit)	2022 LOS
Active Recreation Facilities	3,250	3,074
Passive Recreation Facilities	3,650	3,106
Regional Trail	8,750	6,147
Waterfront	11,500	11,102
Campsites	1,050	1,005
Parking Spaces	120	102



Level of Service

- Active Facilities Examples
 - Ballfields
 - Sport courts
 - Playgrounds
 - Skate parks
 - Boat launch lanes
 - Mountain biking skills course
 - Equestrian facilities
 - Racetracks
 - Swimming pools
- Passive Facilities Examples
 - Shelters
 - Off-leash dog areas
 - Walking trails (miles)
 - Community gardens
 - Amphitheaters



Park Land and Recreational Facilities

SOA Key Findings

- Minimum LOS standards are being met
- There are no deficiencies in LOS measures projected over the next six years

From: [Canola, Eileen](#)
To: [Farris, Gregg](#)
Cc: [Frolich, Laura](#); [Siddons, Matthew](#); [Jennings, Henry](#)
Subject: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission
Date: Thursday, July 14, 2022 9:49:58 AM
Attachments: [SWM - CIP portion.docx](#)
[SWM slides-PC-Briefing.pptx](#)

Good morning Gregg,

We are coming up against a crunch to compile edits and get them to Finance for the annual County's CIP. Could you return edits for your department on the attached Word document, (it includes a map that needs updating), and the slide for the August 23rd Planning Commission presentation.

As in the past, we hope to have SWM staff on hand to present on their slide(s).

Thank you,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: [Canola, Eileen](#)
To: [Jennings, Henry](#)
Cc: [Siddons, Matthew](#)
Subject: RE: updated School LOS- for CIP
Date: Thursday, July 14, 2022 10:27:43 AM
Attachments: [Min LOS- 2022-2nd DRAFT CFPS-7-7-2022.docx](#)
[FW Next Steps School District CFPs - July briefing for Planning Commission.msg](#)

Hello Henry,

I have checked in with the school districts and the attached is the updated min-los for the master word document CIP. You can just copy and paste the table in.

Thank you,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: [Rugg, William](#)
To: [Siddons, Matthew](#); [Landgraff, Nickolis](#)
Cc: [Jennings, Henry](#); [Canola, Eileen](#); [Sandri, Lauren](#); [Mass, Julie](#)
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)
Date: Friday, June 24, 2022 4:29:50 PM
Attachments: [Paine Field Airport 2023-2028.pdf](#)
[Paine Field Airport 2023-2028 Map2.pdf](#)
[Paine Field Airport 2023-2028 KPAEdiagram.pdf](#)
[image001.png](#)
[image002.png](#)

Hello Everyone,

Please review and markup as needed the attached map products of the updates to the Airport section of the County's annual Capital Improvement Program (CIP). The '_KPAEdiagram.pdf' is an experimental map that helped me to locate taxiways A9 and A10. The path to the workspace is "\\snoco\gis\plng\carto\CIP\2022".

Have a good weekend,

-wr

Will Rugg | *GIS Analyst, Sr.*

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2185 | will.rugg@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 5:18 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Rugg, William <Will.Rugg@co.snohomish.wa.us>

Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

Thank you for sending the map of Pain Field with the marked-up changed. I have set-up a meeting for us to discuss the changes with GIS.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Tuesday, June 21, 2022 3:21 PM
To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Henry,

Yes, can you please make the following updates to our CIP Map? See attached.

Thank you for your help!

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Tuesday, June 21, 2022 2:47 PM
To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hi Nickolis,

Just reaching out to check in and see if you had a marked up PDF version of your CIP program, and if you needed any assistance with maps.

Thanks,

Henry Jennings | *Planner – Long Range Planning*

Snohomish County Planning & Development Services

3000 Rockefeller Ave., M/S 604 | Everett, WA 98201

425-262-2179 | Henry.Jennings@snoco.org

he/him

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Wednesday, June 1, 2022 12:32 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry

<Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Absolutely. We're still adjusting our CIP Program, so give me about two weeks and then I should know the exacts. I'll send back a marked up PDF version for final edits. I appreciate your help on the maps.

Thanks and be in touch ASAP.

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 5:48 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

We can have our Planning GIS Analysis help with updating the maps. Are there particular items that need to be amended?

Thanks,
Matthew

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 5:42 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Matt,

The narrative still looks good, but we normally need some assistance with the map update portion. Would you be the person who could assist us with map updates?

Thanks,

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Friday, May 27, 2022 4:10 PM

To: Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Airport portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to the Airport- please review and update as necessary.

☐ [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
☐ [Airport](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: [Lucas, Amy](#)
To: [Siddons, Matthew](#); [Salmon, Dara](#); [Teigen, Tom](#)
Cc: [Canola, Eileen](#); [Jennings, Henry](#)
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)
Date: Friday, July 29, 2022 12:07:28 PM
Attachments: [DEM_FinalDraft.docx](#)
[image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Hi Matthew,

I have not had a chance to update the PowerPoint slides yet, but I wanted to get our draft language to you for review. Dara has approved the changes. Please let me know if you have any questions, and I will have our presentation to you by next Wednesday.

Thank you,
Amy

Amy Lucas

Community Resilience Program Manager

Snohomish County Department of Emergency Management

720 80th Street SW, Bldg A, Everett, WA 98203

amy.lucas@snoco.org

Phone: (425) 388-5129 Cell: (425) 287-2333



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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, July 15, 2022 11:54 AM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Thank you for confirming Amy.
Matthew

From: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>
Sent: Friday, July 15, 2022 11:53 AM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hi Matthew,

I am confirming that I will be available for the presentation to the Planning Commission on August 23rd. I am currently making a few small edits to the DEM narrative document, and will also be slightly modifying the slide deck as well. I will have that to you by the 5th.

Thank you,
Amy

Amy Lucas

Community Resilience Program Manager

Snohomish County Department of Emergency Management

720 80th Street SW, Bldg A, Everett, WA 98203

amy.lucas@snoco.org

Phone: (425) 388-5129 Cell: (425) 287-2333



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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, July 15, 2022 11:39 AM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

I am following-up on the Capital Improvement Program (CIP) update. Please review and provide any edits from DEM to the word document and PowerPoint slides in the attached folder. If you can send your edits before **August 5, 2022**, it would be appreciated. We are currently compiling the responses from internal departments.

The presentation to the Planning Commission is scheduled for August 23rd. As in previous years, we hope to have DEM staff on hand to present their slides.



Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew
Sent: Tuesday, June 28, 2022 10:56 AM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: FW: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

This email is a reminder regarding the Capital Improvement Program (CIP) updates. We are asking that edits be submitted by **August 5, 2022**. It would be greatly appreciated if you can submit your edits before that date. We will need to integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for DEM. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew
Sent: Friday, May 27, 2022 4:10 PM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the DEM portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to DEM- please review and update as necessary.

☐ [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
☐ [DEM](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: [Schonhard, David](#)
To: [Siddons, Matthew](#); [Greninger, Jon](#)
Cc: [Canola, Eileen](#); [Jennings, Henry](#)
Subject: RE: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)
Date: Monday, July 25, 2022 8:22:00 AM
Attachments: [Solid Waste.docx](#)
[image001.png](#)
[image002.png](#)

See attached list of solid waste projects from 2023-2028.

Dave Schonhard | *Solid Waste Director*

[Snohomish County Public Works](#) | [Solid Waste Division](#)

8915 Cathcart Way, M/S 607 | Snohomish, WA 98296

O: 425-388-7654 | C: 425-238-6852 | F: 425-388-7643 | david.schonhard@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Monday, July 25, 2022 8:15 AM
To: Schonhard, David <David.Schonhard@co.snohomish.wa.us>; Greninger, Jon <Jon.Greninger@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)

Hello David,

The completed projects should be removed from the map and the text. Please send me the revised word document.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: Schonhard, David <David.Schonhard@co.snohomish.wa.us>
Sent: Thursday, July 21, 2022 2:40 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Greninger, Jon

<Jon.Greninger@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry

<Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)

I have updated the Solid Waste section of these documents to match the 6-year CIP in the draft 2023 budget. I do have a question, since this is the CIP for 2023-2028, should all of the projects that are to be completed in 2022 be removed from the attached word document?

Dave Schonhard | *Solid Waste Director*

[Snohomish County Public Works](#) | [Solid Waste Division](#)

8915 Cathcart Way, M/S 607 | Snohomish, WA 98296

O: 425-388-7654 | C: 425-238-6852 | F: 425-388-7643 | david.schonhard@snoco.org

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From: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 1:50 PM

To: Schonhard, David <David.Schonhard@co.snohomish.wa.us>; Greninger, Jon

<Jon.Greninger@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry

<Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)

Hello David,

Thank you for providing the update. Please let me know if you need any additional information from Long Range Planning.

Matthew

From: Schonhard, David <David.Schonhard@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 8:31 AM

To: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>; Greninger, Jon

<Jon.Greninger@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry

<Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)

Matthew, I updated the text for the Solid Waste CIP. It is likely there will be adjustments as we

develop the 2023 budget. I will make final edits to this document in early August. The text in the slide will also need to be updated at that time.

Thanks,
Dave

Dave Schonhard | Solid Waste Director

[Snohomish County Public Works](#) | [Solid Waste Division](#)

8915 Cathcart Way, M/S 607 | Snohomish, WA 98296

O: 425-388-7654 | C: 425-238-6852 | F: 425-388-7643 | david.schonhard@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Friday, May 27, 2022 4:09 PM

To: Greninger, Jon <Jon.Greninger@co.snohomish.wa.us>; Schonhard, David <David.Schonhard@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Updating Solid Waste section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Solid Waste portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to Solid Waste- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)

 [Solid Waste](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: [Brown Kendrick, Laura](#)
To: [Siddons, Matthew](#)
Subject: RE: Updating TES section of County's annual Capital Improvement Program (CIP)
Date: Friday, August 5, 2022 2:48:40 PM
Attachments: [image001.png](#)
[image002.png](#)

Hi Matthew,

Updated documents for the TES portion of the CIP have been uploaded to the OneDrive folder you linked us to previously. Please let me know if you need anything further.

Thank you,

Laura Brown Kendrick | *Transportation Specialist, Associate*

[Snohomish County Public Works](#) | Program Planning
3000 Rockefeller Ave, M/S 607 | Everett, WA 98201
425-388-6675 | laura.brown@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Thursday, July 14, 2022 8:37 AM
To: Ojala, Matthew <Matthew.Ojala@co.snohomish.wa.us>
Cc: Brown Kendrick, Laura <Laura.BrownKendrick@co.snohomish.wa.us>; George, Sheela <Sheela.George@co.snohomish.wa.us>; Larson, Jay <jay.larson@co.snohomish.wa.us>; Dickson, Stephen <Stephen.Dickson@co.snohomish.wa.us>
Subject: RE: Updating TES section of County's annual Capital Improvement Program (CIP)

Hello Matt,

Thank you for confirming that Laura will be the main point of contact. Please let me know if you need any additional info on the CIP update.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Ojala, Matthew <Matthew.Ojala@co.snohomish.wa.us>
Sent: Wednesday, July 13, 2022 4:28 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Brown Kendrick, Laura <Laura.BrownKendrick@co.snohomish.wa.us>; George, Sheela <Sheela.George@co.snohomish.wa.us>; Larson, Jay <jay.larson@co.snohomish.wa.us>; Dickson, Stephen <Stephen.Dickson@co.snohomish.wa.us>

Subject: RE: Updating TES section of County's annual Capital Improvement Program (CIP)

Hi Matthew,

We met on this today. Laura will be coordinating with Public Works staff to pull together the information you requested by August 5th. She will be the main point of contact on this effort.

Matt Ojala, P.E. | *Engineering Manager*

[Snohomish County Public Works](#) | Transportation & Environmental Services

3000 Rockefeller Ave. M/S 607 | Everett, WA 98201

O: 425-388-3109 C: 425-238-1972 | Matthew.Ojala@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Thursday, July 7, 2022 1:28 PM

To: Ojala, Matthew <Matthew.Ojala@co.snohomish.wa.us>

Cc: Brown Kendrick, Laura <Laura.BrownKendrick@co.snohomish.wa.us>; George, Sheela <Sheela.George@co.snohomish.wa.us>; Larson, Jay <jay.larson@co.snohomish.wa.us>

Subject: RE: Updating TES section of County's annual Capital Improvement Program (CIP)

Hello Matthew,

Thank you for the update. I granted access to the file locations for yourself, Sheela, and Laura. Please let me know if you need me to send any additional items.

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: Ojala, Matthew <Matthew.Ojala@co.snohomish.wa.us>

Sent: Thursday, July 7, 2022 12:07 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Brown Kendrick, Laura <Laura.BrownKendrick@co.snohomish.wa.us>; George, Sheela <Sheela.George@co.snohomish.wa.us>; Larson, Jay <jay.larson@co.snohomish.wa.us>

Subject: FW: Updating TES section of County's annual Capital Improvement Program (CIP)

Hi Matthew,

I recently transferred to an SPW email account and didn't receive your reminder below (Jay Larsen just forwarded it to me).

We are planning to get you this information by August 5th. Can you also give me access to file locations you emailed me below and make sure Sheela George and Laura also have access?

I'll be meeting with Laura and Sheela on this and will be in touch.

Thanks,

Matt Ojala, P.E. | *Engineering Manager*

[Snohomish County Public Works](#) | Transportation & Environmental Services

3000 Rockefeller Ave. M/S 607 | Everett, WA 98201

O: 425-388-3109 C: 425-238-1972 | Matthew.Ojala@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, June 28, 2022 10:56 AM

To: Ojala, Matthew <Matthew.Ojala9@co.snohomish.wa.us>

Cc: George, Sheela <Sheela.George@co.snohomish.wa.us>; Larson, Jay <jay.larson@co.snohomish.wa.us>; Dickson, Stephen <Stephen.Dickson@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating TES section of County's annual Capital Improvement Program (CIP)

Hello Matthew,

This email is a reminder regarding the Capital Improvement Program (CIP) updates. We are asking that edits be submitted by **August 5, 2022**. It would be greatly appreciated if you can submit your edits before that date. We will need to integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for TES. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Tuesday, May 31, 2022 8:23 AM
To: Dickson, Stephen <Stephen.Dickson@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: FW: Updating TES section of County's annual Capital Improvement Program (CIP)

Hello Stephen,

I am sending you the original email and documents as requested by Douglas McCormick.

Thank you,
Matthew

From: Siddons, Matthew
Sent: Friday, May 27, 2022 4:10 PM
To: McCormick, Douglas <DMcCormick@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: Updating TES section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the TES portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to TES- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
 [DPW-TES](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

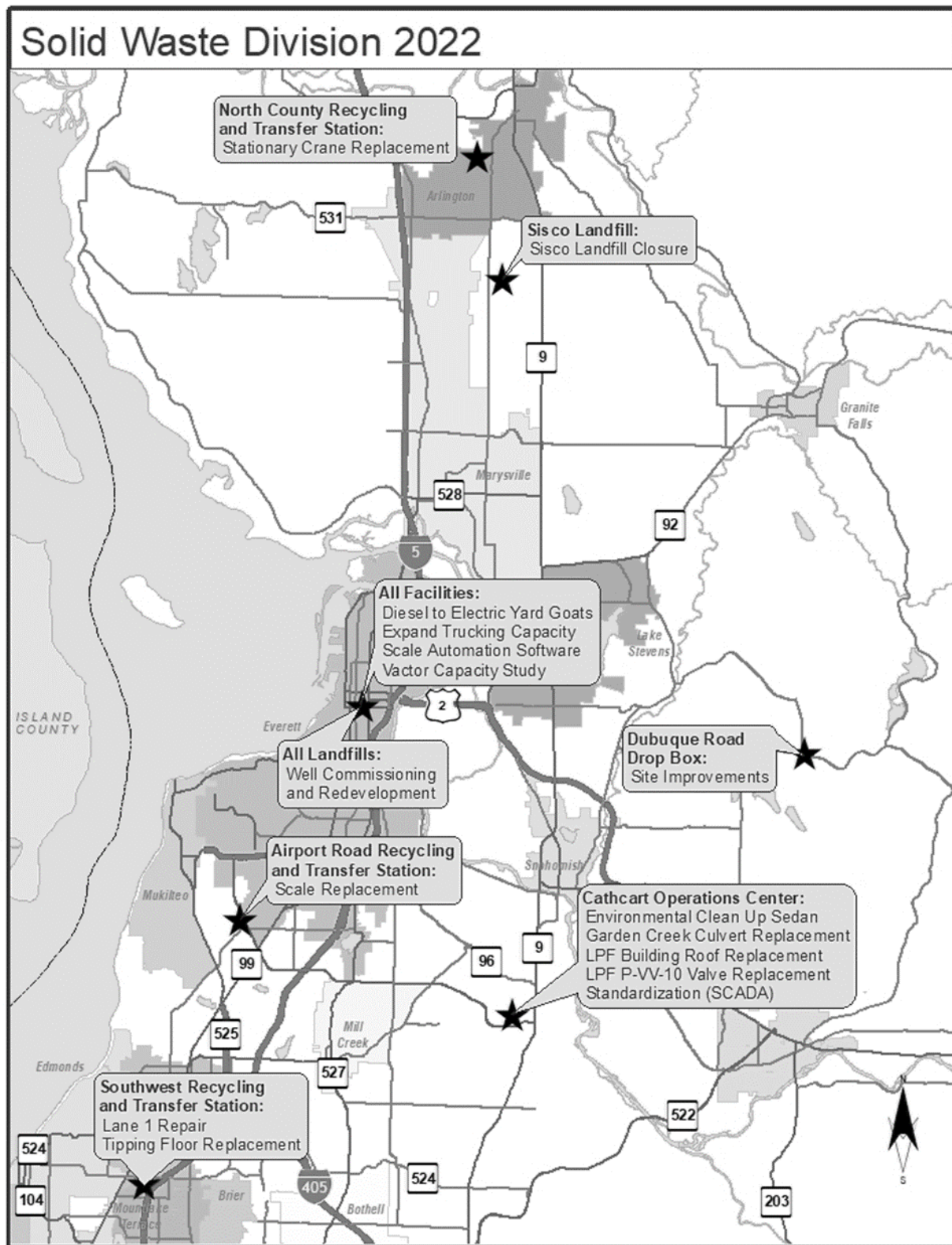
Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Park, Recreation and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
Airport Facilities	Many Snohomish County Airport (Paine Field) capital projects are multi-year construction projects and respond to existing or prospective customer needs that preserve and increase the asset and revenue base of the Airport. These include airfield upgrades; new building construction; road

Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Scale Automation Software Upgrade:</u> The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2023. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. The Division will replace this system in 2023. <u>Drop Box Improvements:</u> The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. A feasibility study will be performed in 2023 to evaluate future requirements for east Snohomish County disposal options. <u>LPF Building Roof Replacement:</u> The roof on this facility has been leaking for several years and is past its useful life and the upper roof will be replaced in 2023. <u>Bldg K Retrofit:</u> The trailer used by the Cashiering Specialist group at CWOC is in poor condition and in the way of future vector operations. The Division will retrofit an existing building as office space for this workgroup to utilize in 2023. <u>MRW Facility Floor Finishing:</u> The concrete floor at the MRW is in poor condition due to the hazardous materials that are processed at this facility. The floor will be prepped and refinished by a contractor in 2023. <u>Groundwater Well Commissioning and Redevelopment:</u> Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The McCollum Park maintenance includes abandoning two wells north of the landfill. <u>Cathcart Culvert Replacement:</u> Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement, the second set of culverts will be replaced in 2023. <u>Vector Capacity Study:</u> The Division's vector grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will expand this facility in 2023. <u>Electric yard goats:</u> The division has purchased 4 electric yard goats. The 2 remaining diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models if a yard goat is developed that can operate on a slope. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. <u>Semi-trucks:</u> As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. This equipment will be procured in 2023. <u>Wheeled Loader:</u> A wheeled loader is required for CWRTS to process MSW. The Division will explore if a hybrid or electric version is available and will procure this equipment in 2023. <u>SWRTS Scale Replacement:</u> The SWRTS commence scales are approaching 20 years

Sub-Category	Summary Description of Projects Included in the CIP
	<p>old and need to be replaced to ensure accurate billing of customers and will be replaced in 2023.</p> <p>12. <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 <u>2024</u> with construction in <u>2025</u>.</p> <p>13. <u>Intermodal Facility Improvements</u>: The SWD requires additional parking and a new office at the Intermodal Facility which will be constructed in 2025.</p> <p>14. <u>ARTS Compactor Replacement</u>: The ARTS compactors will reach the end of their useful life and will be replaced in 2026.</p> <p>15. <u>Rail Capacity Improvements</u>: The County will work with BNSF to improve intermodal capacity in the Delta Yard, located adjacent to the Intermodal Facility in 2026.</p> <p>16. <u>North County Recycling & Transfer Station</u>: This facility was constructed in 1988 and is reaching the end of its useful 40-year life expectancy. The Division will perform a feasibility study to replace this facility with a flat floor transfer station. It is anticipated that construction will begin in 2026 and be completed in 2027.</p> <p>17. <u>SWRTS Compactor Replacement</u>: The SWRTS compactors will reach the end of their useful life and will be replaced in 2028.</p> <p>18. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures each year.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

Map 4: Solid Waste Facilities Projects (2022-2027)



DRAFT 2023-2028 CIP

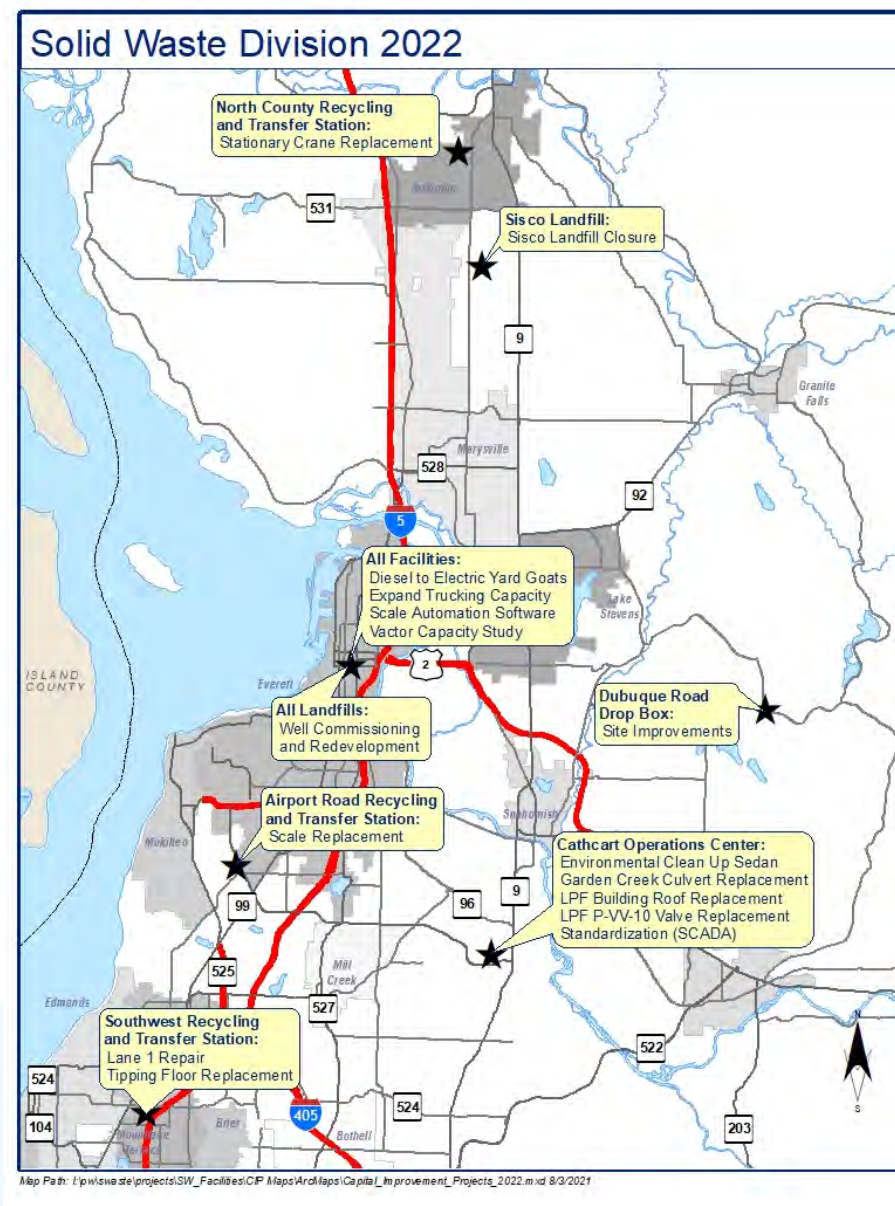
Solid Waste

Department of Public Works, Solid Waste Division



Snohomish County

2022-2027 Solid Waste Projects



Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

Sub-Category	Summary Description of Projects Included in the CIP
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REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
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Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

Sub-Category	Summary Description of Projects Included in the CIP
	<p>McCollum Park maintenance includes abandoning two wells north of the landfill.</p> <p>12. <u>Cathcart Culvert Replacement</u>: Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement.</p> <p>13. <u>Airport Road Recycling and Transfer Station (ARTS) scales</u>: The ARTS scales have been in service since 2003 and are used for commerce (fee based on weight). They are at the end of their useful life and require replacement. Scales will be replaced sequentially to maintain normal operations during this project.</p> <p>14. <u>Vactor Capacity Study</u>: The Division's vactor grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will evaluate whether and how to expand the ability to grow the area.</p> <p>15. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

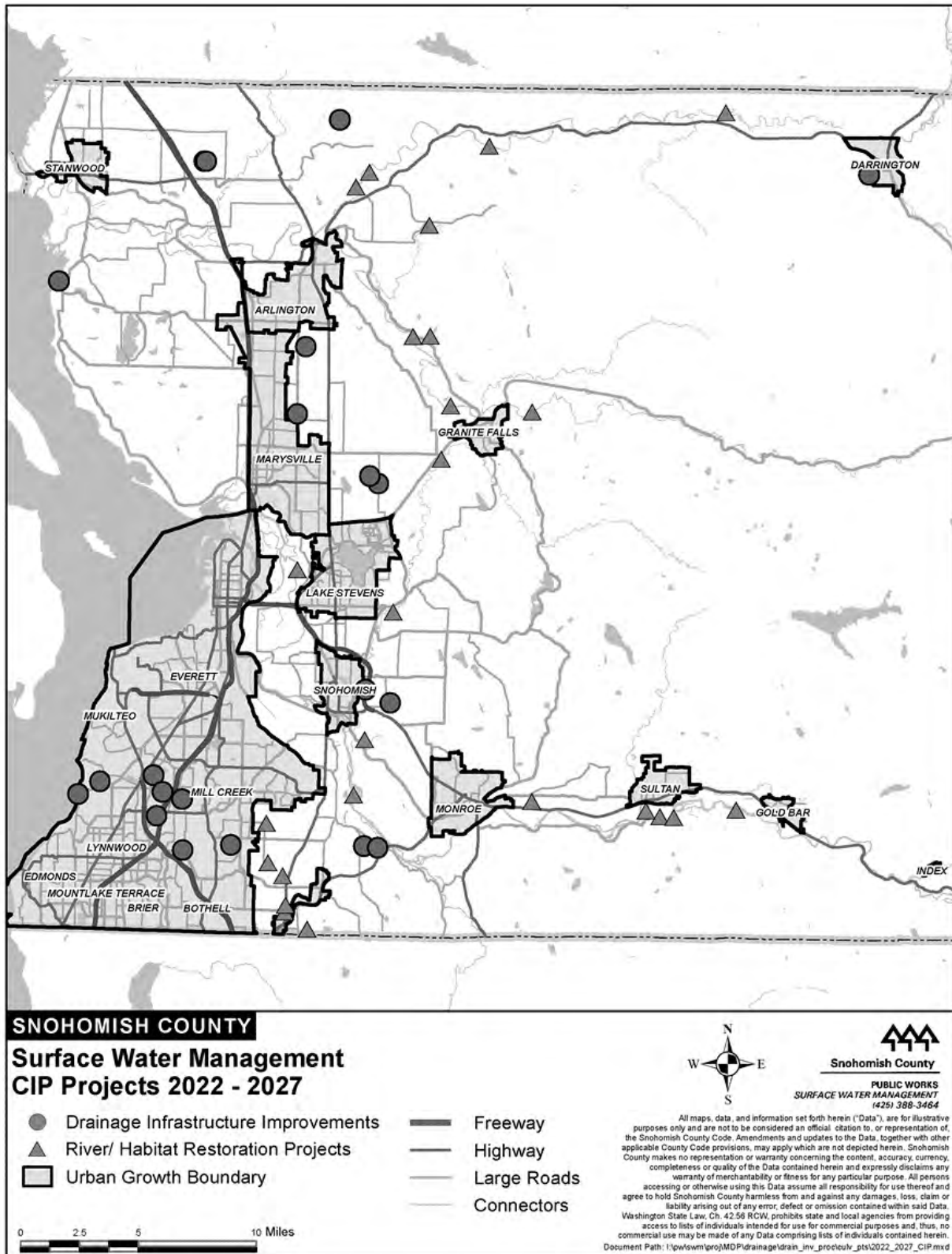
Table 6. Summary of Capital Facilities Statements of Assessment

	Surface Transportation	Park Land & Recreational Facilities	Surface Water Management	Public Water Supply	Public Wastewater Systems	Electric Power	Public Schools	Fire Protection Services
Are current minimum levels of service (LOS) being met?	Yes	Yes	Yes	DOH standards are being met	Ecology standards are being met	Yes	Yes	Yes
Funding is adequate for capital projects over the next six years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are there any projected funding shortfalls?	No	No	No	No	No	No	No	No
Corresponding minimum levels of service should be met over the next six years?	Yes	Yes	Yes	DOH standards expected to be met	Ecology standards expected to be met	Yes	Yes	Yes
Will regulatory measures appropriately ensure that	Yes – Concurrency regulations	Yes – Impact fees also required	Yes	Yes – Developers generally pay directly for	Yes – Developers generally pay directly for	Yes LOS is met under the requirements	N/A LOS is met under the requirements	Yes

new development will not occur unless the necessary facilities are available to support the development at the adopted minimum level of service?				permitted infrastructure extensions ¹	permitted infrastructure extensions	of service provider	of service provider	
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¹Seven Lakes Water Association is limited on new water service connections due the nature of its water rights. Snohomish County is monitoring growth trends in this rural area of limited growth

Map 2: Surface Water Management Projects (2022-2027)



Part 5.1b – Surface Water Management

Sufficiency of Capital Improvement Program

The adopted level of service (LOS) for surface water facilities is based on two standards and one target. These are defined in the Snohomish County Capital Facilities Plan. The first standard consists of stormwater regulations for new development as defined in Chapter 30.63A SCC. All new development must comply with the defined stormwater regulations in order to obtain permit approval. The second standard requires a minimum County investment in surface water capital facilities of \$8.35 million over a six-year period. The capital improvement program for the Surface Water Management (SWM) division of the Public Works Department is specifically dedicated to investments in surface water capital facilities.

In addition to these two standards, the County adopted a target LOS for surface water facilities as part of the County's 2005 update of the Comprehensive Plan. The target is that the most frequent known urban flooding problems that occur within County rights-of-way or that are associated with drainage systems maintained by the County would be resolved by 2025. Specifically, the most frequent flooding problems would be defined as those that occur at least an average of once every two years.

Funding Adequacy for CIP

Much of the funding for meeting the LOS standard based on stormwater requirements for new development would come from the private sector as new growth is approved. However, some of the funding would also come from the public sector as public projects, such as county road improvements and park projects, are approved.

The primary funding source for meeting the LOS standard, based on a minimum public investment in surface water capital facilities of \$8.35 million over the next six years, is funds from the SWM utility, as shown in the SWM Division budget. The revenue sources currently used include SWM utility charges, which are collected from utility ratepayers and are used within the SWM utility district; real estate excise taxes (REET II), usable throughout the county for capital projects; the County Road Fund; and various grants, which are limited to specific projects.

The County meets the minimum level of investment in surface water capital facilities. A total of \$94.7 million has been identified for surface water capital facilities in the 2022-2027 CIP. The County recognizes that the County investments in surface water capital projects far exceeds the minimum LOS established in 1995. In addition to funding SWM's capital program, the SWM service charges are the primary revenue source for SWM's non-capital programs. Some of these non-capital programs, such as stormwater facility maintenance, salmon planning, and water quality monitoring, are being increasingly mandated through various state and federal programs. A lower surface water capital facility LOS allows the County the maximum flexibility to accommodate future capital and non-capital state or federal mandates.

The primary funding source for meeting the LOS target of solving all known two-year flooding problems along drainage systems maintained by the County by 2025 is, likewise, funds from the SWM utility, as shown in the SWM Division budget. The list of projects that addresses two-year flooding problems will change over time as drainage problems are resolved through public and private investment and as new drainage problems arise. The 2022-2027 CIP contains projects that contribute to meeting this LOS target.

Adequacy of Regulatory Mechanisms

Current County regulations are only relevant to the surface water LOS standard that applies to new development. This standard is achieved by requiring that new private developments and public construction projects comply with the requirements of the County's drainage code, Chapter 30.63A SCC. In 2016, Chapter 30.63A SCC was revised to provide for a generally higher level of water quality and flood protection in response to more stringent requirements of the County's National Pollutant Discharge Elimination System (NPDES) permit.

Statement of Assessment

Based on the proposed budget and six-year CIP, as well as the existing regulations, Snohomish County will continue to achieve the minimum LOS for surface water.

DRAFT 2023-2028 CIP

Section 6.1 – Level of Investment

Part 6.1a Surface Water Management and Electric Power Level of Service Report

Minimum level of service (LOS) for surface water management and electric power facilities is expressed in terms of “minimum level of investment” in infrastructure over time. The LOS for surface water management and electric power are included together because they both utilize this measurement, which is summarized in Table 10.

Table 10. Minimum Level of Investment

Capital Facility	Minimum Level of Investment Standard	Actual Level of Projected Investment	Comments
Surface Water Management	\$8.35 million should be invested over a 6-year period	\$94.7 million between 2022 and 2027	The majority of funding is from SWM utility revenues, which are collected from properties and roads. The SWM Six-Year CIP for 2022-2027 assumes a utility rate of \$128.93 per single-family household in 2022 with a 2.8% annual cost adjustment (ACA) each subsequent year.
Electric Power	Approximately \$525 million should be invested over a five-year period	Approximately \$525 million is invested over a five-year period.	This is based on load growth projections, aged-asset replacement, relocation of electrical facilities on public rights-of-way due to widening or Control Zone requirements, and accommodation of new technologies such as Electric Vehicles (EVs). Snohomish PUD tries to level their annual budget by increasing or decreasing asset replacement based on fluctuating capital requirements for load growth due to economic factors.

Surface Water Management (SWM)

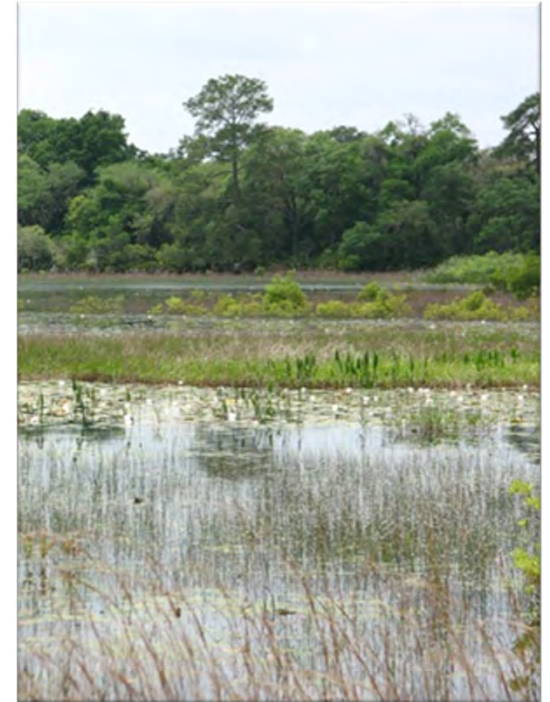
Department of Conservation and Natural Resources
Surface Water Management Division

Surface Water Management LOS Standards and SOA Key Findings

- Level of Service (LOS) = County drainage code + Minimum Level of Investment (\$8.35 M in six years)
- Target LOS = Eliminate frequent flooding by 2026
- Current Level of Investment approximately \$94.7M between 2022 and 2027

Statement of Assessment Key Findings

- Minimum LOS standards are being met
- There are no deficiencies in LOS measure projected over the next six years



Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Park, Recreation and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
REET Debt Service	Snohomish County allocates Real Estate Excise Tax (REET) funds within the Capital Improvement Program to provide debt service for its outstanding Limited Tax General Obligation Bonds. These bond issuances have been used to finance a variety of County capital needs, including a new Courthouse addition, a number of County facility remodels, various County Parks projects, and the Campus Redevelopment Initiative (CRI) which included a correctional facility, parking garage, and administration building.
Surface Transportation	<p>The Department of Public Works (DPW) – Transportation and Environmental Services (TES) division's Transportation Improvement Program (TIP) includes a wide variety of capital projects that are grouped into several categories:</p> <ul style="list-style-type: none"> A. <u>Miscellaneous Engineering & Studies</u>: This category funds preliminary project planning, feasibility studies, and specialized reviews associated with initial project development; B. <u>Preservation/Overlay & ADA</u>: DPW uses a pavement management system that provides a systematic approach to lengthen roadway life through timely maintenance and preservation. Overlay projects and the associated ADA ramp upgrades are programmed in this category. Also budgeted here is the County's ADA transition program and County contributions to local agency projects; C. <u>Non-Motorized/Transit/High Occupancy Vehicle</u>: This category funds projects to promote active transportation and improve multi-modal connections along major roadways and in growing urban areas. Improvements enhance walking conditions along popular routes between schools, transit stops, and residential and commercial areas. These facilities help to ensure resident safety, reduce vehicle trips, and improve access to public transportation and park and ride opportunities; D. <u>Traffic Safety/Intersections</u>: These projects provide safety improvements at spot locations and are designed to improve traffic flow and eliminate hazards. Projects include turn lane additions, neighborhood traffic calming devices, traffic signals, guardrail installation, road bank stabilization, and flood repair projects; E. <u>Capacity Improvements</u>: Projects in this category are designed to increase vehicle carrying capacity on the county arterial system and provide satisfactory levels-of-service to meet transportation system concurrency requirements. Projects include corridor widenings, new alignments, and major intersection improvements; F. <u>Bridge Replacement and Rehabilitation</u>: This category funds the replacement or rehabilitation of deficient county bridges identified through federal and state inspections; G. <u>Drainage</u>: Drainage projects improve and preserve drainage infrastructure on the county road system. A component of this category is replacement of culverts under county roads to improve fish passage.
Airport Facilities	Many Snohomish County Airport (Paine Field) capital projects are multi-year construction projects and respond to existing or prospective customer needs that preserve and increase the asset and revenue base of the Airport. These include airfield upgrades; new building construction; road

Sub-Category	Summary Description of Projects Included in the CIP
	<p>construction for improved transportation access to these new developments; and miscellaneous repairs to existing facilities and infrastructure. Aviation-related capital improvements may be eligible for funding from two sources; grant funding from the Federal Aviation Administration ("FAA") at 90%; and/or from local Passenger Facility Charges ("PFC") which is at \$4.50 per enplaned passenger. Local PFC funds are restricted to FAA approved projects only. The FAA funds runway and safety improvements, obstruction removal and other capital projects to meet or maintain FAA standards and preserve or enhance capacity.</p>
Technology Plan	<p>Capital projects for Information Technology (IT) typically involve multi-year efforts to upgrade or replace the technology systems of Snohomish County. The County uses a 36-month IT strategic plan to define the priorities for technology investments, and they plan these priorities in conjunction with customer agencies who propose projects to advance those strategies. Over the next five years, most capital projects will focus on "application modernization" –modernizing and replacing aging legacy applications in order to support more efficient and effective operations and services. Details about both current projects and future IT strategies are published in IT's annual report as required by County code.</p>
Surface Water Management	<p>Projects of Surface Water Management (SWM) (a division of Conservation & Natural Resources) are undertaken for the purposes stated in Snohomish County Code. The projects reduce drainage problems, improve aquatic habitat, improve the water quality of the County's drainage systems and local streams and lakes, address local drainage and flood protection needs, as well as respond to Federal mandates to protect habitat and water quality under the Endangered Species and Clean Water Acts.</p> <p>SWM's six-year CIP (2022-2027) continues to implement drainage, water quality, aquatic habitat and river protection projects as follows:</p> <ol style="list-style-type: none"> 1. <u>Flooding, Erosion & Habitat Restoration Projects</u>: The Stream and River Capital sub program includes river, sediment, and erosion control projects on large rivers, and feasibility analysis, design and construction of projects to restore or improve habitat and water quality in rivers and streams. This Program operates and maintains dikes and levees within the county and works with FEMA to mitigate future property losses through the acquisition, elevation, or relocation of risk-prone structures. <p>Habitat restoration capital efforts are focused on implementation of the County's Salmon Recovery Plans organized around WRIA 5 (Stillaguamish), WRIA 7 (Snohomish) and WRIA 8 (South County Lake Washington) and implementation of project recommendations from the Sustainable Lands Strategy (SLS) process.</p> <ol style="list-style-type: none"> 2. <u>Drainage, Fish Passage and Water Quality Projects</u>: The Drainage, Fish Passage and Water Quality Capital sub program provides engineering planning and analysis, project design, and project construction to solve drainage problems, improve culverts for fish passage, and improve water quality throughout the County. The projects include upsizing culverts or drainage systems, installing new drainage or infiltration systems to reduce road flooding, and retrofitting drainage and stormwater facilities to increase stormwater detention and /or improve water quality. This program has four main components: <ul style="list-style-type: none"> • Drainage and Flooding Reduction projects: These projects resolve neighborhood and basin wide drainage and road flooding problems. The projects are developed from drainage complaints, referrals from other County departments and divisions, Master Drainage Plans and other engineering studies; • Fish Passage Improvement projects: This includes the development and implementation of a program to replace existing fish blockage culverts with systems that allow and encourage fish passage; • Master Drainage Planning, basin planning, and Water Quality Facility Planning: This program includes analysis of specific geographic areas and preliminary design to resolve existing and predicted future drainage, water quality and habitat

Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

Sub-Category	Summary Description of Projects Included in the CIP
	<p>McCollum Park maintenance includes abandoning two wells north of the landfill.</p> <p>12. <u>Cathcart Culvert Replacement</u>: Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement.</p> <p>13. <u>Airport Road Recycling and Transfer Station (ARTS) scales</u>: The ARTS scales have been in service since 2003 and are used for commerce (fee based on weight). They are at the end of their useful life and require replacement. Scales will be replaced sequentially to maintain normal operations during this project.</p> <p>14. <u>Vactor Capacity Study</u>: The Division's vactor grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will evaluate whether and how to expand the ability to grow the area.</p> <p>15. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

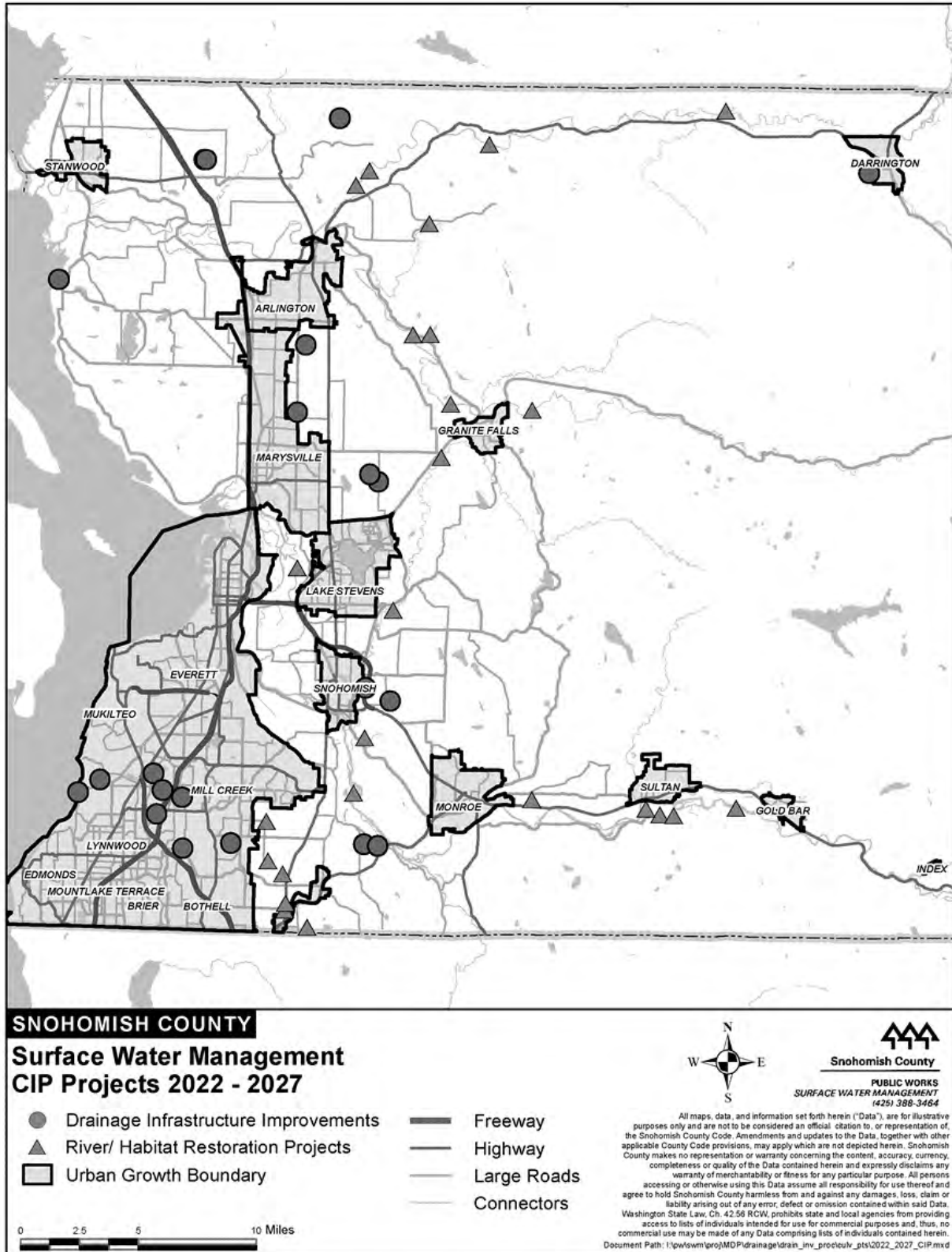
Table 6. Summary of Capital Facilities Statements of Assessment

	Surface Transportation	Park Land & Recreational Facilities	Surface Water Management	Public Water Supply	Public Wastewater Systems	Electric Power	Public Schools	Fire Protection Services
Are current minimum levels of service (LOS) being met?	Yes	Yes	Yes	DOH standards are being met	Ecology standards are being met	Yes	Yes	Yes
Funding is adequate for capital projects over the next six years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are there any projected funding shortfalls?	No	No	No	No	No	No	No	No
Corresponding minimum levels of service should be met over the next six years?	Yes	Yes	Yes	DOH standards expected to be met	Ecology standards expected to be met	Yes	Yes	Yes
Will regulatory measures appropriately ensure that	Yes – Concurrency regulations	Yes – Impact fees also required	Yes	Yes – Developers generally pay directly for	Yes – Developers generally pay directly for	Yes – LOS is met under the requirements	N/A – LOS is met under the requirements	Yes

new development will not occur unless the necessary facilities are available to support the development at the adopted minimum level of service?				permitted infrastructure extensions ¹	permitted infrastructure extensions	of service provider	of service provider	
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¹Seven Lakes Water Association is limited on new water service connections due the nature of its water rights. Snohomish County is monitoring growth trends in this rural area of limited growth

Map 2: Surface Water Management Projects (2022-2027)



Part 5.1b – Surface Water Management

Sufficiency of Capital Improvement Program

The adopted level of service (LOS) for surface water facilities is based on two standards and one target. These are defined in the Snohomish County Capital Facilities Plan. The first standard consists of stormwater regulations for new development as defined in Chapter 30.63A SCC. All new development must comply with the defined stormwater regulations in order to obtain permit approval. The second standard requires a minimum County investment in surface water capital facilities of \$8.35 million over a six-year period. The capital improvement program for the Surface Water Management (SWM) division of the Public Works Department is specifically dedicated to investments in surface water capital facilities.

In addition to these two standards, the County adopted a target LOS for surface water facilities as part of the County's 2005 update of the Comprehensive Plan. The target is that the most frequent known urban flooding problems that occur within County rights-of-way or that are associated with drainage systems maintained by the County would be resolved by 2025. Specifically, the most frequent flooding problems would be defined as those that occur at least an average of once every two years.

Funding Adequacy for CIP

Much of the funding for meeting the LOS standard based on stormwater requirements for new development would come from the private sector as new growth is approved. However, some of the funding would also come from the public sector as public projects, such as county road improvements and park projects, are approved.

The primary funding source for meeting the LOS standard, based on a minimum public investment in surface water capital facilities of \$8.35 million over the next six years, is funds from the SWM utility, as shown in the SWM Division budget. The revenue sources currently used include SWM utility charges, which are collected from utility ratepayers and are used within the SWM utility district; real estate excise taxes (REET II), usable throughout the county for capital projects; the County Road Fund; and various grants, which are limited to specific projects.

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Adequacy of Regulatory Mechanisms

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Statement of Assessment

Based on the proposed budget and six-year CIP, as well as the existing regulations, Snohomish County will continue to achieve the minimum LOS for surface water.

Section 6.1 – Level of Investment

Part 6.1a Surface Water Management and Electric Power Level of Service Report

Minimum level of service (LOS) for surface water management and electric power facilities is expressed in terms of “minimum level of investment” in infrastructure over time. The LOS for surface water management and electric power are included together because they both utilize this measurement, which is summarized in Table 10.

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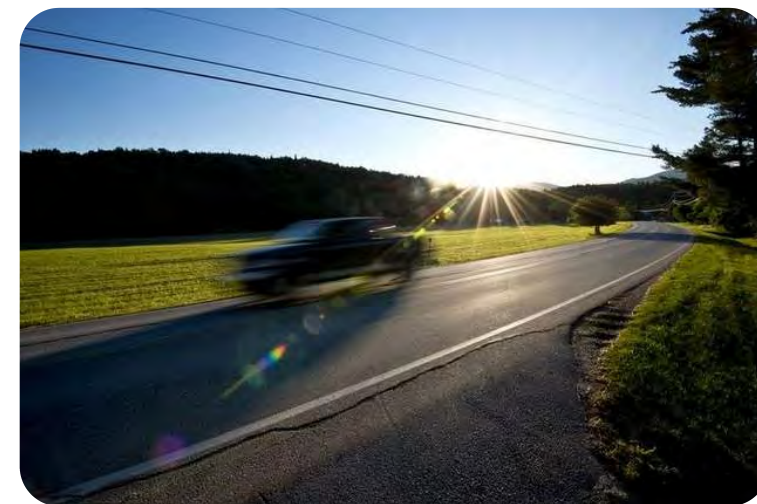
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Surface Transportation

Department of Public Works
Transportation and Environmental Services Division

Surface Transportation LOS Standards

- Defined in the Transportation Element of the adopted County Comprehensive Plan
- Current LOS standard is vehicular-based – travel speed
- Concurrency Management System – monitors LOS on arterials.



Note: Six-year TIP is adopted by reference in the CIP



Surface Transportation SOA Key Findings

- No arterial units in arrears
- No forecasted LOS deficiencies in the six-year planning period
- Funding is adequate to maintain LOS standards
- 35th Ave SE corridor Ultimate Capacity designation
- Continuous assessment of cost inflation impacts to capital program



Projects by Classification

The following matrix provides a high-level description of projects within this Capital Improvement Program (CIP) by sub-category classification.

Table 4: Description of Projects by Classification

Sub-Category	Summary Description of Projects Included in the CIP
Park Land and Recreational Facilities	The Division of Park, Recreation and Tourism's CIP projects are centered on four main priorities: meeting level of service (LOS) (largely funded through park impact mitigation fees and grants), taking care of existing assets (e.g. pavement preservation, playground replacement and renovation of existing parks), expansion of revenue producing amenities and development of regional trail systems. Whenever possible, grant funds and other outside funds are sought to support park capital improvements and significant funding has been provided in the past from the Washington State Recreation and Conservation Office, donations and other sources.
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Sub-Category	Summary Description of Projects Included in the CIP
	<p>problems; and</p> <ul style="list-style-type: none"> NPDES and water quality-focused projects: These projects include retrofitting stormwater facilities to improve water quality and improving County drainage systems to reduce water quality problems.
Solid Waste Facilities	<p>The Solid Waste Division (Public Works) 2022-2027 CIP identifies the following projects:</p> <ol style="list-style-type: none"> <u>Sisco Landfill</u>: As part of a settlement agreement, the County will use restricted third-party funds to pay for closure of the Sisco Landfill in accordance with state and local regulations. Design and permitting began in 2017. Permitting will continue through 2022 with construction in 2023. <u>Scale Automation Software Upgrade</u>: The Division will proceed with a Request for Proposals (RFP) and acquisition of a new scale software system in 2022. The existing system, servicing all Division facilities, has been in operation for over 30 years. The system has been stable and reliable; however, many of the programming and report functions are no longer compatible with current IT systems and computer processing technology. Upgrading the software system would be a benefit to both the Division and its customers. <u>Drop Box Improvements</u>: The Division's aging rural drop box sites are in need of repair. Such repairs include maintenance of site retaining walls and parking lot surface treatments. Additionally, with continued development in the eastern part of the County, the Division will develop plans to address the solid waste needs in this part of the County. This is a carryover from the prior CIP. <u>Electric yard goats</u>: The current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>Semi-truck</u>: As volume has increased at all of the sites, the Division has a need to expand trucking capacity to continue to move solid waste through the system. <u>Sedan</u>: The Environmental Clean-up Team has seen an increased Electric yard goats – the current diesel yard goats are nearing the end of their useful lives and the Division is replacing these critical pieces of equipment with all electric models. These models are anticipated to save repair and maintenance expenses over the useful life of the equipment. The Division would keep (buy-back) one diesel truck to be used for training and as a spare. <u>North County Recycling and Transfer Station (NCRTS) Stationary Crane</u>: The heavy equipment that loads solid waste into compactors has reached the end of its useful life and the Division is purchasing a replacement. <u>Southwest Recycling and Transfer Station (SWRTS) Tipping Floor Replacement</u>: The tipping floor at this station has been ground down and is experiencing puddling in certain areas. With the volume of heavy equipment activity, this is a part of a normal replacement schedule. <u>SWRTS Lane 1 Repair</u>: This lane has damage from normal wear and tear and needs replacement. <u>LPF Building Roof Replacement</u>: The roof on this facility has been leaking for several years and is past its useful life. <u>Groundwater Well Commissioning and Redevelopment</u>: Work would include maintenance of groundwater wells at the Bryant, Lake Goodwin and McCollum Park landfills. At the Bryant landfill, this would include removing existing pumps from all onsite wells and re-development of the wells using swabbing, surge and bail, and pumping techniques. The Lake Goodwin landfill maintenance includes abandoning, drilling and replacing one groundwater well and constructing a new well deeper to intersect with the groundwater surface in the area, which appears to be dropping. The

Sub-Category	Summary Description of Projects Included in the CIP
	<p>McCollum Park maintenance includes abandoning two wells north of the landfill.</p> <p>12. <u>Cathcart Culvert Replacement</u>: Culverts directing Garden Creek flow underneath portions of access roads on the Cathcart Way Operations Center campus are in need of repair and replacement.</p> <p>13. <u>Airport Road Recycling and Transfer Station (ARTS) scales</u>: The ARTS scales have been in service since 2003 and are used for commerce (fee based on weight). They are at the end of their useful life and require replacement. Scales will be replaced sequentially to maintain normal operations during this project.</p> <p>14. <u>Vactor Capacity Study</u>: The Division's vactor grit line of business has seen significant year-over-year growth for multiple years and has responded by adding temporary capacity. The Division will evaluate whether and how to expand the ability to grow the area.</p> <p>15. <u>Contingency funding for unanticipated repairs</u>: Funding to support repairs for unanticipated equipment failures.</p>
General Government Facilities	The County is in the planning stage of the construction of Arlington Operations Center to house the road maintenance and fleet services divisions of the County servicing the north end
Fleet Services	Fleet Services' 2022-2027 CIP consists of equipment replacement for individual equipment costing over \$50,000.

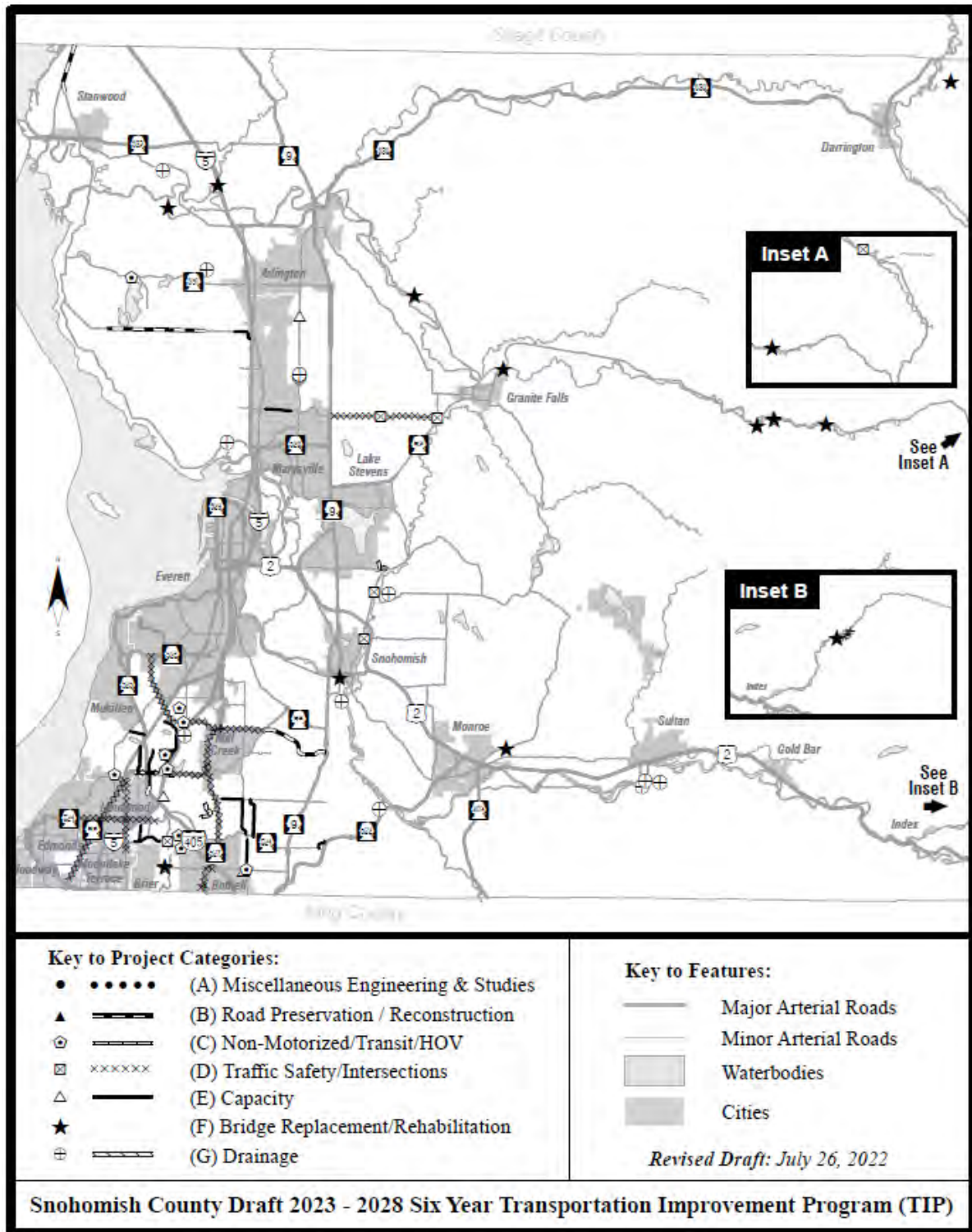
Table 6. Summary of Capital Facilities Statements of Assessment

	Surface Transportation	Park Land & Recreational Facilities	Surface Water Management	Public Water Supply	Public Wastewater Systems	Electric Power	Public Schools	Fire Protection Services
Are current minimum levels of service (LOS) being met?	Yes	Yes	Yes	DOH standards are being met	Ecology standards are being met	Yes	Yes	Yes
Funding is adequate for capital projects over the next six years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are there any projected funding shortfalls?	No	No	No	No	No	No	No	No
Corresponding minimum levels of service should be met over the next six years?	Yes	Yes	Yes	DOH standards expected to be met	Ecology standards expected to be met	Yes	Yes	Yes
Will regulatory measures appropriately ensure that	Yes – Concurrency regulations	Yes – Impact fees also required	Yes	Yes – Developers generally pay directly for	Yes – Developers generally pay directly for	Yes – LOS is met under the requirements	N/A – LOS is met under the requirements	Yes

new development will not occur unless the necessary facilities are available to support the development at the adopted minimum level of service?				permitted infrastructure extensions ¹	permitted infrastructure extensions	of service provider	of service provider	

¹Seven Lakes Water Association is limited on new water service connections due the nature of its water rights. Snohomish County is monitoring growth trends in this rural area of limited growth

Map 3: Surface Transportation Projects (2023-2028)



Part 5.1a – Surface Transportation

Sufficiency of Capital Improvement Program

Snohomish County's Transportation Element (TE) is a primary component of the Snohomish County Comprehensive Plan. It adopts a transportation level of service (LOS) standard, policies for the development and maintenance of the transportation system, and strategies for implementing the policies and the LOS standard. The TE also identifies major road projects needed to support the development planned in the future land use map (FLUM) and maintain the County's adopted LOS. The Transportation Needs Reports (TNR) prioritizes the TE projects and identifies the projects that provide the cost basis of the County's GMA transportation impact fee (impact fee projects). The TNR is also the foundation for the six-year Transportation Improvement Program (TIP) that is updated and approved annually and reflected within the County's CIP.

Funding Adequacy

The TIP identifies capital transportation improvements including preservation, safety, non-motorized, capacity, and bridge projects. Project expenditures are programmed over the six-year period and balanced with projected revenues. The 2023-2028 TIP has been developed to ensure that the investments necessary to support the FLUM have been adequately funded. Consequently, the investment identified in the TIP for transportation projects is sufficient to meet the minimum LOS standard identified in the Transportation Element of the Snohomish County Comprehensive Plan for the next six years.

Public Works continues to assess and adapt to impacts from ongoing cost inflation at historically high levels. The costs for most goods and services that Public Works relies upon to perform its work have increased 15% to 20%. The growth in expenditures is outpacing revenue growth at levels that, if left unchanged, would hinder future program delivery. The long-term impacts of cost escalation remain uncertain and will be monitored for potential impacts to future TIPs.

Despite these financial challenges, Snohomish County continues to find ways to invest in a robust six-year TIP. This has been achieved by successfully securing and leveraging funds from transportation grants, transportation impact fees, and a stable County Road Levy. However, it is important to note that recent TIP submittals have been bolstered by using prior year Road Fund reserves, and future TIP development will become more difficult if new sources of revenue are not identified.

Public Works will continue to work actively and strategically to overcome future funding shortfalls and position the County to support the FLUM and maintain adequate LOS standards.

Adequacy of Regulatory Mechanisms

The County has adopted a transportation concurrency system through Snohomish County Code (SCC) Chapter 30.66B that monitors the LOS of the County's arterial road network and restricts development if the LOS on an arterial unit falls below the adopted LOS standard. This regulatory system supplements and assists the County's construction program in assuring that new development will be supported by adequate transportation facilities as defined by the County's adopted LOS standard.

The County's concurrency management system works as follows: when the Average Daily Trips (ADT) on an arterial unit reaches the thresholds identified in SCC 30.66B.101, the County measures the travel speed on the arterial unit; when the travel speed on an arterial unit is within 2 mph of the speed

representing a LOS below the adopted standard, the arterial unit is considered to be “At Risk”; when an arterial unit falls below the adopted LOS, or within six years is forecasted to fall below the adopted LOS, and there are no projects or strategies programmed and funded to raise the LOS within six years, that arterial unit is designated as an “Arterial Unit in Arrears.” No development can be approved that would add three or more peak hour trips to an Arterial Unit in Arrears until improvements adding additional capacity to raise the LOS to the adopted standard are either constructed or funded and programmed to be constructed within six years. Developments generating more than 50 peak-hour trips must also look at future conditions to evaluate whether they will cause an arterial unit to fall into arrears or impact an arterial unit expected to fall into arrears within six years.

An arterial unit may be determined by the County Council to be at “Ultimate Capacity” when the arterial has been improved to its maximum extent and further improvements would require unwarranted public expenditure or would have severe impacts to the environment or community. Ultimate Capacity provides for an alternative LOS and is a useful tool where increased urban densities consistent with the adopted Snohomish County Comprehensive Plan are desired to support regional population targets and planning efforts. Additional Transportation Demand Management (TDM) measures are required for developments impacting “Ultimate Capacity” arterial units to encourage the use of transit and help reduce the need for single-occupancy vehicles.

The County summarizes the monitoring of its arterial road network in an annual concurrency report. The most recent report, the 2021 Concurrency Report, addresses the LOS on county arterial units from January 1, 2021 to December 31, 2021. The 2021 Concurrency Report indicates the County had zero Arterial Units in Arrears, twelve arterial units At Risk of falling into arrears, and three arterial units designated as Ultimate Capacity. In July of 2022, the County Council designated the 35th Avenue SE corridor from SR 524 to Seattle Hill Rd to be Ultimate Capacity. The corridor is the boundary line for three Transportation Service Areas (TSA) and is therefore divided into five arterial units, bringing the total number of Ultimate Capacity arterial units to eight.

The 2021 report and reports for prior years can be found at the Public Works Traffic Mitigation and Concurrency Ordinance website.

Statement of Assessment

An update to the Snohomish County Comprehensive Plan was adopted in 2015, including a revised Transportation Element. This update included a new FLUM, revisions to the transportation LOS standard, and a new 20-year transportation forecast. The forecast was used to develop a new 20-year project list and funding strategy necessary to support the FLUM and maintain the adopted levels of service.

The projected level of progress over the next six-year period as proposed in the TIP is sufficient to ensure meeting the LOS standards required for transportation. Revenue projections will continue to be watched closely and, if necessary, strategic adjustments in expenditures in the capital and noncapital categories during the six-year period covered by this assessment will be made.

Construction and Programming of Major Road Improvements

The Transportation Element is based on an analysis of transportation deficiencies and future needs within unincorporated Snohomish County. Consistent with the GMA, it identifies 43 arterial improvements intended to support future land use and address potential deficiencies. Importantly, it provides a financial strategy to plan and guide the county in financing the recommended arterial improvement projects.

A forecast schedule for delivery of the projects contained in the TE is shown in Table 7.

Table 7. Completion of Transportation Element Projects

*Forecast for Delivery of 2015 TE Project List					
	2015	2020	2025	2030	2035
Projects Completed	0	2	8	13	20
Cumulative Completed	0	2	10	23	43
Cumulative Percent	0%	5%	23%	53%	100%

*The timing for implementation of major system improvements varies depending on how any given area develops and the resulting infrastructure needs relative to priorities throughout the county. Arterial improvements are prioritized and constructed within available funding. If additional funding strategies are realized, project completion may be accelerated.

Section 6.2- Level of Service

Part 6.2a – Surface Transportation Level of Service Report

The annual concurrency report summarizes the level of service (LOS) of Snohomish County's arterial road system and the strategies by the Department of Public Works to remedy LOS deficiencies.

Concurrency Management System

A review of Snohomish County's concurrency management system is available on the County's web site. The web site includes the current 2021 concurrency report, concurrency reports for prior years, and many other documents related to the County's traffic mitigation and concurrency regulations. The internet address is as follows: <http://snohomishcountywa.gov/888/Traffic-Mitigation-Concurrency>.

Arterial Unit Status Definitions

Arterial Units at Risk of Falling into Arrears

Arterial units (AU) that are close to being deficient (i.e., 1-2 mph above LOS F urban or LOS D rural) are at risk of falling into arrears. For arterial units meeting these criteria, Public Works monitors the units with travel time and delay studies conducted on an annual or biannual basis.

Arterial Units in Arrears (AUIA)

Snohomish County Code defines an Arterial Unit in Arrears (AUIA) as any arterial unit operating, or within six years forecast to operate, below the adopted LOS standard, unless a financial commitment (or strategies) is in place for improvements to remedy the deficiency within six years. The adopted LOS standard for the urban area is LOS E and in the rural area it is LOS C.

Arterial Units at Ultimate Capacity

SCC 30.66B.110(1) states, "When the county council determines that excessive expenditure of public funds is not warranted for the purpose of making further improvements on certain arterial units, the county council may designate, by motion, following a public hearing, such arterial unit as being at ultimate capacity."

The following arterial units are designated at "Ultimate Capacity":

1. Snohomish-Woodinville Road (AU# 211) – This urban arterial unit was designated at Ultimate Capacity in 1997.
2. 164th Street SW/SE east of Interstate 5 (AU# 218) – This urban arterial unit was designated at Ultimate Capacity in 2007.
3. 164th Street SW west of Interstate 5 (AU# 219) – This urban arterial unit was designated at Ultimate Capacity in 2007.
4. 35th Avenue SE corridor from SR 524 to Seattle Hill Rd (AU# 204, 207/336, 337/420) - This corridor consisting of five urban arterial units was designated at Ultimate Capacity in 2022.

Table 11. Summary of Arterial Units at Risk, in Arrears, and Designated as Ultimate Capacity

Status of Arterial Units	2020	2021
Arterial Units at Risk of Falling into Arrears	12	12
Arterial Units in Arrears	0	0
Arterial Units Designated as Ultimate Capacity*	3	3

*Table 11 summarizes the status of arterial units as contained in the most recent Annual Concurrence Report, which in 2021 included three AUs designated as Ultimate Capacity. As noted above, the County Council designated five 35th Ave SE arterial units as Ultimate Capacity in 2022. Those Ultimate Capacity arterials will be reflected in the 2022 annual report.

Table 12. Summary of Level of Service (LOS) Status

	2017	2017*	2018	2019	2020	2021	Percent of 2021 AUs to Total AUs
LOS above screening level**	236	236	236	235	235	229	85.4%
LOS below screening level	37	37	37	37	37	39	14.6%
Total number of arterial units	273	273	273	272	272	268	100%
Breakout of arterial units below screening level							
Monitoring level	15	4	11	15	15	20	7.5%
Operational Analysis level	22	35	26	22	22	19	7.1%
Arterial Units in Arrears	0	0	0	0	0	0	0%
Total below screening level	37	39	37	37	37	39	14.6%

*The reason there are two reports for 2017 is because in January 2018 DPW decided to change the April 1st to March 31st timeframe the report had been representing to now represent from January 1st to December 31st of each year.

**Arterial units above the screening level are those clearly passing the LOS test. Below the screening level, as congestion increases the level of analysis typically goes from monitoring to operational analysis which determines if the arterial units LOS does not meet standards.

Jennings, Henry

From: kklicker@3lwa.org
Sent: Wednesday, July 13, 2022 7:53 AM
To: Jennings, Henry
Subject: RE: CORRECTION - Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Henry,

No updates or edits from Three Lakes Water Association.

Thank you,

Kaila Klicker
Assistant Manager
Three Lakes Water Association
(425) 903-1655

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Tuesday, July 12, 2022 4:31 PM
To: JMcClellan@awwd.com; Boyd Benson <boyd.benson@bothellwa.gov>; abenton@marysvillewa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; tmckinsey@tulaliptribes-nsn.gov; mikesleslie@tulaliptribes-nsn.gov; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; nate.morgan@ci.sultan.wa.us; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; thompsons50@outlook.com; Dianne Allen <Dianne.Allen@darringtonwa.us>; R.norris@cityofgoldbar.us; Kklicker@3lwa.org; dkemmis@3lwa.org; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com; steve.tolzman@kingcounty.gov; office@rooseveltwater.com; highlandwater@frontier.com; jottow@monroewa.gov; mjohnson@crossvalleywater.net; ray@highlandwaterdistrict.com
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: CORRECTION - Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Good afternoon,

My apologies – the previous email went out with an incorrect date. Please please send your updates and edits by July 22nd so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Feel free to reach out with any questions or if you need assistance formulating your edits and/or updates.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

Canola, Eileen

From: Landgraff, Nickolis
Sent: Friday, June 24, 2022 4:47 PM
To: Rugg, William; Siddons, Matthew
Cc: Jennings, Henry; Canola, Eileen; Sandri, Lauren; Mass, Julie
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)
Attachments: Paine_Field_Airport_2023-2028.pdf; Paine_Field_Airport_2023-2028_Map2.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Will,

The attached versions are perfect as-is. You got it correct, A9 & A10 are almost on top of each other at the southern end of the runway.

I appreciate you taking the time to update this for me.

Thanks and hope you have a good weekend.

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Rugg, William <Will.Rugg@co.snohomish.wa.us>
Sent: Friday, June 24, 2022 4:29 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Sandri, Lauren <Lauren.Sandri@co.snohomish.wa.us>; Mass, Julie <Julie.Mass@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Everyone,

Please review and markup as needed the attached map products of the updates to the Airport section of the County's annual Capital Improvement Program (CIP). The '_KPAEdiagram.pdf' is an experimental map that helped me to locate taxiways A9 and A10. The path to the workspace is "[\\snoco\gis\plng\carto\CIP\2022](#)".

Have a good weekend,

-wr

Will Rugg | *GIS Analyst, Sr.*
[Snohomish County Planning and Development Services](#)

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Tuesday, June 21, 2022 5:18 PM
To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Rugg, William <Will.Rugg@co.snohomish.wa.us>
Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

Thank you for sending the map of Pain Field with the marked-up changed. I have set-up a meeting for us to discuss the changes with GIS.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Tuesday, June 21, 2022 3:21 PM
To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Henry,

Yes, can you please make the following updates to our CIP Map? See attached.

Thank you for your help!

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Tuesday, June 21, 2022 2:47 PM
To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hi Nickolis,

Just reaching out to check in and see if you had a marked up PDF version of your CIP program, and if you needed any assistance with maps.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Wednesday, June 1, 2022 12:32 PM
To: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Absolutely. We're still adjusting our CIP Program, so give me about two weeks and then I should know the exacts. I'll send back a marked up PDF version for final edits. I appreciate your help on the maps.

Thanks and be in touch ASAP.

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Tuesday, May 31, 2022 5:48 PM
To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

We can have our Planning GIS Analysis help with updating the maps. Are there particular items that need to be amended?

Thanks,
Matthew

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Tuesday, May 31, 2022 5:42 PM
To: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

The narrative still looks good, but we normally need some assistance with the map update portion. Would you be the person who could assist us with map updates?

Thanks,

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, May 27, 2022 4:10 PM
To: Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Airport portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

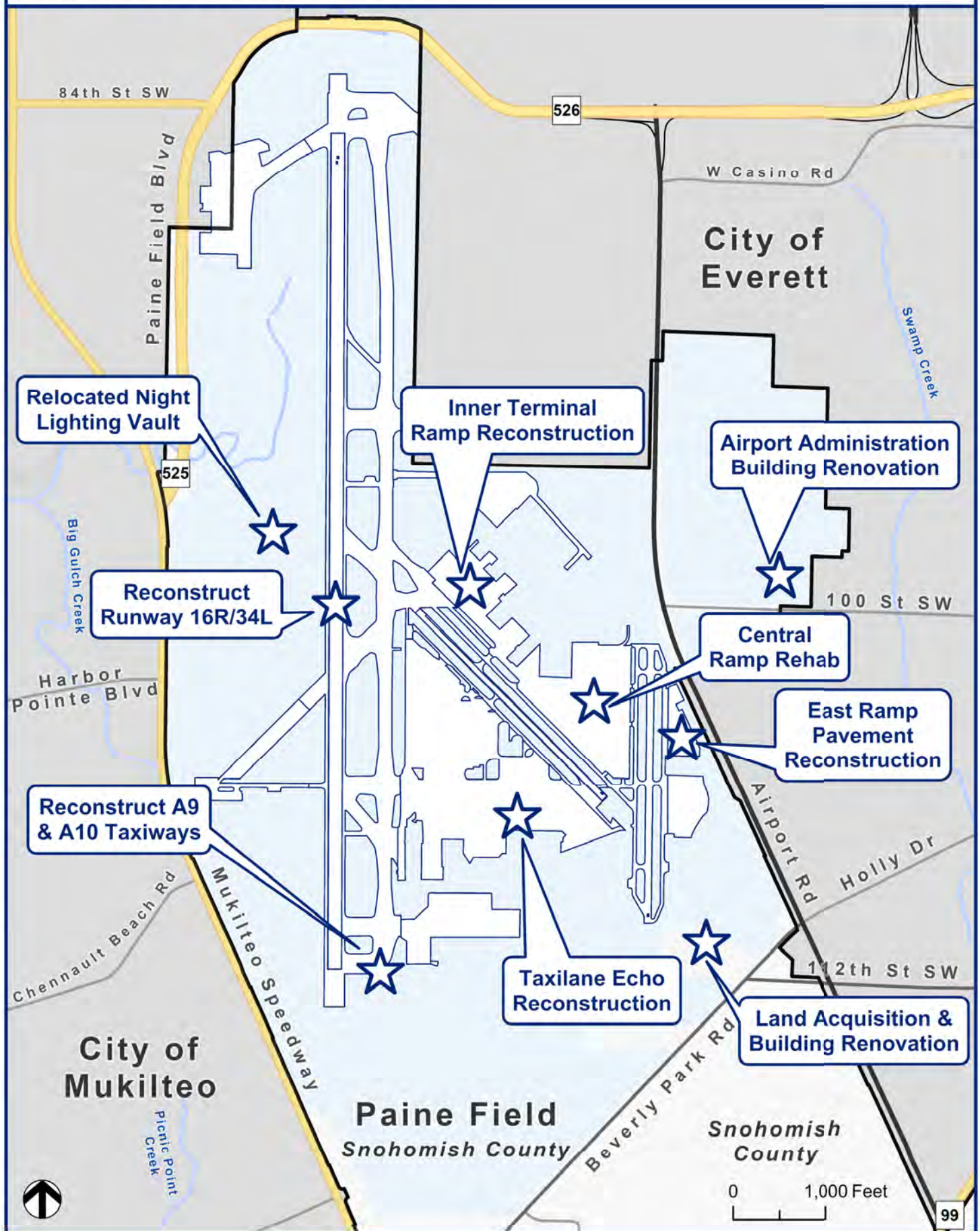
I am sending you links to the sections specific to the Airport- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
 [Airport](#)

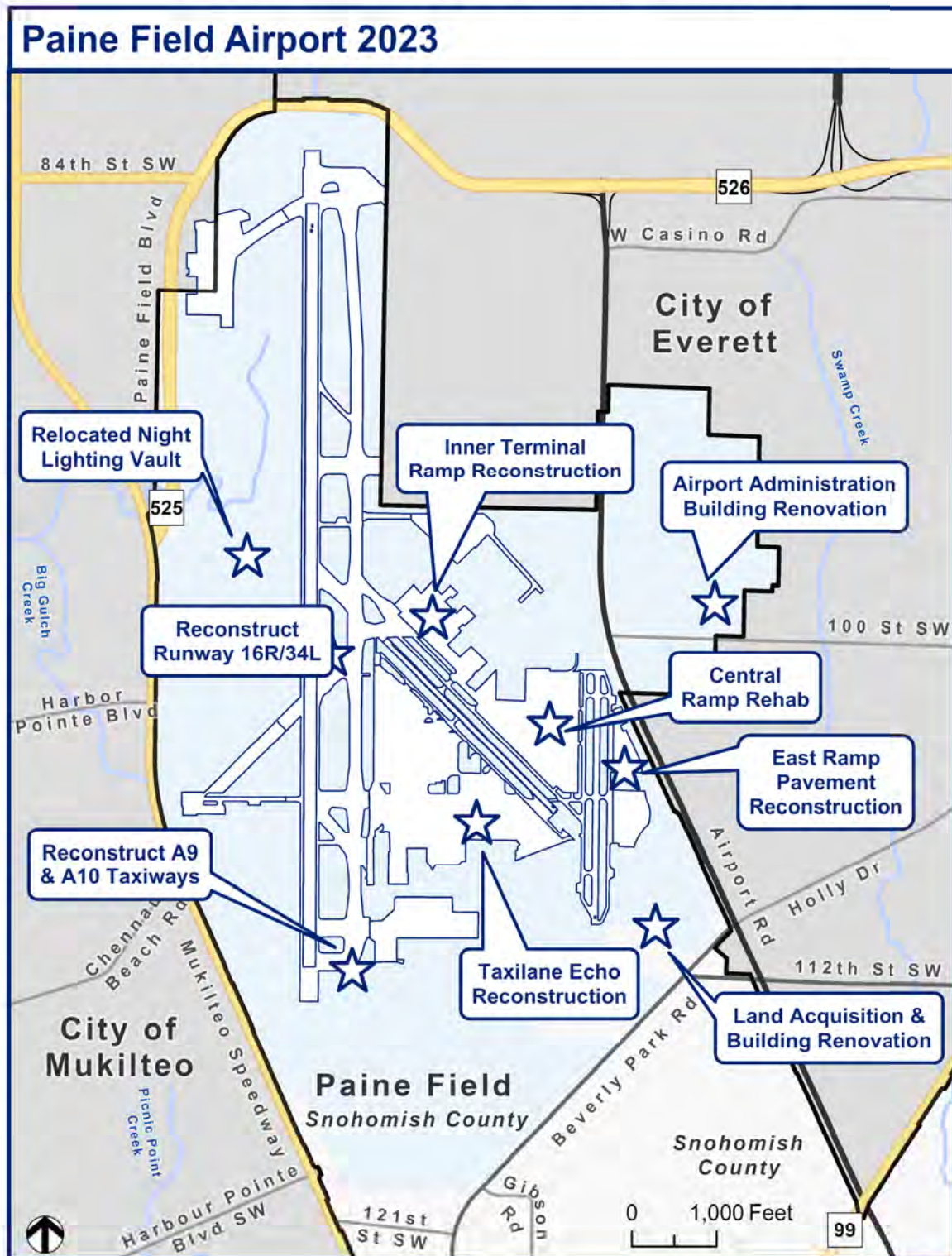
Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

Paine Field Airport 2023



Map 2: Airport Facilities (Paine Field) Projects(2023-2028)



Source: W:\plng\carto\CIP\2022\CIP.aprx

From: [Mike Wolanek](#)
To: [Canola, Eileen](#)
Cc: [Jennings, Henry](#); [James Kelly](#)
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section
Date: Wednesday, June 22, 2022 12:39:48 PM
Attachments: [image001.png](#)
[image002.png](#)
[SnoCo 2022 CIP Water-Wastewater-Sections COArev.docx](#)

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Hi Eileen, attached is the City of Arlington's review of the County's CIP--water/wastewater sections.

Apart from our revisions to our WSP and GSP dates in the appropriate tables, you should consider most other remarks to be deliberative. I made some of these remarks in last year's response to you, and we've talked about a number of these in North Snohomish WUCC meetings, so I don't think you'll find any surprises. You may have already taken some of these things into consideration while drafting the report.

Let me know if you have questions. I'd be happy to discuss any of these remarks over the phone.

Take care! Talk with you at NSWUCC in August for sure (if not before).

Mike

Mike Wolanek

Water Resources Planner

City of Arlington Public Works

154 W Cox Ave, Arlington WA 98223

O: 360.403.3541 **C:** 360-913-7103

mwolanek@arlingtonwa.gov | www.arlingtonwa.gov

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Wednesday, May 25, 2022 4:37 PM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; Mike Wolanek <mwolanek@arlingtonwa.gov>; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; cityplanner@ci.brier.wa.us; jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; lrubstello@ci.lynnwood.wa.us; jbond <jbond@lynnwoodwa.gov>; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlände@monroewa.gov; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert

<Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>; RickM@mukilteowwd.org; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rqgilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikesleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com

Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

This message is from an External Sender

This message came from outside the City of Arlington

Hello all,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections for water (highlighted sections in blue) and wastewater (highlighted sections in green).

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: Jennings, Henry
Sent: Thursday, June 23, 2022 3:18 PM
To: 'Cameron Ogard'
Cc: Boyd Benson; Janet Geer
Subject: RE: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Great, thank you Cameron! If there are any further comments when Boyd returns, please send them my way and we will make the requisite changes.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Cameron Ogard <cameron.ogard@bothellwa.gov>
Sent: Thursday, June 23, 2022 3:06 PM
To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Cc: Boyd Benson <boyd.benson@bothellwa.gov>; Janet Geer <Janet.Geer@bothellwa.gov>
Subject: Re: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Hi Henry,

I have reviewed SnoCo's CIP online and the only update I could see is that Bothell's Water System Plan will complete in 2022 now. Your current CIP says "in progress for 2021".

Thanks,
Cameron Ogard

Associate Engineer

City of Bothell

O: (425) 806-6787

C: (425) 419-6901

18415 101st Ave NE

Bothell, WA 98011

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Thursday, June 23, 2022 3:04 PM
To: Janet Geer <Janet.Geer@bothellwa.gov>
Cc: Boyd Benson <boyd.benson@bothellwa.gov>; Cameron Ogard <cameron.ogard@bothellwa.gov>
Subject: RE: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Hi Janet,

I'll tentatively mark you down as no comment, and once Boyd returns if he has a chance to look at it please let me know and we can make changes.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Janet Geer <Janet.Geer@bothellwa.gov>
Sent: Thursday, June 23, 2022 2:53 PM
To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Cc: Boyd Benson <boyd.benson@bothellwa.gov>; Cameron Ogard <cameron.ogard@bothellwa.gov>
Subject: Re: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Hello,

We reviewed in Boyd's absence and didn't see any updates to provide. Boyd will be back in the office on June 28, so he might have some comments if you are able to extend the deadline.

Thank you,

Janet

Janet Geer
Supervising Surface Water Engineer

City of Bothell-Public Works
18415 101st Ave NE, Bothell, WA 98011
Cell: 425-471-1620 Work: 425-806-6796

We can help you conduct business over the phone, email, or online Monday-Friday. City Hall is also open to the public Tuesday-Thursday each week.

From: Eddie Low <Eddie.Low@bothellwa.gov>
Sent: Wednesday, June 22, 2022 10:32 AM
To: Janet Geer <Janet.Geer@bothellwa.gov>
Cc: Boyd Benson <boyd.benson@bothellwa.gov>
Subject: Fw: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Hi Janet,

Can you work with Cameron on any annual CIP for water and sanitary sewer updates needed for the Snohomish County ACP? This only relates to Snohomish County side of Bothell. Boyd has been previously updating these and not sure if Cameron is involved. Anyway, if this is not possible, feel free to let County know we will submit after Boyd is back on June 28th (I am sure County will be fine if we give them advance notice that we will need a few more days after June 27th).

Thanks,
Eddie

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Wednesday, June 22, 2022 10:15 AM
To: JMcClellan@awwd.com <JMcClellan@awwd.com>; ajohannes@awwd.com <ajohannes@awwd.com>; prichart@awwd.com <prichart@awwd.com>; ssmith@awwd.com <ssmith@awwd.com>; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov <frapelyea@arlingtonwa.gov>; mwolane@arlingtonwa.gov <mwolane@arlingtonwa.gov>; Eddie Low <Eddie.Low@bothellwa.gov>; Boyd Benson <boyd.benson@bothellwa.gov>; jim.waite@edmondswa.gov <jim.waite@edmondswa.gov>; mike.delilla@edmondswa.gov <mike.delilla@edmondswa.gov>; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us <snasr@ci.everett.wa.us>; R.norris@cityofgoldbar.us <R.norris@cityofgoldbar.us>; Brent.Kirk@ci.granite-falls.wa.us <Brent.Kirk@ci.granite-falls.wa.us>; jbond@lynnwoodwa.gov <jbond@lynnwoodwa.gov>; abenton@marysvillewa.gov <abenton@marysvillewa.gov>; jottow@monroewa.gov <jottow@monroewa.gov>; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov <jlande@monroewa.gov>; Jcowling@ci.mlt.wa.us <Jcowling@ci.mlt.wa.us>; SHjert@ci.mlt.wa.us <SHjert@ci.mlt.wa.us>; ray@ci.snohomish.wa.us <ray@ci.snohomish.wa.us>; schuller@ci.snohomish.wa.us <schuller@ci.snohomish.wa.us>; selin@ci.snohomish.wa.us <selin@ci.snohomish.wa.us>; jackson@snohomishwa.gov <jackson@snohomishwa.gov>; sics@snohomishwa.gov <sics@snohomishwa.gov>; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us <nate.morgan@ci.sultan.wa.us>; mjohnson@crossvalleywater.net <mjohnson@crossvalleywater.net>;

highlandwater@frontier.com <highlandwater@frontier.com>; ray@highlandwaterdistrict.com <ray@highlandwaterdistrict.com>; sharman.herrin@kingcounty.gov <sharman.herrin@kingcounty.gov>; steve.tolzman@kingcounty.gov <steve.tolzman@kingcounty.gov>; kellyw@wwsvc.com <kellyw@wwsvc.com>; daveb@ovwater.com <daveb@ovwater.com>; office@rooseveltwater.com <office@rooseveltwater.com>; manager@7lakeswater.com <manager@7lakeswater.com>; thompsons50@outlook.com <thompsons50@outlook.com>; rgilmore@slwsd.com <rgilmore@slwsd.com>; cbrees@slwsd.com <cbrees@slwsd.com>; swd@startupwaterdistrict.com <swd@startupwaterdistrict.com>; dkemmis@3lwa.org <dkemmis@3lwa.org>; Kklicker@3lwa.org <Kklicker@3lwa.org>; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com <darrcityhall@frontier.com>; k.peterson@cityofindex.org <k.peterson@cityofindex.org>; tmckinsey@tulaliptribes-nsn.gov <tmckinsey@tulaliptribes-nsn.gov>; gtaylor@tulaliptribes-nsn.gov <gtaylor@tulaliptribes-nsn.gov>; mikeleslie@tulaliptribes-nsn.gov <mikeleslie@tulaliptribes-nsn.gov>; cliffjones@tulaliptribes-nsn.gov <cliffjones@tulaliptribes-nsn.gov>; mmflury@snopud.com <mmflury@snopud.com>; ksheneghan@snopud.com <ksheneghan@snopud.com>; bagehrke@snopud.com <bagehrke@snopud.com>; bewood@snopud.com <bewood@snopud.com>
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: [EXTERNAL] RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Stop! Look! Think before you click! This message originated from outside the City of Bothell network. Use caution when clicking links or opening attachments.

Good morning,

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Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Wednesday, May 25, 2022 4:37 PM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolane@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; cityplanner@ci.brier.wa.us;

jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; lrbustello@ci.lynnwood.wa.us; jbond@lynnwoodwa.gov; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>; RickM@mukilteowwd.org; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rggilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Hello all,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

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Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

Please note: Email exchanges may be public records and subject to disclosure.

From: Jennings, Henry
Sent: Tuesday, July 12, 2022 4:31 PM
To: JMcClellan@awwd.com; Boyd Benson; abenton@marysvillewa.gov; Kevin J. Hushagen; tmckinsey@tulaliptribes-nsn.gov; mikesleslie@tulaliptribes-nsn.gov; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; nate.morgan@ci.sultan.wa.us; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; thompsons50@outlook.com; Dianne Allen; R.norris@cityofgoldbar.us; Kklicker@3lwa.org; dkemmis@3lwa.org; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com; steve.tolzman@kingcounty.gov; office@rooseveltwater.com; highlandwater@frontier.com; jottow@monroewa.gov; mjohnson@crossvalleywater.net; ray@highlandwaterdistrict.com
Cc: Canola, Eileen
Subject: CORRECTION - Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Good afternoon,

My apologies – the previous email went out with an incorrect date. Please please send your updates and edits by July 22nd so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Feel free to reach out with any questions or if you need assistance formulating your edits and/or updates.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

Jennings, Henry

From: DeLilla, Mike <Mike.DeLilla@edmondswa.gov>
Sent: Wednesday, June 22, 2022 1:13 PM
To: Jennings, Henry
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Henry,

We have no edits or comments.

Thanks,

Mike

Michele (Mike) F. De Lilla, P.E., LEED AP

Senior Utilities Engineer

Engineering Division | City of Edmonds

121 5th Ave N. | Edmonds, WA 98020

425-771-0220 x 1320 | Fax: 425-672-5750

mike.delilla@edmondswa.gov

The Development Services Permit Center is open M-F 8:00am to 4:30pm for Telephone and Digital/Remote access.

In-Person walk-in service is currently available M-F 10:00am to 2:00pm; appointments are encouraged.

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Sent: Wednesday, June 22, 2022 10:16 AM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolanek@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; Kuhnhausen, Kris <Kris.Kuhnhausen@edmondswa.gov>; DeLilla, Mike <Mike.DeLilla@edmondswa.gov>; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; jbond <jbond@lynnwoodwa.gov>; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rqgilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Good morning,

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Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Wednesday, May 25, 2022 4:37 PM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolane@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; cityplanner@ci.brier.wa.us; jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; lrbustello@ci.lynnwood.wa.us; jbond@lynnwoodwa.gov; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>; RickM@mukilteowwd.org; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rqgilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com

Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Hello all,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in

CIP 2023-28; Index # 1-0041-01
time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections for water (highlighted sections in blue) and wastewater (highlighted sections in green).

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

Canola, Eileen

From: Rugg, William
Sent: Monday, June 27, 2022 9:30 AM
To: Landgraff, Nickolis; Siddons, Matthew
Cc: Canola, Eileen; Jennings, Henry
Subject: ORE: Updating Airport section of County's annual Capital Improvement Program (CIP)
Attachments: Paine_Field_Airport_2023-2028.pdf; Paine_Field_Airport_2023-2028_Map2.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Nickolis,

No worries, here are the updates with the 'AA Hotspot Correction & Runway 16R/34L Guard Light Installation':

<\\snoco\gis\plng\carto\CIP\2022\CIP.aprx>
\\snoco\gis\plng\carto\CIP\2022\Paine_Field_Airport_2023-2028.pdf
\\snoco\gis\plng\carto\CIP\2022\Paine_Field_Airport_2023-2028_Map2.pdf

Cheers,

-wr

Will Rugg | GIS Analyst, Sr.
Snohomish County Planning and Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2185 | will.rugg@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Friday, June 24, 2022 5:12 PM
To: Rugg, William <Will.Rugg@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

William,

I spoke to soon. We have one more project addition that's noteworthy to put on the map. It's titled "AA Hotspot Correction & Runway 16R/34L Guard Light Installation". Please see the attached map marked up with it's location.

Thanks!

Nickolis A. Landgraff | Airport Business Manager
Snohomish County Airport | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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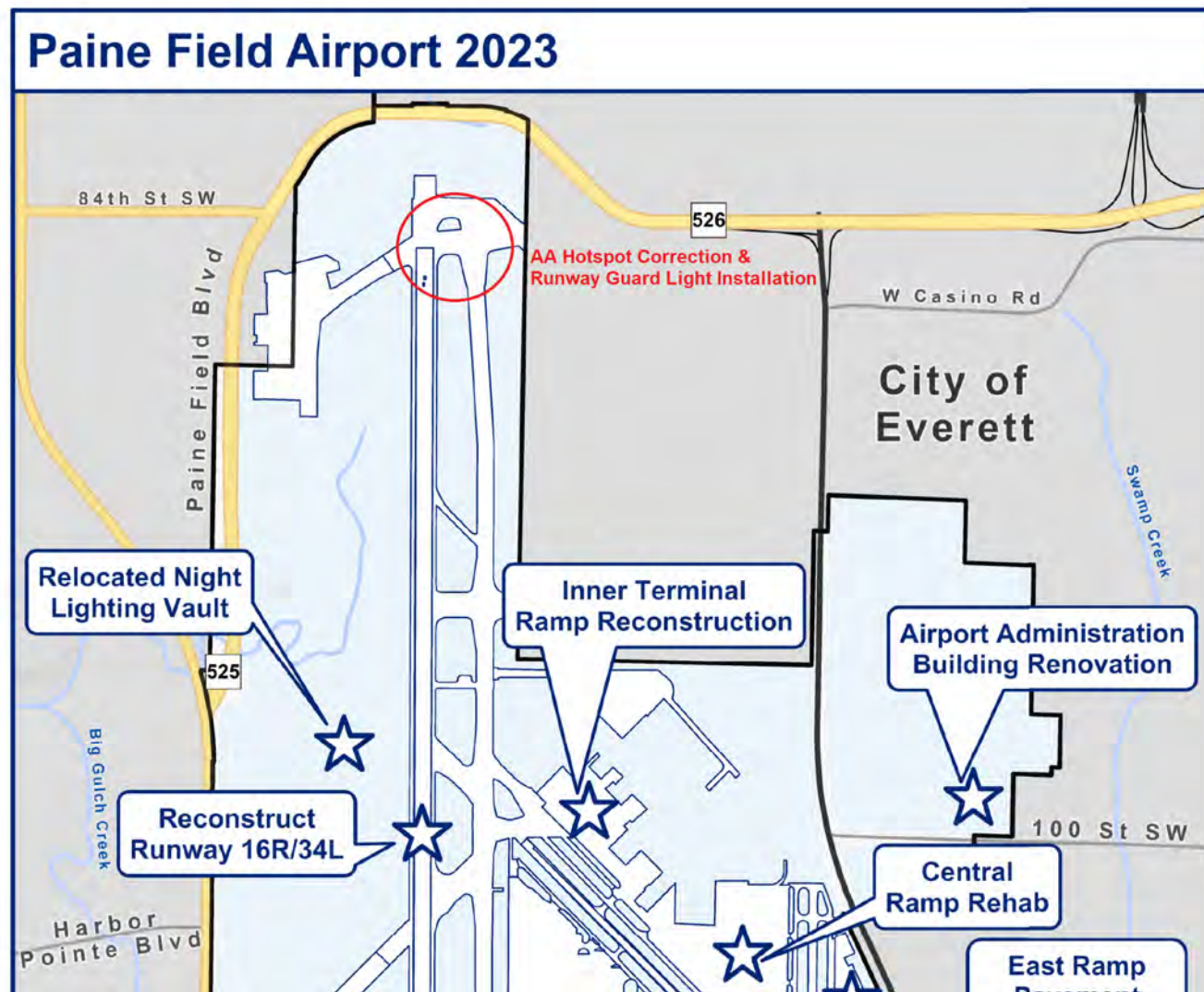
From: Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 5:01 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Sorry it took so long to get back on this. The only other airside project I can think of any consequence is the AA Hotspot correction & RW guard lights installation:



It's about \$650k so I don't know if that makes the threshold cutoff of projects to go on the graphic. But it is a safety improvement project, which always presents well, and helps break up the monotony of all the paving jobs. Let me know if you want to include it/need more info.

Kevin Latschaw, P.E. | *Airport Engineering Manager*

[Paine Field](#) | [Snohomish County Airport](#)

10108 32nd Avenue West, Suite G | Everett, WA 98204

Office (425) 388-5122 | Cell (425) 551-8169

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From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 4:50 PM

To: McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>

Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Kevin & Pete- Please do a final once over of the CIP maps that go into the County's CIP Program Book. We only added A9 & A10, but if I missed anything let me know; however, I highly doubt I missed anything this late stage in the budget game.

Budget closes next week Wednesday and Thursday if we had an emergency. Anything you want to change then now is the time to mention it or forever hold your peace (till next year).

Thanks

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Landgraff, Nickolis

Sent: Friday, June 24, 2022 4:47 PM

To: Rugg, William <Will.Rugg@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>;

Sandri, Lauren <Lauren.Sandri@co.snohomish.wa.us>; Mass, Julie <Julie.Mass@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Will,

The attached versions are perfect as-is. You got it correct, A9 & A10 are almost on top of each other at the southern end of the runway.

I appreciate you taking the time to update this for me.

Thanks and hope you have a good weekend.

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Rugg, William <Will.Rugg@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 4:29 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Landgraff, Nickolis

<Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>;

Sandri, Lauren <Lauren.Sandri@co.snohomish.wa.us>; Mass, Julie <Julie.Mass@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Please review and markup as needed the attached map products of the updates to the Airport section of the County's annual Capital Improvement Program (CIP). The '_KPAEdiagram.pdf' is an experimental map that helped me to locate taxiways A9 and A10. The path to the workspace is "[\\snoco\gis\plng\carto\CIP\2022](#)".

Have a good weekend,

-wr

Will Rugg | GIS Analyst, Sr.

Snohomish County Planning and Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2185 | will.rugg@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 5:18 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Rugg, William <Will.Rugg@co.snohomish.wa.us>

Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

Thank you for sending the map of Pain Field with the marked-up changed. I have set-up a meeting for us to discuss the changes with GIS.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner

Snohomish County Planning and Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 3:21 PM

To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Henry,

Yes, can you please make the following updates to our CIP Map? See attached.

Thank you for your help!

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 2:47 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hi Nickolis,

Just reaching out to check in and see if you had a marked up PDF version of your CIP program, and if you needed any assistance with maps.

Thanks,

Henry Jennings | *Planner – Long Range Planning*

Snohomish County Planning & Development Services

3000 Rockefeller Ave., M/S 604 | Everett, WA 98201

425-262-2179 | Henry.Jennings@snoco.org

he/him

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Wednesday, June 1, 2022 12:32 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Absolutely. We're still adjusting our CIP Program, so give me about two weeks and then I should know the exacts. I'll send back a marked up PDF version for final edits. I appreciate your help on the maps.

Thanks and be in touch ASAP.

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 5:48 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

We can have our Planning GIS Analysis help with updating the maps. Are there particular items that need to be amended?

Thanks,
Matthew

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Tuesday, May 31, 2022 5:42 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Matt,

The narrative still looks good, but we normally need some assistance with the map update portion. Would you be the person who could assist us with map updates?

Thanks,

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, May 27, 2022 4:10 PM
To: Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Airport portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to the Airport- please review and update as necessary.

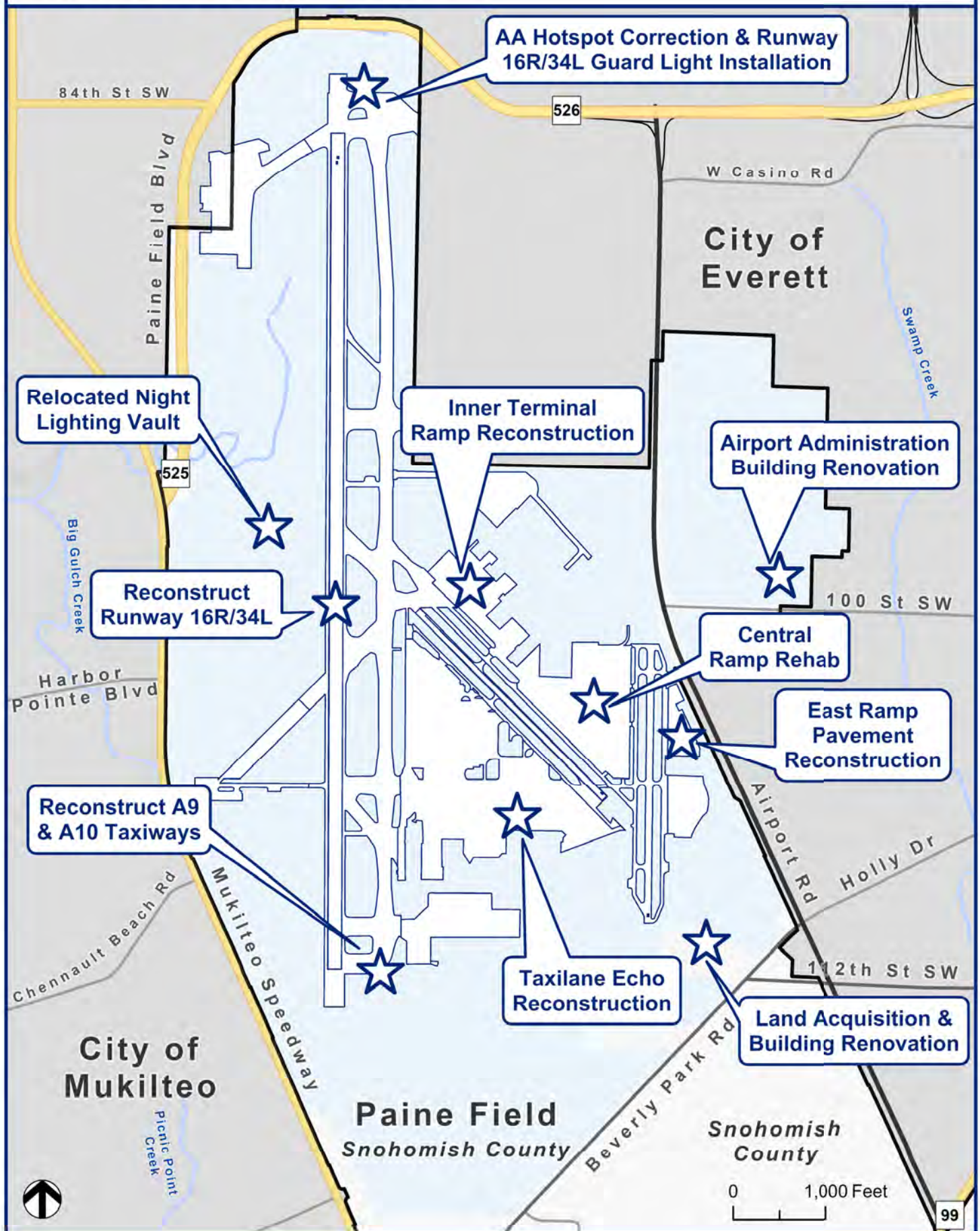
 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
 [Airport](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

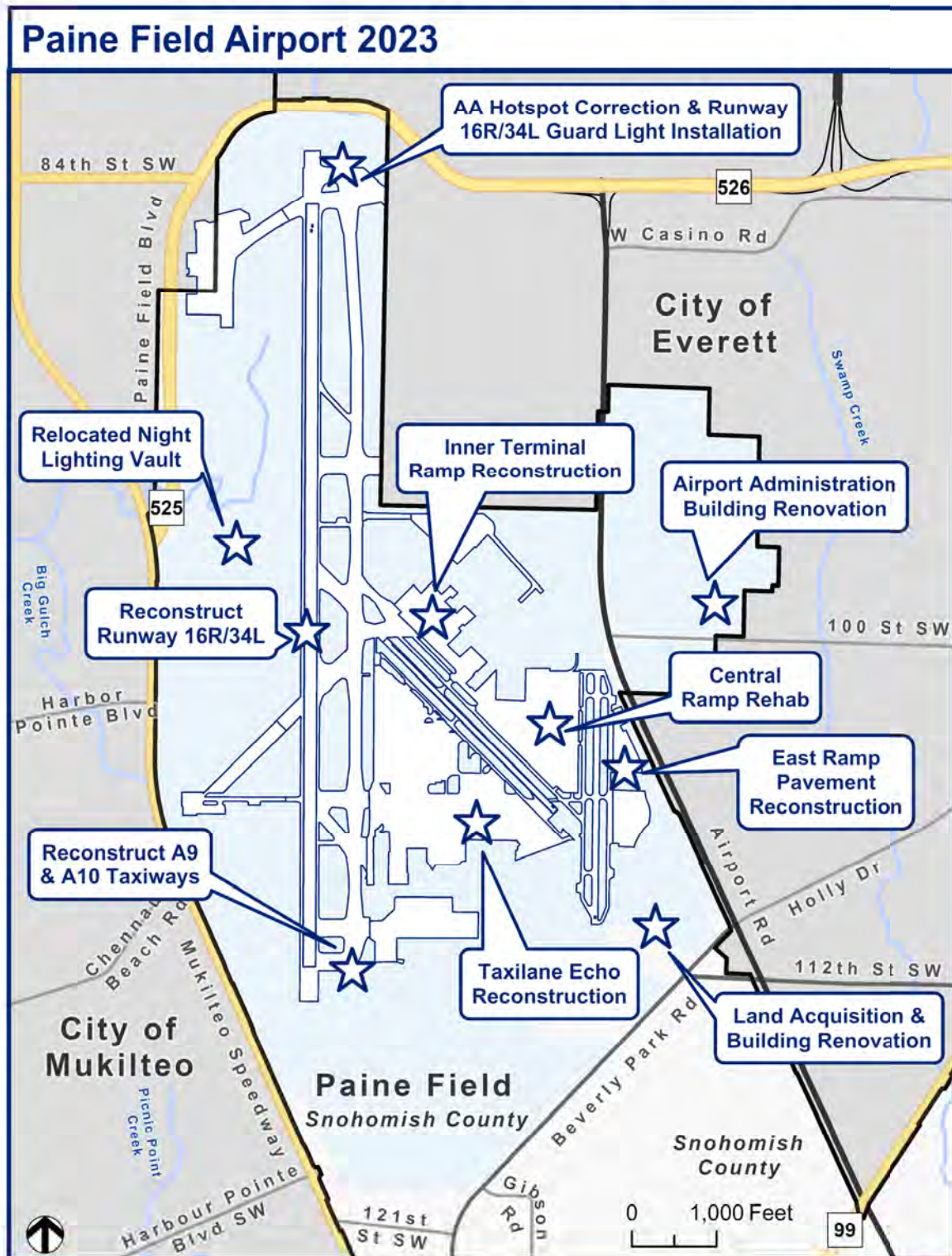
Matthew Siddons, AICP, MCIP-I | Senior Planner

CIP 2023-28: Index # 1-0042.pdf
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

Paine Field Airport 2023



Map 2: Airport Facilities (Paine Field) Projects(2023-2028)



Source: W:\plng\carto\CIP\2022\CIP.aprx

From: Low, Mariah
Sent: Wednesday, July 13, 2022 5:24 PM
To: Jennings, Henry; Dix, Johnathan
Subject: RE: Annual CIP
Attachments: General Sewer-Wastewater Facility Plan - Moratoria.pdf

Hi Henry,
Feel free to give Johnathan a call in the morning if you'd like to discuss. Attached is an excerpt from our latest draft comp plan. None of these moratoria have been lifted by resolution at this point.
Mariah

Mariah Low
General Manager



NOTICE: All emails and attachments sent to and from the Lake Stevens Sewer District are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56).

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Wednesday, July 13, 2022 3:37 PM
To: Low, Mariah <Mariah.Low@lkssd.org>; Dix, Johnathan <Johnathan.Dix@lkssd.org>
Subject: Annual CIP

Good afternoon,

I am in the process of updating the briefing for the annual CIP that will be presented to Council, and wanted to verify a piece of information. Our information states that there are three moratoria basins in the Lake Stevens Wastewater system. Is this accurate? Feel free to call if you'd like to discuss this.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: [Low, Mariah](#)
To: [Canola, Eileen](#)
Cc: [Siddons, Matthew](#); [Jennings, Henry](#); [Dix, Johnathan](#)
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section
Date: Friday, June 17, 2022 3:05:28 PM
Attachments: [image001.png](#)

Hi Eileen,

A few comments for you. On Table 9, Lake Stevens Sewer District's next plan update will be submitted later this year. In the updated plan, we do not anticipate reaching the 85% capacity threshold until after 2041 based on less than anticipated growth density and a lack of remaining buildable lands in the service area (2nd paragraph on p. 91). Your last two paragraphs (p.91-92) are spot on.

Thanks,
Mariah

Mariah Low
General Manager
Lake Stevens Sewer District
1106 Vernon Rd, Suite A
Lake Stevens, WA 98258
(425) 334-8588 office
(360) 322-9149 cell
www.lkstevenssewer.org



NOTICE: All emails and attachments sent to and from the Lake Stevens Sewer District are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56).

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Wednesday, May 25, 2022 4:37 PM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolanek@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; cityplanner@ci.brier.wa.us; jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; lrubstello@ci.lynnwood.wa.us; jbond <jbond@lynnwoodwa.gov>; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>; RickM@mukilteowwd.org; kellyw@wwsvc.com;

daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com;
thompsons50@outlook.com; rgilmore@slwsd.com; cbrees@slwsd.com;
swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen
<Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org;
tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikesleslie@tulaliptribes-nsn.gov;
cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; kshenaghan@snopud.com;
bagehrke@snopud.com; bewood@snopud.com

Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry
<Henry.Jennings@co.snohomish.wa.us>

Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise
water / wastewater section

Hello all,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections for water (highlighted sections in blue) and wastewater (highlighted sections in green).

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: Jennings, Henry
Sent: Wednesday, June 22, 2022 12:31 PM
To: Jared Bond
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Thank you Jared! I will note you down as response received, no comments and remove you from future reminder mailing lists.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Jared Bond <JBond@lynnwoodwa.gov>
Sent: Wednesday, June 22, 2022 12:04 PM
To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Hi Henry,

We are in the process of updating both of our water and wastewater comprehensive plans. They should be complete early next year. Until then, there's nothing new to report from Lynnwood.

Take care!

Stay healthy,

Jared S. Bond
Public Works Manager – Operations and Maintenance
Ph: 425-670-5207

**NOTICE: All emails, and attachments, sent to and from the City of Lynnwood are public records and may be subject to disclosure pursuant to the Public Records Act ([RCW 42.56](#)).*

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Wednesday, June 22, 2022 10:16 AM
To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolane@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us; Jared Bond <JBond@lynnwoodwa.gov>; abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>;

jlande@monroewa.gov; jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rkgilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. This email is a reminder to please send your updates and edits by June 27th so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Wednesday, May 25, 2022 4:37 PM

To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com; ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>; frapelyea@arlingtonwa.gov; mwolane@arlingtonwa.gov; eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov; cityplanner@ci.brier.wa.us; jim.waite@edmondswa.gov; mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>; snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us; Brent.Kirk@ci.granite-falls.wa.us;

lrbustello@ci.lynnwood.wa.us; [jbond <jbond@lynnwoodwa.gov>](mailto:jbond@lynnwoodwa.gov); abenton@marysvillewa.gov; jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>; jlande@monroewa.gov; jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; selin@ci.snohomish.wa.us; jackson@snohomishwa.gov; sics@snohomishwa.gov; Kevin J. Hushagen <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us; mjohnson@crossvalleywater.net; highlandwater@frontier.com; ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov; steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>; RickM@mukilteowwd.org; kellyw@wwsvc.com; daveb@ovwater.com; office@rooseveltwater.com; manager@7lakeswater.com; thompsons50@outlook.com; rkgilmore@slwsd.com; cbrees@slwsd.com; swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org; Dianne Allen <Dianne.Allen@darringtonwa.us>; darrcityhall@frontier.com; k.peterson@cityofindex.org; tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov; mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Hello all,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections for water (highlighted sections in blue) and wastewater (highlighted sections in green).

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

Jennings, Henry

From: Robinson, Patrick <Patrick.Robinson@pse.com>
Sent: Thursday, July 7, 2022 3:40 PM
To: Jennings, Henry
Cc: Siddons, Matthew; Canola, Eileen
Subject: RE: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Thanks for the phone call to discuss the CIP the other day Henry. PSE has no comments or edits to the Electric Power portion of the CIP that was sent over.

Patrick Robinson

Municipal Liaison Manager
Municipal Relations North
PUGET SOUND ENERGY
425-424-7498 | (89-7498)
19900 N. Creek Parkway, Bldg G,
Bothell, WA 98011

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Wednesday, June 22, 2022 10:01 AM
To: Robinson, Patrick <Patrick.Robinson@pse.com>
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

CAUTION - EXTERNAL EMAIL

Phishing? Click the PhishAlarm "**Report Phish**" button.

Good morning,

Just checking in to see if PSE needs any assistance with their comments on the electric power portion of the CIP. Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency. Please let me know if you have any questions.

Thanks,

Henry Jennings | Planner – Long Range Planning

Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Sent: Wednesday, May 25, 2022 4:46 PM
To: RCPeterson@SNOPUD.com; BJWhite@SNOPUD.com; Patrick.robinson@pse.com
Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Subject: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Electric Power portion. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections specific to Electric Power – please review and update as necessary.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

Canola, Eileen

From: Siddons, Matthew
Sent: Friday, July 15, 2022 11:27 AM
To: Ohlfs, Carol; Swan, Sharon; Teigen, Tom
Cc: Canola, Eileen; Jennings, Henry
Subject: RE: Updating Parks section of County's annual Capital Improvement Program (CIP)

Hello Carol,

I am following-up on the Capital Improvement Program (CIP) update. Please review and provide any edits from Parks to the word document and PowerPoint slides in the attached folder. If you can send your edits before **August 5, 2022**, it would be appreciated. We are currently compiling the responses from internal departments.

The presentation to the Planning Commission is scheduled for August 23rd. As in previous years, we hope to have Parks staff on hand to present their slides.

[DCNR-Parks - OneDrive \(sharepoint.com\)](#)

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew
Sent: Tuesday, June 28, 2022 10:56 AM
To: Ohlfs, Carol <Carol.Ohlfs@co.snohomish.wa.us>; Swan, Sharon <sharon.swan@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: FW: Updating Parks section of County's annual Capital Improvement Program (CIP)

Hello,

This email is a reminder regarding the Capital Improvement Program (CIP) updates. We are asking that edits be submitted by **August 5, 2022**. It would be greatly appreciated if you can submit your edits before that date. We will need to integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for Parks. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew

Sent: Friday, May 27, 2022 4:09 PM

To: Ohlfs, Carol <Carol.Ohlfs@co.snohomish.wa.us>; Swan, Sharon <sharon.swan@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: Updating Parks section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Parks portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to Parks- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)

 [DCNR-Parks](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner

[Snohomish County Planning and Development Services](#)

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: [Canola, Eileen](#)
To: [Ojala, Matthew](#); [Crump, Kit \(Donald\)](#); [Lucas, Amy](#); [Ohlfs, Carol](#); [Landgraff, Nickolis](#); [Greninger, Jon](#)
Cc: [Salmon, Dara](#); [Snyder, Kelly](#); [Teigen, Tom](#); [Ghouse, Arif](#); [McGuire, Pete](#); [Moore, Megan](#); [Killingstad, David](#); [McCormick, Douglas](#); [Schonhard, David](#); [Dickson, Stephen \(spwspd@co.snohomish.wa.us\)](#); [McGuire, Pete](#); [Mock, Debbi](#); [Scheil, Cynthia](#); [Jennings, Henry](#)
Subject: RE: CIP Briefing to Planning Commission - August 23 - Please confirm presenters
Date: Tuesday, August 16, 2022 3:06:00 PM
Attachments: [PPT-CIP-8-15-22 presentation.pptx](#)

Hello CIP-ers!

Attached is the PowerPoint presentation for the August 23rd briefing to the Planning Commission. Please give it one final review and if you have any edits, let me know.

The agenda for the Planning Commission meeting should be posted soon:

<https://snohomishcountywa.gov/AgendaCenter/Search/?term=&CIDs=1,&startDate=&endDate=&dateRange=&dateSelector=>

This will be a Zoom meeting- When you join, you will only be watching the meeting as an "attendee" but your role will be changed from an "attendee" to a "presenter" when it's time for your presentation.

Thank you, and if you have any questions, please let me know!

Regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: Canola, Eileen
Sent: Thursday, August 4, 2022 2:58 PM
To: Robb, Darren <Darren.Robb@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>; Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Ohlfs, Carol <Carol.Ohlfs@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Greninger, Jon <Jon.Greninger@co.snohomish.wa.us>
Cc: Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Snyder, Kelly <Kelly.Snyder@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>; Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Moore, Megan <Megan.Moore@co.snohomish.wa.us>; Killingstad, David

<david.killingstad@snoco.org>; McCormick, Douglas <DMcCormick@co.snohomish.wa.us>

Subject: CIP Briefing to Planning Commission - August 23 - Please confirm presenters

Hello all,

The CIP briefing to the Planning Commission is on the horizon (August 23)! Please review the table below and the attached DRAFT PPT to ensure we have the correct presenter and information on the slide(s). Please let me know if there are any updates to who is presenting, and send me your updated slides by **August 9th** so we can send them to the Commission in advance of the meeting. There are 3 new Commissioners, so there is a chance you may get more questions than in past years. This is the only big item on the agenda, so no need to rush your presentation. We have not set time limits for each presenter – we usually have plenty of time for each presentation.

Here is more information:

- **Date:** August 23, 2022
- **Time:** meeting begins at 5:30pm
- **Agenda link – will be posted soon:**
<https://snohomishcountywa.gov/AgendaCenter/Search/?term=&CIDs=1,&startDate=&endDate=&dateRange=&dateSelector=>
- **Virtual meeting:** Zoom meeting. When you join, you will only be watching the meeting as an “attendee” but your role will be changed from an "attendee" to a "presenter" when it's time for your presentation.
- **Your presentation:** For efficiency, it might be helpful to have the slides to be advanced by Megan Moore or me, so we are not switching screens.

Presenters	Department /topic	Status of Your PPT slides
Eileen Canola	PDS	In process of finalizing
Debbi Mock	Finance	In process of finalizing
Nickolis Landgraff,	Airport	Complete
Jim Blankenbeckler	SWM – DCNR	Complete
Matthew Ojala	TES - DPW	In process of finalizing
Joh Greninger	Solid Waste - DPW	Complete
Carol Ohlfs	Parks and Recreation - DCNR	Complete
Amy Lucas	DEM	In process of finalizing – Hazard Mitigation Plan (HMP)
Eileen Canola	Non-County services	In process of finalizing

Thank you very much!

Eileen

Eileen Canola, CSBA | Senior Planner

CIP 2023-28: Index # 1.0050.pdf

Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

DRAFT 2023-2028 CAPITAL IMPROVEMENT PROGRAM (CIP)

Snohomish County
Planning Commission Briefing
August 23, 2022

Presented by Snohomish County Departments,
Department of Planning & Development Services
Finance Department

Agenda

- CIP Overview
- Summary of Financial Information
- Statement of Assessment (SOA)
- Next Steps
- Questions

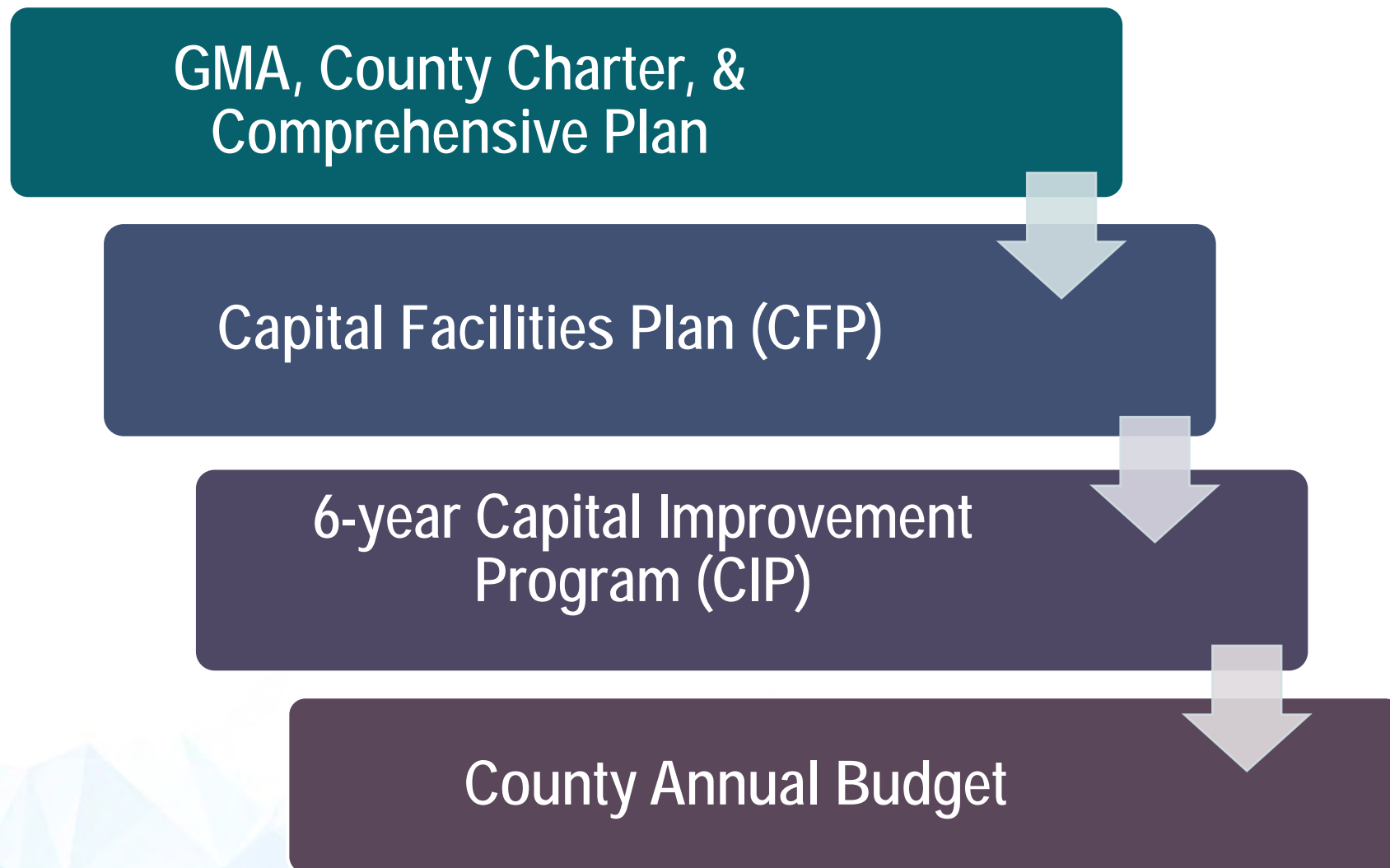


What is the Capital Improvement Program (CIP)?

- Required by the state Growth Management Act (GMA)
- Implements and is a component of the County's Capital Facilities Plan (CFP)
- A six-year **fiscal plan** showing adequate funding for all county capital facilities & services
- Includes a **Statement of Assessment (SOA)** that determines the ability to maintain minimum **Levels of Service (LOS)** for public facilities necessary to support development provided by the County and other agencies



General Overview of Regulatory Framework



Growth Management Act (GMA)

Planning Goal 12

Public Facilities and Services

Ensure that those public facilities and services necessary to support development shall be adequate to serve the development at the time the development is available for occupancy and use **without** decreasing current service levels below locally established minimum standards.

RCW 36.70A.0200

GMA Comprehensive Plan – Mandatory Elements (RCW 36.70A.070(3))

- (3) A capital facilities plan element consisting of:
- (a) An inventory of existing capital facilities owned by public entities;
 - (b) A forecast of the future needs of such capital facilities;
 - (c) The proposed locations and capacities of expanded or new capital facilities;
 - (d) At least a **six-year plan that will finance such capital facilities**; and
 - (e) A requirement to **reassess** the land use element if probable funding falls short

RCW 36.70.070

County Charter

Section 6.50 Consideration and Adoption of the Budget

“...The county council in considering the budget ordinance proposed by the county executive, may delete or add items, may reduce or increase the proposed appropriations and may add provisions restricting the expenditure of certain appropriations, **provided that the county council shall adopt a six (6) year capital improvement program as an adjunct to the budget**, including a balance of proposed expenses and potential revenue sources...”

Capital Facilities, Utilities, & Services

Public Facilities Necessary to Support Development*
Surface Transportation
Park Land and Recreational Facilities
Surface Water Management
Public Schools**
Electric Power**
Public Water Supply**
Public Wastewater Systems**
Fire Protection Services

Other Capital Facilities & Services
Airport
Solid Waste
Hazard Mitigation
General Government Services

*Minimum LOS established in 2015 Capital Facilities Plan

**Necessary for urban development only



Organization of the 2023-2028 CIP

Item
Chapters
I: Introduction and Background
II: Financing Strategies
III: Summary of Capital Projects with Exhibits, Maps
IV: Departmental Capital Improvement Program Detail
V: Statements of Assessment
VI: Minimum Level of Service Reports
VII: Hazard Mitigation Planning

Summary of Financial Information

Finance Department

Finance Slides – to be updated



Snohomish County

County Facilities

Various Departments

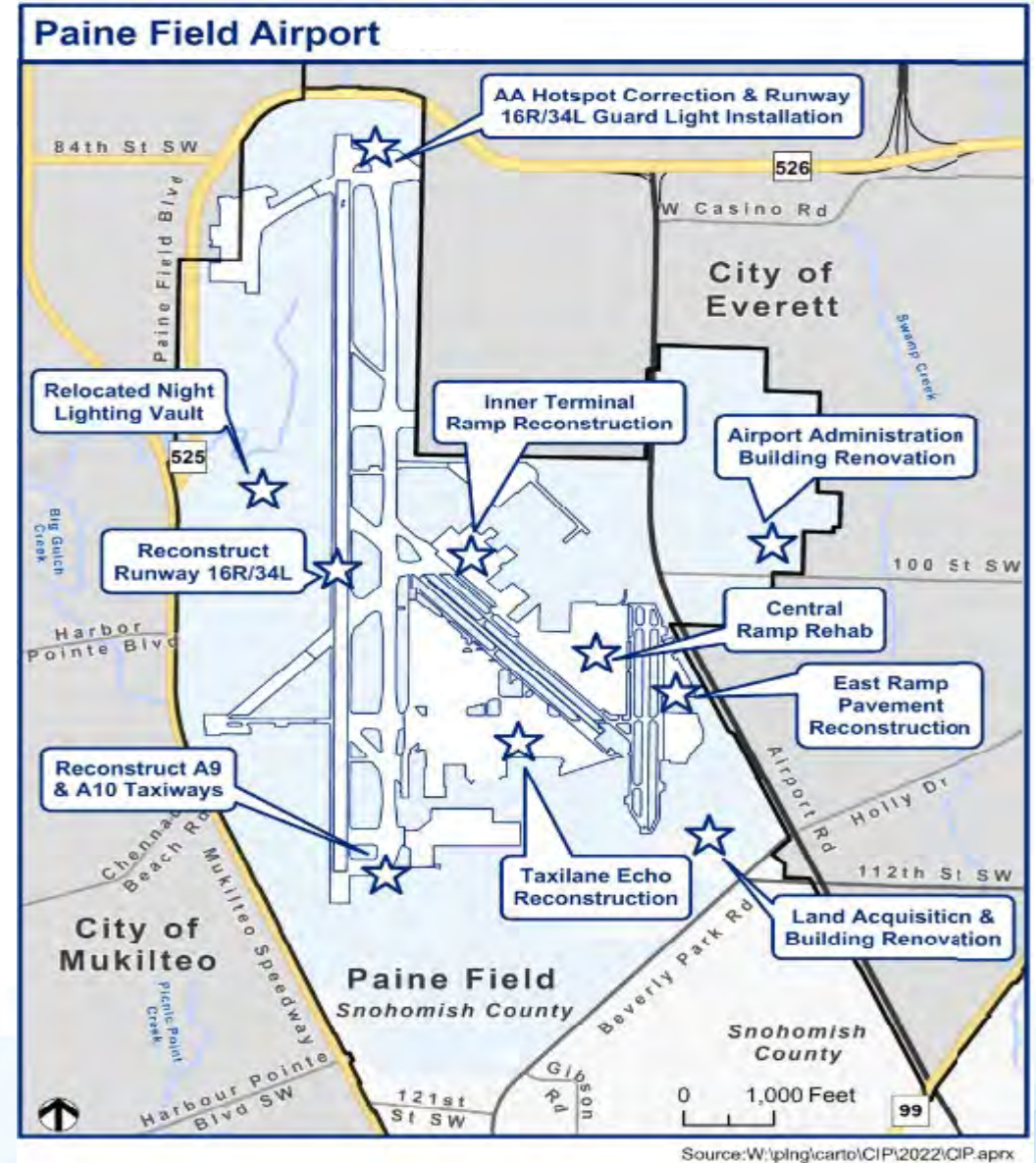


Airport Department

Paine Field Airport 2023 - 2028

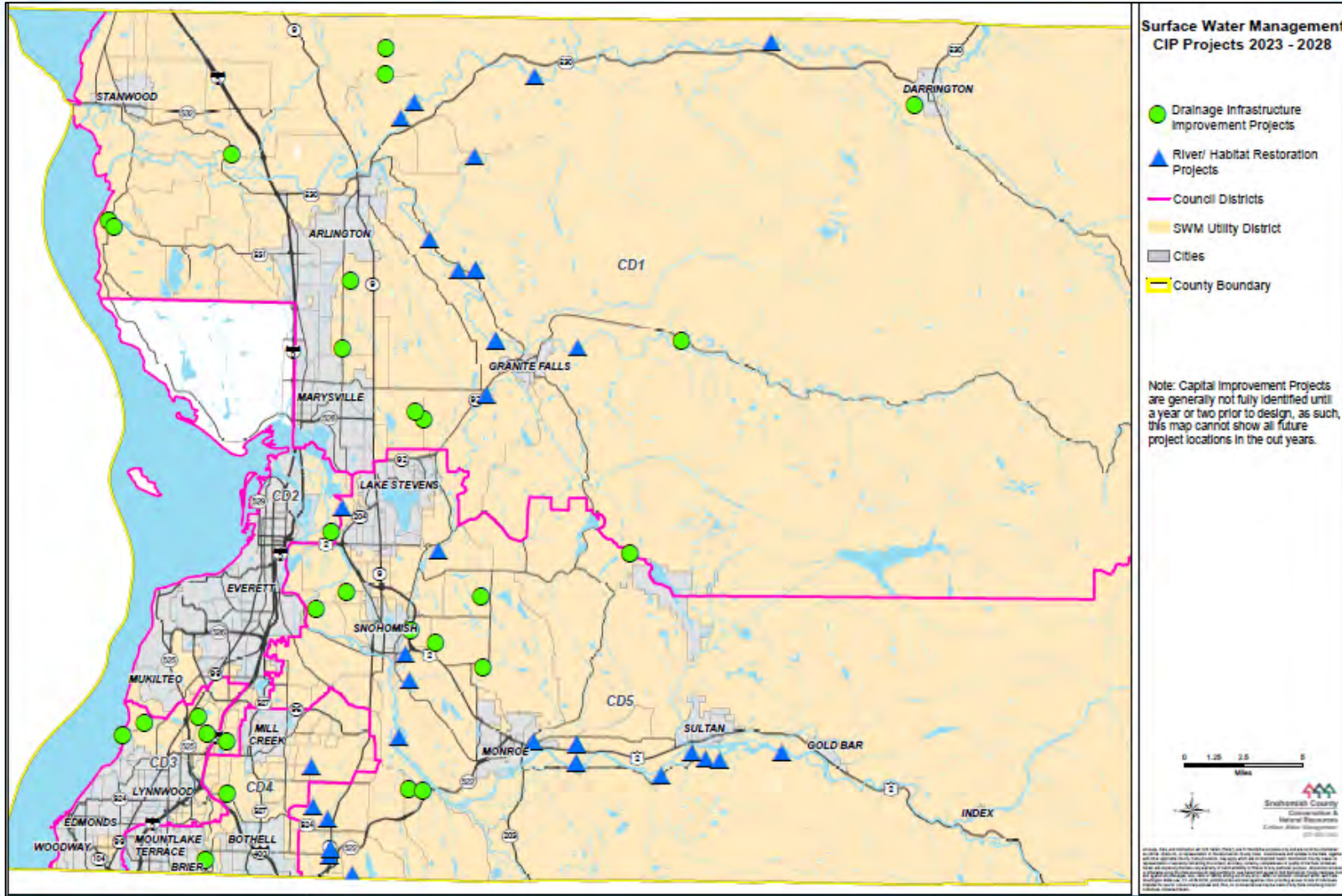
CIP Five Year Plan:

- 2023 Airport Master Plan
- 2023-2028 Building Improvements:
 - Interior renovations, roofing, building equipment & systems upgrades, etc.
- 2023-2028 Vehicle & Equipment Replacement:
 - Vehicles, equipment, machinery, snow removal equipment, etc.
- 2023-2028 Pavement Replacement Projects:
 - 2023 Taxiway Echo Reconstruction
 - 2023 Inner-Terminal Ramp Reconstruction
 - 2023 E GA Ramp Pavement Reconstruction
 - 2024 A9 & A10 Taxiways Rehab
 - 2024-2025 Central Ramp & Taxilane Rehab
 - 2023-2028 Main Runway 16R/34L Reconstruction
- 2026 Relocate Airfield Electrical Vault



Surface Water Management (SWM)

Department of Conservation and Natural Resources
Surface Water Management Division



SWM Projects 2023-2028

Surface Water Management LOS Standards and SOA Key Findings

- Level of Service (LOS) = County drainage code + Minimum Level of Investment (\$8.35 M in six years)
- Target LOS = Eliminate frequent flooding by 2026
- Current Level of Investment is approximately \$114M between 2023 and 2028



Statement of Assessment Key Findings

- Minimum LOS standards are being met
- There are no deficiencies in LOS measure projected over the next six years

Surface Transportation

Department of Public Works
Transportation and Environmental Services Division

Surface Transportation LOS Standards

- Defined in the Transportation Element Chapter of the adopted County Comprehensive Plan
- Current LOS standard is vehicular-based – travel speed
- Concurrency Management System – monitors LOS on arterials.



Note: Six-year TIP is adopted by reference in the CIP



Surface Transportation SOA Key Findings

- No arterial units in arrears
- No forecasted LOS deficiencies in the six-year planning period
- Funding is adequate to maintain LOS standards
- Continuous assessment of COVID-19 revenue impacts to the capital program



Solid Waste

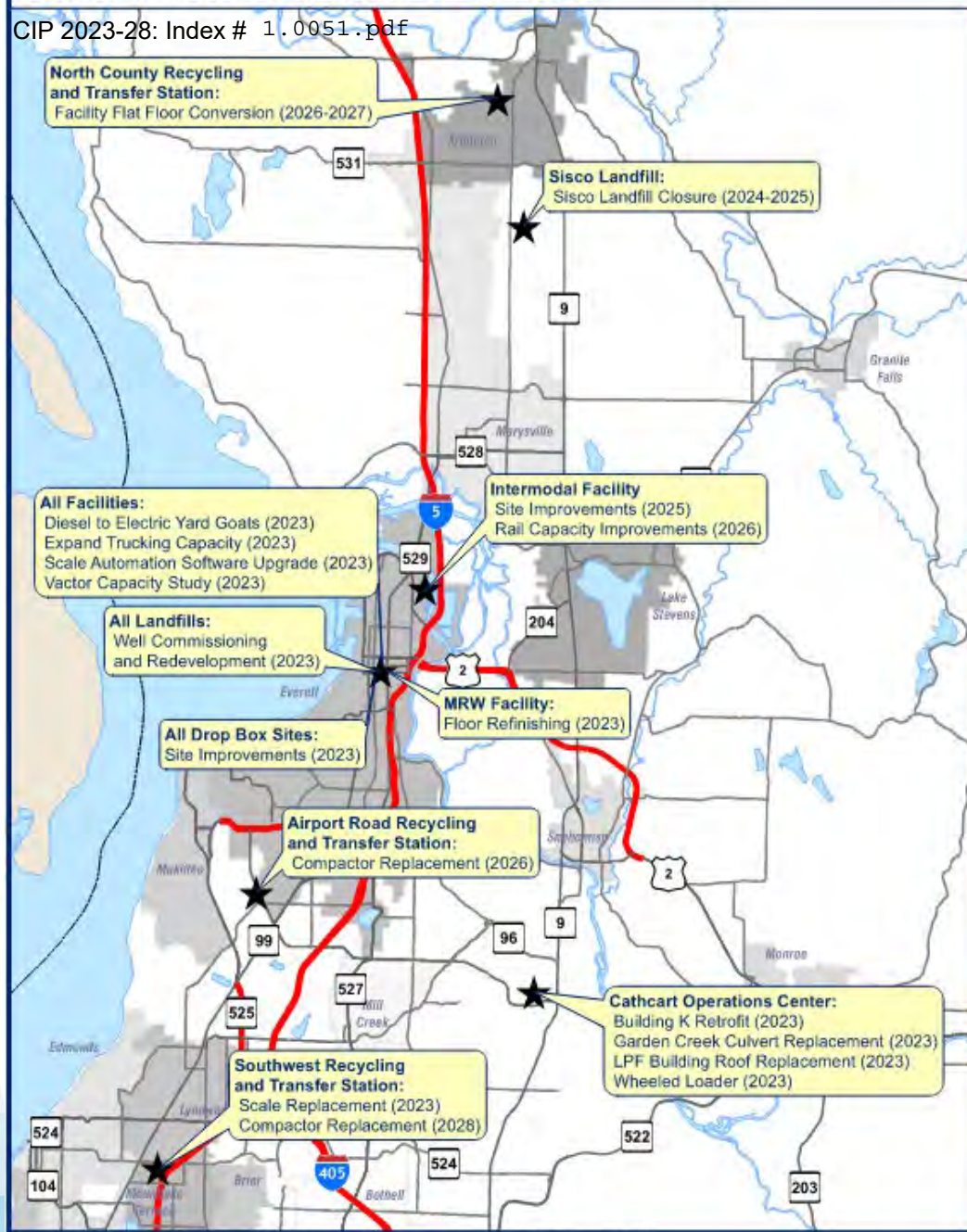
Department of Public Works
Solid Waste Division



Snohomish County

Solid Waste Division 2023-2028

CIP 2023-28: Index # 1.0051.pptf



Map Path: I:\pww\solid\projects\SW_Facilities\CIP Maps\ArcMaps\CIP_Improvement_Projects_2023-28.mxd 7/26/2022

Solid Waste Projects 2023-2028



Snohomish County

Park Land and Recreational Facilities

Department of Conservation and Natural Resources
Parks and Recreation Division

Park Land and Recreational Facilities

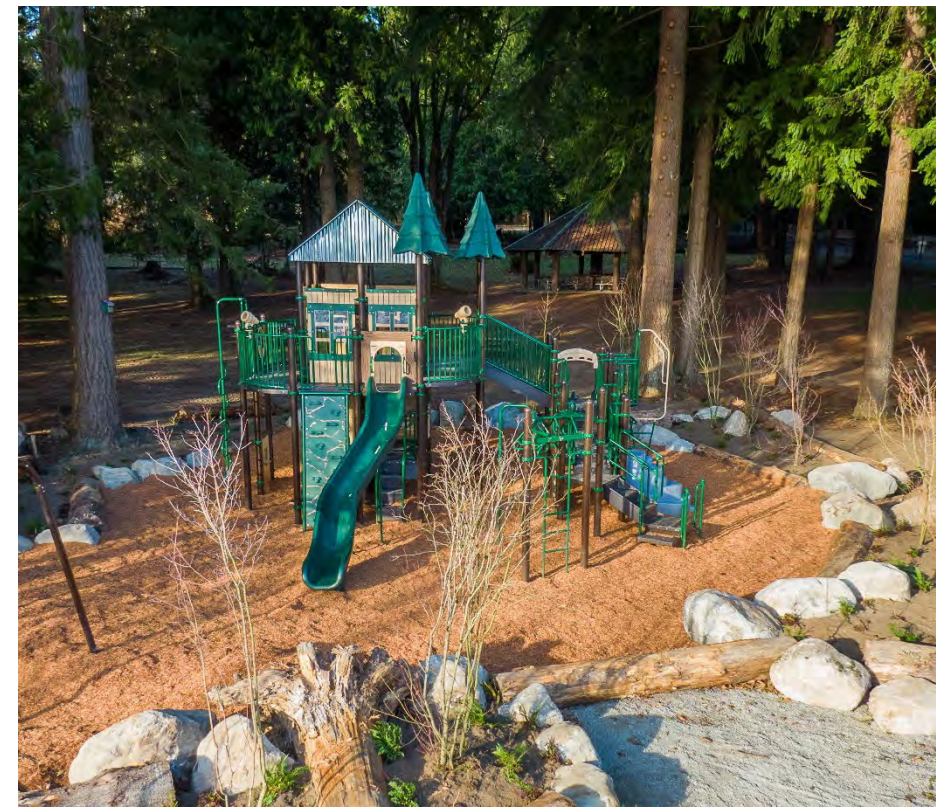
LOS Standards

Summary Capacity Measure	Minimum Standard (Population per Unit)	2022 LOS
Active Recreation Facilities	3,250	3,074
Passive Recreation Facilities	3,650	3,106
Regional Trail	8,750	6,147
Waterfront	11,500	11,102
Campsites	1,050	1,005
Parking Spaces	120	102



Level of Service

- Active Facilities Examples
 - Ballfields
 - Sport courts
 - Playgrounds
 - Skate parks
 - Boat launch lanes
 - Mountain biking skills course
 - Equestrian facilities
 - Racetracks
 - Swimming pools
- Passive Facilities Examples
 - Shelters
 - Off-leash dog areas
 - Walking trails (miles)
 - Community gardens
 - Amphitheaters



Park Land and Recreational Facilities

SOA Key Findings

- Minimum LOS standards are being met
- There are no deficiencies in LOS measures projected over the next six years



Hazard Mitigation Plan

Department of Emergency Management

Hazard Mitigation Plan (HMP) Overview

- HMP is required to secure HMP grant funds
- HMP seeks to:
 - Reduce future loss of life and destruction of property
 - Assess risk, identify impacts, and identify a list of projects and activities that can mitigate the impacts of hazards before they occur
 - Identify and implement short- and long-term strategies to reduce loss of life and/or alleviate personal injury and property damage.
- ALL County facilities and infrastructure are susceptible to some type of hazard and disaster



Risks & Hazards in Snohomish County



Hazard Mitigation Plan

- Risk assessment accounts for both natural and human-caused hazards
- Provides recommendations and strategies to mitigate impacts from identified hazards, including Climate Change
- Best practices requires coordinating with other planning processes (Vision 2050, Comprehensive Plan) and partners (SCT and special districts)
- Action Items have been identified for each recommended strategy
 - Coordinated planning processes
 - Consideration of hazards for Capital Improvement planning and decisions

Hazard Mitigation Plan Funding

- Projects identified in the HMP are based on the hazard assessment and input from the participating planning partners and members of the public.
- Projects are identified through collaborative partnerships.
- Over \$7,000,000 obtained for public and private projects throughout the county. (*However, limited funds have been obtained for County infrastructure improvement projects.*)
- County HMPG applications for Climate Change infrastructure modeling, buy-outs and elevation projects moved forward by WA Emergency Management Division in 2022.

Mitigation and County Infrastructure

- Pre-disaster risk reduction activities can minimize the physical, social and economic impacts when disasters occur
- County facilities and infrastructure play a key role in disaster response and recovery
- Building resilience in capital facilities and improving current infrastructure strengthen the ability of infrastructure after a disaster
- Factoring in hazards decreases downtime and can alleviate disaster impact costs
- Mitigation measures can include water and energy conservation and efficiency; Firewise/Community Wildfire Protection Plan
- Other mitigation measures may include relocations, retrofits, etc.



Non-County Facilities

Water, Wastewater, Electric Power, Public Schools,
and Fire Protection Services

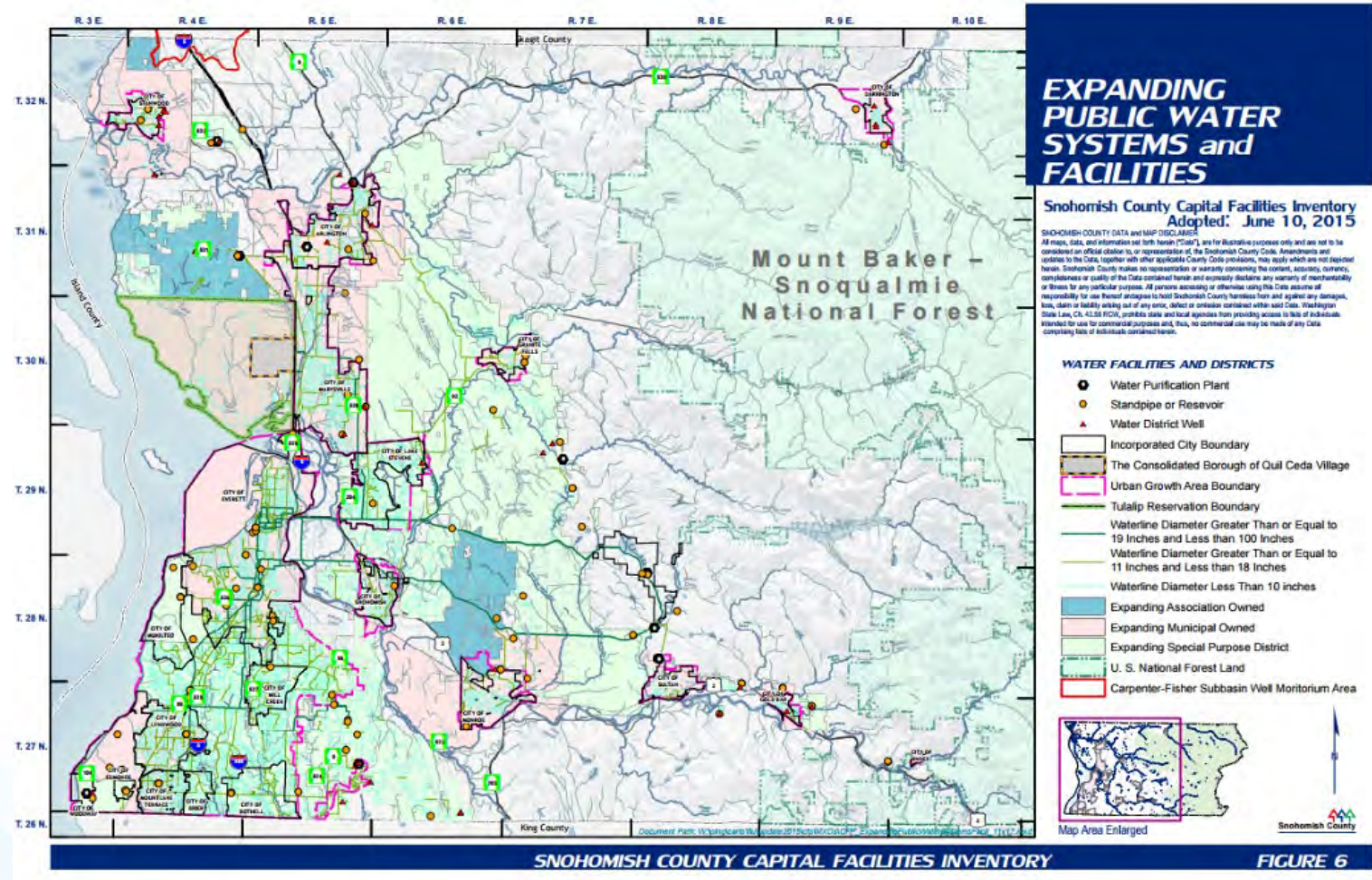
Presented by Planning & Development Services



Public Water Supply System

Level of Service (LOS) Standards & Statement of Assessment (SOA)

- LOS established by Department of Health and each water purveyor
- Statement of Assessment key finding: No reassessment is required based on current information



Public Wastewater System

Level of Service (LOS) Standards & Statement of Assessment (SOA)

- LOS established by the Department of Ecology and each purveyor
- Statement of Assessment Key Finding: No reassessment is required based on current information



Public Water Supply System Capacity Issues

- The Town of Index currently has a moratorium on new connections pending the release of federal funds for a new meter. However, the Washington State Department of Ecology has authorized a small number of new services to be issued between now and when the moratorium can be lifted.



Public Wastewater System Capacity Issues

- Lake Stevens Sewer District has three moratoria basins in its wastewater system.
- Potential future issue: A permit required by the Washington State Department of Ecology for water treatment plants to improve treatment of wastewater prior to release into the Puget Sound. Some providers have commented that this permit could generate capacity issues for the affected water treatment plants.

Fire Protection Services

Level of Service (LOS) Standards & Statement of Assessment (SOA)

- Level of service is sufficient fire flow to provide protection for urban development
- Standards for fire flow are determined and enforced by local fire marshal, and verified by water purveyor

Statement of Assessment Key Finding

- Based on current information – no reassessment is required



Electric Power

Level of Service (LOS) Standards & Statement of Assessment (SOA)

- Minimum level of investment = \$525M to maintain PUD services to Snohomish County residents
- Current level of investment = \$525M based on the PUD's current Capital Improvement Program

Statement of Assessment Key Finding

- Level of service is based on the level of investment identified in the PUD's internal CIP being achieved
- No reassessment is required based on current information



Public Schools

Level of Service (LOS) Standards & Statement of Assessment (SOA)

- Each school district establishes its own LOS in separate capital facility plans.
- Six-year funding viability is established in their own CIPs
- All school districts that currently participate in the county's school impact fee program meet minimum LOS for all grade levels

Statement of Assessment Key Finding

- Based on the 2022 biennial school district capital facilities plans (CFPs) – no reassessment is required.



Statement of Assessment

Planning & Development Services

Statement of Assessment

- Required by state law – “assess those public capital facilities & services necessary to support development”
- Compares minimum level of service (LOS) established in the 2015 Capital Facilities Plan to current LOS
- Assesses whether there are any probable funding shortfalls or regulatory inadequacies for the six-year term to meet the minimum LOS

Public Facilities Necessary to Support Development
Surface Transportation
Park Land and Recreational Facilities
Surface Water Management
Public Schools*
Electric Power*
Public Water Supply*
Public Wastewater Systems*
Fire Protection Services

* Services not provided by the County

Evaluation for Reassessment

1. Are minimum levels of service being met for capital facilities that are “necessary to support development?”
2. Is there sufficient funding to complete projects/commitments for capital facilities “necessary to support development” over the next six years?
3. Are regulatory measures in places that reasonably ensure development will not occur without public facilities available to meet minimum levels of service?



Reassessment Work Program Options

1. Reduce the standard of service, which will reduce the cost; or
2. Increase revenues to pay for the proposed standard of service (higher rates of existing revenues, and/or new sources of revenue); or
3. Reduce the average cost of the capital facility (i.e., alternative technology or alternative ownership or financing), thus reducing the total cost, and possibly the quality; or
4. Reduce the demand by restricting population (i.e., revise the land use element), which may cause growth to occur in other jurisdictions; or
5. Reduce the demand by reducing consumption (i.e., transportation demand management, recycling solid waste, water conservation, etc.), which may cost more money initially, but which may save some even more money late; or
6. Any combination of the options listed above

SOA Summary and Initial Findings

Sufficient funding is reasonably expected to meet the need (necessary to support development) identified in GMA Goal 12, based upon:

- No capital facilities are projected to experience shortfalls in funding between 2023 and 2028
- Projected resources are reasonable to fund public facilities needed to meet minimum LOS standards
- Regulation measures are in place that reasonably ensure development will not occur if LOS standards are not met
- No immediate reassessment actions are required or recommended at this time

Next Steps

- Complete Draft Capital Improvement Plan (CIP)
- Issuance of Executive-recommended CIP
- Planning Commission hearing for CIP on September 27

Questions?

Planning and Development Services

Eileen Canola | 425.262.2253 | Eileen.Canola@snoco.org

Finance

Debbi Mock | 425.388.3450 | Debbi.Mock@snoco.org

Canola, Eileen

From: Siddons , Matthew
Sent: Friday, July 15, 2022 12:24 PM
To: Forde, Viggo
Cc: Hartmann, Fred; Canola, Eileen; Jennings, Henry
Subject: Updating DoIT section of County's annual Capital Improvement Program (CIP)

Hello Viggo,

Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the DoIT section. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to DOit- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
[DoIT - OneDrive \(sharepoint.com\)](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

Canola, Eileen

From: Siddons, Matthew
Sent: Friday, July 15, 2022 11:54 AM
To: Lucas, Amy; Salmon, Dara; Teigen, Tom
Cc: Canola, Eileen; Jennings, Henry
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Thank you for confirming Amy.
Matthew

From: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>
Sent: Friday, July 15, 2022 11:53 AM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hi Matthew,

I am confirming that I will be available for the presentation to the Planning Commission on August 23rd. I am currently making a few small edits to the DEM narrative document, and will also be slightly modifying the slide deck as well. I will have that to you by the 5th.

Thank you,
Amy

Amy Lucas

Community Resilience Program Manager

Snohomish County Department of Emergency Management
720 80th Street SW, Bldg A, Everett, WA 98203
amy.lucas@snoco.org
Phone: (425) 388-5129 Cell: (425) 287-2333



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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, July 15, 2022 11:39 AM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

I am following-up on the Capital Improvement Program (CIP) update. Please review and provide any edits from DEM to the word document and PowerPoint slides in the attached folder. If you can send your edits before **August 5, 2022**, it would be appreciated. We are currently compiling the responses from internal departments.

The presentation to the Planning Commission is scheduled for August 23rd. As in previous years, we hope to have DEM staff on hand to present their slides.

 [DEM](#)

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew
Sent: Tuesday, June 28, 2022 10:56 AM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: FW: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

This email is a reminder regarding the Capital Improvement Program (CIP) updates. We are asking that edits be submitted by **August 5, 2022**. It would be greatly appreciated if you can submit your edits before that date. We will need to integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for DEM. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: Siddons, Matthew
Sent: Friday, May 27, 2022 4:10 PM
To: Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: Updating DEM section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the DEM portion. Please send me your edits to the attached CIP by **August 5,**

so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to DEM- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
 [DEM](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

Canola, Eileen

From: Siddons , Matthew
Sent: Friday, July 15, 2022 12:24 PM
To: Nelson, JaNae
Cc: Scalf, Roy; Garcia, Al; Canola, Eileen; Jennings, Henry
Subject: Updating Facilities section of County's annual Capital Improvement Program (CIP)

Hello JaNae,

Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Facilities section. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to Facilities- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule Facilities - OneDrive \(sharepoint.com\)](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

Canola, Eileen

From: Rugg, William
Sent: Monday, June 27, 2022 9:30 AM
To: Landgraff, Nickolis; Siddons, Matthew
Cc: Canola, Eileen; Jennings, Henry
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)
Attachments: Paine_Field_Airport_2023-2028.pdf; Paine_Field_Airport_2023-2028_Map2.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hello Nickolis,

No worries, here are the updates with the 'AA Hotspot Correction & Runway 16R/34L Guard Light Installation':

<\\snoco\gis\plng\carto\CIP\2022\CIP.aprx>
\\snoco\gis\plng\carto\CIP\2022\Paine_Field_Airport_2023-2028.pdf
\\snoco\gis\plng\carto\CIP\2022\Paine_Field_Airport_2023-2028_Map2.pdf

Cheers,

-wr

Will Rugg | GIS Analyst, Sr.
Snohomish County Planning and Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2185 | will.rugg@snoco.org

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From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Friday, June 24, 2022 5:12 PM
To: Rugg, William <Will.Rugg@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

William,

I spoke to soon. We have one more project addition that's noteworthy to put on the map. It's titled "AA Hotspot Correction & Runway 16R/34L Guard Light Installation". Please see the attached map marked up with it's location.

Thanks!

Nickolis A. Landgraff | Airport Business Manager
Snohomish County Airport | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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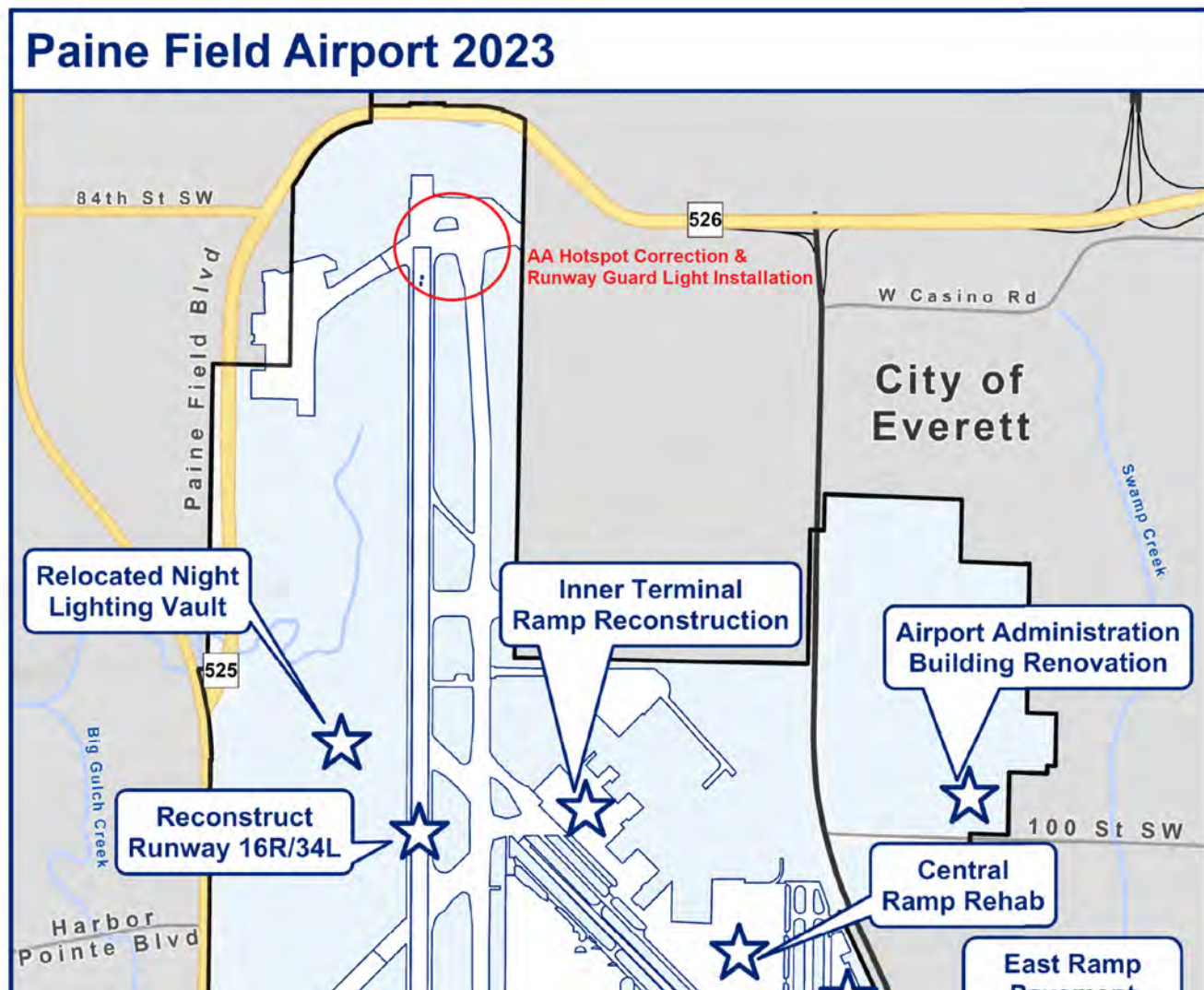
From: Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 5:01 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Sorry it took so long to get back on this. The only other airside project I can think of any consequence is the AA Hotspot correction & RW guard lights installation:



It's about \$650k so I don't know if that makes the threshold cutoff of projects to go on the graphic. But it is a safety improvement project, which always presents well, and helps break up the monotony of all the paving jobs. Let me know if you want to include it/need more info.

Kevin Latschaw, P.E. | Airport Engineering Manager

[Paine Field | Snohomish County Airport](#)

10108 32nd Avenue West, Suite G | Everett, WA 98204

Office (425) 388-5122 | Cell (425) 551-8169

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From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 4:50 PM

To: McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>

Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Kevin & Pete- Please do a final once over of the CIP maps that go into the County's CIP Program Book. We only added A9 & A10, but if I missed anything let me know; however, I highly doubt I missed anything this late stage in the budget game.

Budget closes next week Wednesday and Thursday if we had an emergency. Anything you want to change then now is the time to mention it or forever hold your peace (till next year).

Thanks

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Landgraff, Nickolis

Sent: Friday, June 24, 2022 4:47 PM

To: Rugg, William <Will.Rugg@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>;

Sandri, Lauren <Lauren.Sandri@co.snohomish.wa.us>; Mass, Julie <Julie.Mass@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Will,

The attached versions are perfect as-is. You got it correct, A9 & A10 are almost on top of each other at the southern end of the runway.

I appreciate you taking the time to update this for me.

Thanks and hope you have a good weekend.

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Rugg, William <Will.Rugg@co.snohomish.wa.us>

Sent: Friday, June 24, 2022 4:29 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Landgraff, Nickolis

<Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>;

Sandri, Lauren <Lauren.Sandri@co.snohomish.wa.us>; Mass, Julie <Julie.Mass@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Please review and markup as needed the attached map products of the updates to the Airport section of the County's annual Capital Improvement Program (CIP). The '_KPAEdiagram.pdf' is an experimental map that helped me to locate taxiways A9 and A10. The path to the workspace is "[\\snoco\gis\plng\carto\CIP\2022](#)".

Have a good weekend,

-WR

Will Rugg | *GIS Analyst, Sr.*

Snohomish County Planning and Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2185 | will.rugg@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 5:18 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Rugg, William <Will.Rugg@co.snohomish.wa.us>

Subject: FW: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello Nickolis,

Thank you for sending the map of Pain Field with the marked-up changed. I have set-up a meeting for us to discuss the changes with GIS.

Thank you,

Matthew Siddons, AICP, MCIP-I | Senior Planner

Snohomish County Planning and Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425.262.2114 | matthew.siddons@snoco.org

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 3:21 PM

To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Henry,

Yes, can you please make the following updates to our CIP Map? See attached.

Thank you for your help!

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Sent: Tuesday, June 21, 2022 2:47 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hi Nickolis,

Just reaching out to check in and see if you had a marked up PDF version of your CIP program, and if you needed any assistance with maps.

Thanks,

Henry Jennings | *Planner – Long Range Planning*

Snohomish County Planning & Development Services

3000 Rockefeller Ave., M/S 604 | Everett, WA 98201

425-262-2179 | Henry.Jennings@snoco.org

he/him

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Sent: Wednesday, June 1, 2022 12:32 PM

To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Absolutely. We're still adjusting our CIP Program, so give me about two weeks and then I should know the exacts. I'll send back a marked up PDF version for final edits. I appreciate your help on the maps.

Thanks and be in touch ASAP.

Nickolis A. Landgraff | *Airport Business Manager*

[Snohomish County Airport](#) | Paine Field

10108 32nd Avenue West, Suite J | Everett, WA 98204

O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

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From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>

Sent: Tuesday, May 31, 2022 5:48 PM

To: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>

Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

We can have our Planning GIS Analysis help with updating the maps. Are there particular items that need to be amended?

Thanks,
Matthew

From: Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Sent: Tuesday, May 31, 2022 5:42 PM
To: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: Updating Airport section of County's annual Capital Improvement Program (CIP)

Matt,

The narrative still looks good, but we normally need some assistance with the map update portion. Would you be the person who could assist us with map updates?

Thanks,

Nickolis A. Landgraff | *Airport Business Manager*
[Snohomish County Airport](#) | Paine Field
10108 32nd Avenue West, Suite J | Everett, WA 98204
O: 425-388-5103 | F: 425-388-7005 | nickolis.landgraff@snoco.org

NOTICE: All emails, and attachments, sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Sent: Friday, May 27, 2022 4:10 PM
To: Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Latschaw, Kevin <Kevin.Latschaw@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: Updating Airport section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Airport portion. Please send me your edits to the attached CIP by **August 5, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

I am sending you links to the sections specific to the Airport- please review and update as necessary.

 [Snohomish County 2023-2028 Capital Improvement Program \(CIP\) Working Schedule](#)
 [Airport](#)

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your department. Please let me know if you have any questions.

Matthew Siddons, AICP, MCIP-I | Senior Planner

CIP 2023-28: Index # 1-0055.pdf
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425.262.2114 | matthew.siddons@snoco.org

From: [Canola, Eileen](#)
To: [Ojala, Matthew](#); [Crump, Kit \(Donald\)](#); [Lucas, Amy](#); [Ohlfs, Carol](#); [Landgraff, Nickolis](#); [Greninger, Jon](#)
Cc: [Salmon, Dara](#); [Snyder, Kelly](#); [Teigen, Tom](#); [Ghouse, Arif](#); [McGuire, Pete](#); [Moore, Megan](#); [Killingstad, David](#); [McCormick, Douglas](#); [Schonhard, David](#); [Dickson, Stephen \(spwspd@co.snohomish.wa.us\)](#); [McGuire, Pete](#); [Mock, Debbi](#); [Scheil, Cynthia](#); [Jennings, Henry](#); [Mock, Debbi](#); [Scheil, Cynthia](#)
Subject: RE: CIP Briefing to Planning Commission - August 23 - Please confirm presenters
Date: Monday, August 22, 2022 9:47:00 AM
Attachments: [2022 Section1 CIP-clean version.docx](#)
[2023 Section3 CIP PDS clean-8-16-22.docx](#)

Hello,

Attached are two sections of the CIP that reflect your edits:

- Section 1 – maps and Table 4: Description of Projects by Classification
- Section 3 – Statement of Assessment for each capital facility/public service that has a level of service standard.

I have sent these two documents to Cynthia Scheil in Finance who is compiling the Executive-recommended CIP book. If you have any edits to these two documents, please let Cynthia know sooner than later.

Thank you,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: Canola, Eileen
Sent: Tuesday, August 16, 2022 3:07 PM
To: Ojala, Matthew <Matthew.Ojala@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>; Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Ohlfs, Carol <Carol.Ohlfs@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Greninger, Jon <Jon.Greninger@co.snohomish.wa.us>
Cc: Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Snyder, Kelly <Kelly.Snyder@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>; Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Moore, Megan <Megan.Moore@co.snohomish.wa.us>; Killingstad, David <david.killingstad@snoco.org>; McCormick, Douglas <DMcCormick@co.snohomish.wa.us>; Schonhard, David <David.Schonhard@co.snohomish.wa.us>; Dickson, Stephen <spwspd@co.snohomish.wa.us> <spwspd@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Mock, Debbi <Debbi.Mock@co.snohomish.wa.us>; Scheil,

Cynthia <Cynthia.Scheil@co.snohomish.wa.us>; Jennings, Henry
<Henry.Jennings@co.snohomish.wa.us>

Subject: RE: CIP Briefing to Planning Commission - August 23 - Please confirm presenters

Hello CIP-ers!

Attached is the PowerPoint presentation for the August 23rd briefing to the Planning Commission. Please give it one final review and if you have any edits, let me know.

The agenda for the Planning Commission meeting should be posted soon:

<https://snohomishcountywa.gov/AgendaCenter/Search/?term=&CIDs=1,&startDate=&endDate=&dateRange=&dateSelector=>

This will be a Zoom meeting- When you join, you will only be watching the meeting as an "attendee" but your role will be changed from an "attendee" to a "presenter" when it's time for your presentation.

Thank you, and if you have any questions, please let me know!

Regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

From: Canola, Eileen

Sent: Thursday, August 4, 2022 2:58 PM

To: Robb, Darren <Darren.Robb@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>; Lucas, Amy <Amy.Lucas@co.snohomish.wa.us>; Ohlfs, Carol <Carol.Ohlfs@co.snohomish.wa.us>; Landgraff, Nickolis <Nickolis.Landgraff@co.snohomish.wa.us>; Greninger, Jon <Jon.Greninger@co.snohomish.wa.us>

Cc: Salmon, Dara <Dara.Salmon@co.snohomish.wa.us>; Snyder, Kelly <Kelly.Snyder@co.snohomish.wa.us>; Teigen, Tom <Tom.Teigen@co.snohomish.wa.us>; Ghouse, Arif <Arif.Ghouse@co.snohomish.wa.us>; McGuire, Pete <Pete.McGuire@co.snohomish.wa.us>; Moore, Megan <Megan.Moore@co.snohomish.wa.us>; Killingstad, David <david.killingstad@snoco.org>; McCormick, Douglas <DMcCormick@co.snohomish.wa.us>

Subject: CIP Briefing to Planning Commission - August 23 - Please confirm presenters

Hello all,

The CIP briefing to the Planning Commission is on the horizon (August 23)! Please review the table below and the attached DRAFT PPT to ensure we have the correct presenter and information on the slide(s). Please let me know if there are any updates to who is presenting, and send me your updated slides by **August 9th** so we can send them to the Commission in advance of the meeting. There are 3 new Commissioners, so there is a chance you may get more questions than in past years. This is the only big item on the agenda, so no need to rush your presentation. We have not set time limits for each presenter – we usually have plenty of time for each presentation.

Here is more information:

- **Date:** August 23, 2022
- **Time:** meeting begins at 5:30pm
- **Agenda link – will be posted soon:**
<https://snohomishcountywa.gov/AgendaCenter/Search/?term=&CIDs=1,&startDate=&endDate=&dateRange=&dateSelector=>
- **Virtual meeting:** Zoom meeting. When you join, you will only be watching the meeting as an “attendee” but your role will be changed from an "attendee" to a "presenter" when it's time for your presentation.
- **Your presentation:** For efficiency, it might be helpful to have the slides to be advanced by Megan Moore or me, so we are not switching screens.

Presenters	Department /topic	Status of Your PPT slides
Eileen Canola	PDS	In process of finalizing
Debbi Mock	Finance	In process of finalizing
Nickolis Landgraff,	Airport	Complete
Jim Blankenbeckler	SWM – DCNR	Complete
Matthew Ojala	TES - DPW	In process of finalizing
Joh Greninger	Solid Waste - DPW	Complete
Carol Ohlfs	Parks and Recreation - DCNR	Complete
Amy Lucas	DEM	In process of finalizing – Hazard Mitigation Plan (HMP)
Eileen Canola	Non-County services	In process of finalizing

Thank you very much!

Eileen

Eileen Canola, CSBA | Senior Planner
 Snohomish County Planning & Development Services
 3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
 425-262-2253 | eileen.canola@snoco.org

Jennings, Henry

From: Robinson, Patrick <Patrick.Robinson@pse.com>
Sent: Friday, June 24, 2022 2:22 PM
To: Jennings, Henry
Cc: Siddons, Matthew; Canola, Eileen
Subject: RE: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

Follow Up Flag: Follow up
Flag Status: Flagged

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Hi Henry,

Thanks for the follow up on this. I had mentally lumped it into the Comp Plan update the county emailed about earlier in the year (which is my bad because the email was **clear** that it was on a different timeline, apologies). Following up on my voicemail, I wanted to check in on what the County's thoughts/goals were for PSE's involvement with the CIP. Looking at our records I can find past work with the county on Comp Plan updates but did not see any past work with the annual CIP. That being said if there is something that we can help with I can certainly look into it more.

Please feel free to give me a call at your convenience or let me know when a good time to call you would be and we can discuss.

Regards,

Patrick Robinson
Municipal Liaison Manager
Municipal Relations North
PUGET SOUND ENERGY
425-424-7498 | (89-7498)
19900 N. Creek Parkway, Bldg G,
Bothell, WA 98011

From: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Sent: Wednesday, June 22, 2022 10:01 AM
To: Robinson, Patrick <Patrick.Robinson@pse.com>
Cc: Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Subject: RE: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

CAUTION - EXTERNAL EMAIL

Phishing? Click the PhishAlarm "**Report Phish**" button.

Good morning,

Just checking in to see if PSE needs any assistance with their comments on the electric power portion of the CIP. Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency. Please let me know if you have any questions.

Thanks,

CIP 2023-28; Index # 1-0057.pdf
Henry Jennings - Planner - Long Range Planning
Snohomish County Planning & Development Services
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Sent: Wednesday, May 25, 2022 4:46 PM
To: RCPeterson@SNOPUD.com; BJWhite@SNOPUD.com; Patrick.robinson@pse.com
Cc: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Siddons, Matthew
<Matthew.Siddons@co.snohomish.wa.us>
Subject: Updating Electric Power section of County's annual Capital Improvement Program (CIP)

Hello,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the Electric Power portion. Please send me your edits to the attached CIP by **June 27, 2022** so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September. After Planning Commission review the CIP goes before County Council in October / November.

The attachment contains the sections specific to Electric Power – please review and update as necessary.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency. Please let me know if you have any questions.

Kind regards,

Eileen

Eileen Canola, CSBA | Senior Planner
Snohomish County Planning & Development Services
3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
425-262-2253 | eileen.canola@snoco.org

Roosevelt?

CIP 2023-28. Index # 1.0058.pdf

10:31 AM

R

Henry, Highland Water District had their Water Comp Plan updated this July 2022 and the an new plan needs to be done in 2026. Thanks, Ray.

Me to Ray1 (Direct Message)

10:34 AM

HJ

Thank you Ray, the table has been updated accordingly

Who can see your messages? Recording On

From: Jennings, Henry
Sent: Monday, August 1, 2022 11:26 AM
To: Ojala, David; Canola, Eileen
Cc: Blankenbeckler, James; Crump, Kit (Donald); Siddons, Matthew
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Fantastic, thank you David!

Thanks,

Henry Jennings | *Planner – Long Range Planning*
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

From: Ojala, David <David.Ojala@co.snohomish.wa.us>
Sent: Monday, August 1, 2022 11:24 AM
To: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Cc: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Eileen,

Here is a map with the latest edits. I don't anticipate any more changes.

dro

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Sent: Friday, July 29, 2022 2:02 PM
To: Ojala, David <David.Ojala@co.snohomish.wa.us>
Cc: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Much appreciated David – let us know if there are any updates.

From: Ojala, David <David.Ojala@co.snohomish.wa.us>
Sent: Friday, July 29, 2022 1:57 PM
To: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Cc: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Jennings, Henry

<Henry.Jennings@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>

Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Eileen,

I'm sending a copy of the CIP map. I talked with Kit this morning and they may be updating it. I wanted to get this over to you in the meantime. The river/habitat projects tend to be longer term projects and don't vary as much year to year like Drainage Infrastructure projects. There is likely very little that will change for the river/habitat projects.

Kit,

I copied the map from Brendan's folder and put it [here](#).

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Friday, July 29, 2022 10:21 AM

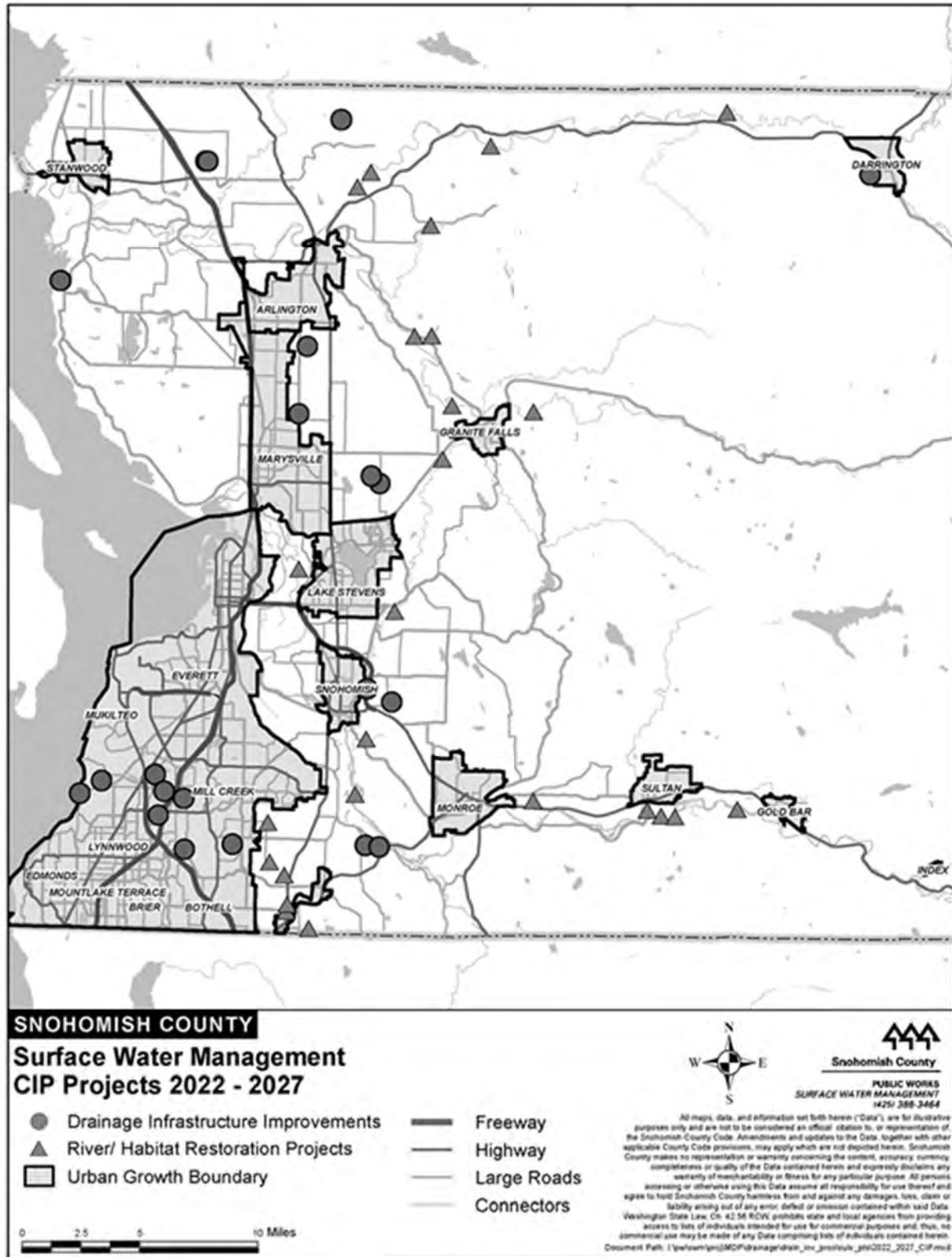
To: Ojala, David <David.Ojala@co.snohomish.wa.us>

Cc: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: FW: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Hello David,

Happy Friday! I was wondering if you had a chance to update the SWM map for the CIP? Thank you.



From: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>
Sent: Tuesday, July 26, 2022 3:24 PM
To: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Farris, Gregg <GFarris@co.snohomish.wa.us>; Stockdale, Erik <Erik.Stockdale@co.snohomish.wa.us>; Keene, Jennifer <Jennifer.Keene@co.snohomish.wa.us>
Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Ojala, David <David.Ojala@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Eileen,

See attached for the SWM info doc and PP slide.

David Ojala will forward you the SWM CIP map sometime this week (it is being reviewed now).

Jim Blankenbeckler, P.E. | SWM Engineering Manager
[Snohomish County Department of Conservation and Natural Resources](#) | [Surface Water Management](#)
3000 Rockefeller Ave., M/S 607 | Everett, WA 98201
O: 425-262-2606 | C: 425-422-0764 | jim.blankenbeckler@snoco.org

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Sent: Thursday, July 14, 2022 10:41 AM
To: Farris, Gregg <GFarris@co.snohomish.wa.us>; Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Stockdale, Erik <Erik.Stockdale@co.snohomish.wa.us>; Keene, Jennifer <Jennifer.Keene@co.snohomish.wa.us>
Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Hi Gregg,

Thanks so much. The deadline is the end of this month, but the sooner the better, as we are trying to get an updated draft to Finance.

Eileen

From: Farris, Gregg <GFarris@co.snohomish.wa.us>
Sent: Thursday, July 14, 2022 10:34 AM
To: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Stockdale, Erik <Erik.Stockdale@co.snohomish.wa.us>; Keene, Jennifer <Jennifer.Keene@co.snohomish.wa.us>
Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>

Subject: FW: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Jim, Erik, Jennifer - Please see the email below and the attached files related to the CIP. For the PowerPoint presentation, we usually just use the same slide and update it with the latest CIP total. The text in the surface water sections of the Word document should be reviewed and updated, along with a new map of our CIP projects. Thanks.

Eileen – Is there a deadline to get all of this to you?

Gregg Farris, P.E. | *Surface Water Utility Director*

[Snohomish County Conservation and Natural Resources](#) | [Surface Water Management](#)

3000 Rockefeller Ave., M/S 303 | Everett, WA 98201

O: 425-388-6454 | C: 425-508-8698 | F: 425-388-6455 | gfarris@snoco.org

REMOTE WORK OFFICE HOURS: Mon-Thu, 8:30 a.m. to 5:30 p.m., Fri 8:00 a.m. to 3:00 p.m.

IN-OFFICE HOURS: None

[Sign up to receive SWM news!](#)

NOTICE: All emails and attachments sent to and from Snohomish County are public records and may be subject to disclosure pursuant to the Public Records Act (RCW 42.56)

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Thursday, July 14, 2022 9:50 AM

To: Farris, Gregg <GFarris@co.snohomish.wa.us>

Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew

<Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

Subject: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Good morning Gregg,

We are coming up against a crunch to compile edits and get them to Finance for the annual County's CIP. Could you return edits for your department on the attached Word document, (it includes a map that needs updating), and the slide for the August 23rd Planning Commission presentation.

As in the past, we hope to have SWM staff on hand to present on their slide(s).

Thank you,

Eileen

Eileen Canola, CSBA | Senior Planner

Snohomish County Planning & Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2253 | eileen.canola@snoco.org

From: bheron@seanet.com
Sent: Wednesday, June 22, 2022 12:48 PM
To: Jennings, Henry
Cc: townhall@cityofindex.org
Subject: RE: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

CAUTION : This email originated from outside of this organization. Please exercise caution with links and attachments.

Henry

It is possible we had not sent in comments, but I think it would have been right when the first notice went out if we had... I remember reviewing and wanting to get it done as things were hectic.

I am out of town right now for the rest of the week but will get to this ASAP. The Town has been notified that we will have Comp Plan update funds coming our way but I assume 2023 would be the soonest we would start and likely 2024

Kim Peterson
Town of Index.

Hi Kim,

>

> I've attached the Water and Wastewater section of the CIP to this email.

> Do you recall to whom your comments were submitted? I'm unable to

> locate any comments from the Town of Index.

>

> Thanks,

>

> Henry Jennings | Planner - Long Range Planning Snohomish County

> Planning & Development Services

> 3000 Rockefeller Ave., M/S 604 | Everett, WA 98201

> 425-262-2179 | Henry.Jennings@snoco.org he/him

>

> -----Original Message-----

> From: bheron@seanet.com <bheron@seanet.com>

> Sent: Wednesday, June 22, 2022 12:19 PM

> To: Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

> Subject: RE: Snohomish County Annual Capital Improvement Program (CIP)

> - please review and revise water / wastewater section

>

>

> CAUTION : This email originated from outside of this organization.

> Please exercise caution with links and attachments.

>

> Henry

>
> I believe the Town of Index has already submitted comments but, there
> is no attached file on our end of this email if there was supposed to be.
>
> Kim Peterson
> Town of Index WDM
> k.peterson@cityofindex.org
>
>
>
> Good morning,
>>
>> It is that time of the year again - Snohomish County is reviewing and
>> updating its Capital Improvement Program (CIP) and needs your review
>> and updates to the water and wastewater sections. This email is a
>> reminder to please send your updates and edits by June 27th so that
>> we can integrate your comments in the updated CIP, and complete our
>> internal review in time for Planning Commission briefing in August
>> and September.
>>
>> Thank you in advance to help us ensure the CIP will reflect the most
>> up-to-date and accurate information for your agency / jurisdiction.
>> Please let me know if you have any questions, or if you need any
>> assistance formulating your edits or updates.
>>
>> Thanks,
>>
>> Henry Jennings | Planner - Long Range Planning Snohomish County
>> Planning & Development Services
>> 3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
>> 425-262-2179 |
>> Henry.Jennings@snoco.org<<mailto:Henry.Jennings@snoco.org>>
>> he/him
>>
>> From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
>> Sent: Wednesday, May 25, 2022 4:37 PM
>> To: JMcClellan@awwd.com; ajohannes@awwd.com; prichart@awwd.com;
>> ssmith@awwd.com; James Kelly <jkelly@arlingtonwa.gov>;
>> frapelyea@arlingtonwa.gov; mvolanek@arlingtonwa.gov;
>> eddie.low@bothellwa.gov; boyd.benson@bothellwa.gov;
>> cityplanner@ci.brier.wa.us; jim.waite@edmondswa.gov;
>> mike.delilla@edmondswa.gov; Jim Miller <jmiller@everettwa.gov>;
>> snasr@ci.everett.wa.us; R.norris@cityofgoldbar.us;
>> Brent.Kirk@ci.granite-falls.wa.us; lrbustello@ci.lynnwood.wa.us;
>> jbond@lynnwoodwa.gov; abenton@marysvillewa.gov;
>> jottow@monroewa.gov; Jakeh Roberts <jroberts@monroewa.gov>;
>> jlande@monroewa.gov; jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us;
>> ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us;

>> selin@ci.snohomish.wa.us; jackson@snohomishwa.gov;
>> sics@snohomishwa.gov; Kevin J. Hushagen
>> <Kevin.Hushagen@ci.stanwood.wa.us>; Gina N. Seegert
>> <Gina.Seegert@ci.stanwood.wa.us>; Shawn A. Smith
>> <Shawn.Smith@ci.stanwood.wa.us>; nate.morgan@ci.sultan.wa.us;
>> mjohnson@crossvalleywater.net; highlandwater@frontier.com;
>> ray@highlandwaterdistrict.com; sharman.herrin@kingcounty.gov;
>> steve.tolzman@kingcounty.gov; Low, Mariah <Mariah.Low@lkssd.org>;
>> RickM@mukilteowwd.org; kellyw@wwsvc.com; daveb@ovwater.com;
>> office@rooseveltwater.com; manager@7lakeswater.com;
>> thompsons50@outlook.com; rqgilmore@slwsd.com; cbrees@slwsd.com;
>> swd@startupwaterdistrict.com; dkemmis@3lwa.org; Kklicker@3lwa.org;
>> Dianne Allen <Dianne.Allen@darringtonwa.us>;
>> darrcityhall@frontier.com; k.peterson@cityofindex.org;
>> tmckinsey@tulaliptribes-nsn.gov; gtaylor@tulaliptribes-nsn.gov;
>> mikeleslie@tulaliptribes-nsn.gov; cliffjones@tulaliptribes-nsn.gov;
>> mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com;
>> bewood@snopud.com
>> Cc: Siddons , Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings,
>> Henry <Henry.Jennings@co.snohomish.wa.us>
>> Subject: Snohomish County Annual Capital Improvement Program (CIP) -
>> please review and revise water / wastewater section
>>
>> Hello all,
>>
>> It is that time of the year again - Snohomish County is reviewing and
>> updating its Capital Improvement Program (CIP) and needs your review
>> and updates to the water and wastewater sections. Please send me
>> your edits to the attached CIP by June 27, 2022 so that we can
>> integrate your comments in the updated CIP, and complete our internal
>> review in time for Planning Commission briefing in August and
>> September. After Planning Commission review the CIP goes before
>> County Council in October / November.
>>
>> The attachment contains the sections for water (highlighted sections
>> in
>> blue) and wastewater (highlighted sections in green).
>>
>> Thank you in advance to help us ensure the CIP will reflect the most
>> up-to-date and accurate information for your agency / jurisdiction.
>> Please let me know if you have any questions.
>>
>> Kind regards,
>>
>> Eileen
>>
>>
>>

>> Eileen Canola, CSBA | Senior Planner
>> Snohomish County Planning & Development Services
>> 3000 Rockefeller Avenue M/S 604 | Everett, WA 98201
>> 425-262-2253 |
>> eileen.canola@snoco.org<mailto:eileen.canola@snoco.org>
>>
>>
>
>
>

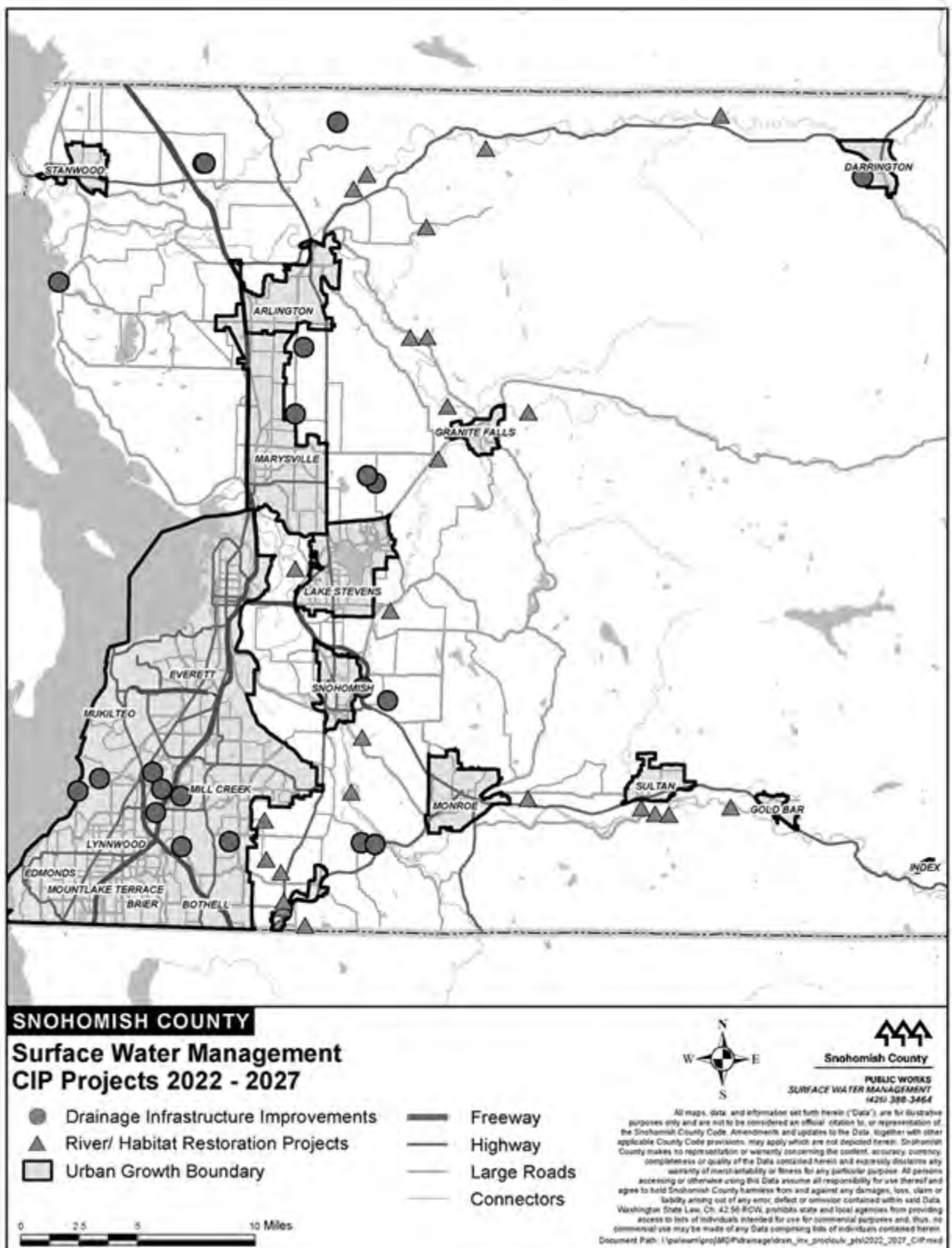
From: [Ojala, David](#)
To: [Canola, Eileen](#)
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission
Date: Friday, July 29, 2022 11:49:06 AM
Attachments: [image001.png](#)

I've update the dots and am asking Kit Crump and Lisa Tario to update the triangles – I will know more later this afternoon.

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>
Sent: Friday, July 29, 2022 10:21 AM
To: Ojala, David <David.Ojala@co.snohomish.wa.us>
Cc: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>
Subject: FW: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Hello David,

Happy Friday! I was wondering if you had a chance to update the SWM map for the CIP? Thank you.



From: Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>

Sent: Tuesday, July 26, 2022 3:24 PM

To: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Farris, Gregg

<GFarris@co.snohomish.wa.us>; Stockdale, Erik <Erik.Stockdale@co.snohomish.wa.us>; Keene,

Jennifer <Jennifer.Keene@co.snohomish.wa.us>

Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>; Ojala, David <David.Ojala@co.snohomish.wa.us>; Crump, Kit (Donald) <Kit.Crump@co.snohomish.wa.us>

Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

Eileen,

See attached for the SWM info doc and PP slide.

David Ojala will forward you the SWM CIP map sometime this week (it is being reviewed now).

Jim Blankenbeckler, P.E. | *SWM Engineering Manager*

[Snohomish County Department of Conservation and Natural Resources](#) | [Surface Water Management](#)

3000 Rockefeller Ave., M/S 607 | Everett, WA 98201

O: 425-262-2606 | C: 425-422-0764 | jim.blankenbeckler@snoco.org

From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Thursday, July 14, 2022 10:41 AM

To: Farris, Gregg <GFarris@co.snohomish.wa.us>; Blankenbeckler, James <Jim.Blankenbeckler@co.snohomish.wa.us>; Stockdale, Erik <Erik.Stockdale@co.snohomish.wa.us>; Keene, Jennifer <Jennifer.Keene@co.snohomish.wa.us>

Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew <Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

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Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>

Subject: FW: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission

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Eileen – Is there a deadline to get all of this to you?

Gregg Farris, P.E. | *Surface Water Utility Director*

[Snohomish County Conservation and Natural Resources](#) | [Surface Water Management](#)

3000 Rockefeller Ave., M/S 303 | Everett, WA 98201

O: 425-388-6454 | C: 425-508-8698 | F: 425-388-6455 | gfarris@snoco.org

REMOTE WORK OFFICE HOURS: Mon-Thu, 8:30 a.m. to 5:30 p.m., Fri 8:00 a.m. to 3:00 p.m.

IN-OFFICE HOURS: None

-

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-

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From: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>

Sent: Thursday, July 14, 2022 9:50 AM

To: Farris, Gregg <GFarris@co.snohomish.wa.us>

Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew

<Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

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Eileen Canola, CSBA | Senior Planner

Snohomish County Planning & Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2253 | eileen.canola@snoco.org

From: [Blankenbeckler, James](#)
To: [Canola, Eileen](#); [Farris, Gregg](#); [Stockdale, Erik](#); [Keene, Jennifer](#)
Cc: [Frolich, Laura](#); [Siddons, Matthew](#); [Jennings, Henry](#); [Ojala, David](#); [Crump, Kit \(Donald\)](#)
Subject: RE: RE: SWM's updates to annual CIP in preparation for August 23rd briefing to Planning Commission
Date: Tuesday, July 26, 2022 3:24:19 PM
Attachments: [SWM - CIP portion.docx](#)
[SWM slides-PC-Briefing.pptx](#)

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[Snohomish County Department of Conservation and Natural Resources](#) | [Surface Water Management](#)

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Cc: Canola, Eileen <Eileen.Canola@co.snohomish.wa.us>; Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>

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Gregg Farris, P.E. | *Surface Water Utility Director*

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Cc: Frolich, Laura <Laura.Frolich@co.snohomish.wa.us>; Siddons, Matthew

<Matthew.Siddons@co.snohomish.wa.us>; Jennings, Henry <Henry.Jennings@co.snohomish.wa.us>

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Eileen

Eileen Canola, CSBA | Senior Planner

Snohomish County Planning & Development Services

3000 Rockefeller Avenue M/S 604 | Everett, WA 98201

425-262-2253 | eileen.canola@snoco.org

From: Jennings, Henry
Sent: Tuesday, July 12, 2022 4:20 PM
To: JMcClellan@awwd.com; Boyd Benson; abenton@marysvillewa.gov; Kevin J. Hushagen; tmckinsey@tulaliptribes-nsn.gov; mikesleslie@tulaliptribes-nsn.gov; jottow@monroewa.gov; ray@ci.snohomish.wa.us; schuller@ci.snohomish.wa.us; nate.morgan@ci.sultan.wa.us; Jcowling@ci.mlt.wa.us; SHjert@ci.mlt.wa.us; thompsons50@outlook.com; Dianne Allen; R.norris@cityofgoldbar.us; Kklicker@3lwa.org; dkemmis@3lwa.org; mmflury@snopud.com; ksheneghan@snopud.com; bagehrke@snopud.com; bewood@snopud.com; steve.tolzman@kingcounty.gov; office@rooseveltwater.com; highlandwater@frontier.com; mjohnson@crossvalleywater.net; ray@highlandwaterdistrict.com
Cc: Canola, Eileen; Siddons, Matthew
Subject: Snohomish County Annual Capital Improvement Program (CIP) - please review and revise water / wastewater section

Good afternoon,

It is that time of the year again – Snohomish County is reviewing and updating its Capital Improvement Program (CIP) and needs your review and updates to the water and wastewater sections. This email is your second reminder to please send your updates and edits by June 27th so that we can integrate your comments in the updated CIP, and complete our internal review in time for Planning Commission briefing in August and September.

Thank you in advance to help us ensure the CIP will reflect the most up-to-date and accurate information for your agency / jurisdiction. Please let me know if you have any questions, or if you need any assistance formulating your edits or updates.

Thanks,

Henry Jennings | *Planner – Long Range Planning*
[Snohomish County Planning and Development Services](#)
3000 Rockefeller Ave., M/S 604 | Everett, WA 98201
425-262-2179 | Henry.Jennings@snoco.org
[he/him](#)

WATER UTILITY COORDINATING COMMITTEE

c/o SNOHOMISH COUNTY PLANNING & DEVELOPMENT SERVICES

3000 ROCKEFELLER AVENUE, M/S #604

EVERETT, WASHINGTON 98201

Wednesday, August 10, 2022

10:00 AM – 11:00 AM

Zoom Meeting: <https://zoom.us/j/96385192646>

Meeting ID: 963 8519 2646

Agenda

This WUCC meeting has been shortened to one hour so participants can catch the US EPA webinar “Lead and Copper Rule Revisions service line inventory guidance” that begins at 11:00 AM

To Register for the Webinar:

<https://register.gotowebinar.com/register/4829350162997442830>

WELCOME / Introductions

A. COUNTY

1. County CIP – Final Review - did we correctly capture your updates?
 - Here is the link: [Water-wastewater-fire-CIP-as of-8-5-22.docx](#)
 - **Deadline for final comments: August 15, 2022**
2. Summit for Capital Facilities Planning & 2024 Comprehensive Plan Update
 - **August 25th, 10:00am – 11:30am, via Zoom**
3. Water Code overview – This round of comments is due September 9, 2022

B. HEALTH

4. DOH update
5. SHD update

C. MEMBER DISCUSSION

6. North County water supply opportunities; strategic planning
7. Roundtable issues
8. Topics for future meetings – suggestions? Requests?

Meeting Dates for 2022:

November 9

Additional topics for Future Meetings:

1. Overview of Groundwater Under Influence of surface water (GWI)
2. Status of Seven Lakes Water Association's moratorium
3. Vulnerability assessment and emergency response plans (both the AWIA requirements and a review of current Mutual Aid Agreements and contact info)
4. Emergency response plan presentations—each meeting for the next couple years could include a 15 minute presentation (overview) by a member utility, followed by a 15 minute QnA round table
5. Manganese [potential] health concerns—discussion of policies/procedures for risk reduction
6. Asset management systems employed by member utilities
7. Data management systems employed by member utilities
8. Consider application of SnoCo “full build-out” parcel inventory to each member's water service area
9. Engaging inactive or formerly active utilities, e.g., Wilderness Ridge, Tatoosh, Stanwood, Seven Lakes, Tulalip, Three Lakes, Roosevelt, Sultan , Gold Bar, etc.
10. UCMR4 monitoring results--combined review
11. Other thoughts?

Contact Terri Strandberg, Snohomish County Department of Planning and Development Services, for further information if needed: (425) 262-2795 or terri.strandberg@snoco.org

Canola, Eileen

From: Strandberg, Terri
Sent: Friday, August 5, 2022 10:12 AM
To: Strandberg, Terri
Cc: Canola, Eileen
Subject: WUCC Meeting August 10, 2022 Agenda - PLUS - links to the Lead and Copper Webinar
Attachments: Water-wastewater-fire-CIP-as of-8-5-22.docx; WUCC Agenda - 08102022.docx

Hello Everyone –

Attached is the Agenda for the Aug. 10th WUCC meeting at 10:00am – 11:00 AM. Also attached is the latest draft of the County's CIP document for your review and final comments (due Aug 15th). There is also a link to this document under agenda item #1.

Note that this meeting will be shortened to one hour so that you will have a chance to catch the EPA webinar on Lead and Copper Rule Revisions.

Here is a link to the press release: [EPA Issues Guidance to Help Communities Locate Lead Pipes that can Contaminate Drinking Water | US EPA](#)

Here is the link to register for the Webinar: [Registration \(gotowebinar.com\)](#)

Terri Strandberg, Principal Planner
Snohomish County Planning and Development Services

Chapter V: Statement of Assessment on GMA Goal 12

The purpose of this statement of assessment is to determine if there are any probable funding shortfalls or regulatory inadequacies that could jeopardize implementation of the Snohomish County Comprehensive Plan or satisfaction of Goal 12 of the Growth Management Act (GMA) to provide adequate public facilities. As of this review, Snohomish County has found no probable funding shortfalls or regulatory inadequacies that could jeopardize implementation of the County's Comprehensive Plan or satisfaction of GMA Goal 12.

This statement of assessment examines those public facilities explicitly identified as necessary to support development in the County's 2015 Capital Facilities Plan (CFP), and listed in Table 5 below. A distinction is made between urban and rural development within the context of the GMA. Each capital facility may require different levels of service for different types (urban or rural) of facilities.

Table 5. Facilities Necessary to Support Development*

Public Facility	Necessary for Urban Development**	Necessary for Rural Development
Surface Transportation	Yes (public streets and transit routes)	Yes (public roads)
Surface Water Management	Yes	Yes
Park Land and Recreational Facilities	Yes (community park land and recreational facilities, neighborhood parks, trails, regional parks)	Yes (community park land and recreational facilities, trails, regional parks)
Public Water Supply System	Yes	No
Public Wastewater System	Yes	No
Fire Protection Service	Yes	No
Electric Power	Yes	Yes
Public Schools	Yes	Yes

*The 2015 CFP includes additional capital facilities and services (general government facilities, law and justice facilities, solid waste facilities, and airport facilities). The general government facilities, law and justice facilities, solid waste facilities, and airport facilities are included in the financial sections of the CIP but are not included in the statement of assessment because these facilities are not identified as necessary to support development.

** Urban development is considered development activity located inside an urban growth area.

Each facility necessary to support development is examined from three perspectives: the sufficiency of the capital improvement program(s) to achieve minimum acceptable levels of service (LOS); the adequacy of the funding that supports the CIP; and the adequacy of regulatory mechanisms to ensure that facilities expand in concert with development. All these facilities are supported by CIPs prepared and adopted by their respective purveyor agencies.

The relevant Snohomish County departments and non-County agencies for each facility have prepared facility-specific statements of assessment in Chapter V, Sections 5.1 and 5.2. This information is summarized in Table 6.

Table 6. Summary of Capital Facilities Statements of Assessment

	Surface Transportation	Park Land & Recreational Facilities	Surface Water Management	Public Water Supply	Public Wastewater Systems	Electric Power	Public Schools	Fire Protection Services
Are current minimum levels of service (LOS) being met?	Yes	Yes	Yes	DOH standards are being met	Ecology standards are being met	Yes	Yes	Yes
Funding is adequate for capital projects over the next six years	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Are there any projected funding shortfalls?	No	No	No	No	No	No	No	No
Corresponding minimum levels of service should be met over the next six years?	Yes	Yes	Yes	DOH standards expected to be met	Ecology standards expected to be met	Yes	Yes	Yes
Will regulatory measures appropriately ensure that new development will not occur unless the necessary facilities are available to support the development at the adopted minimum level of service?	Yes – Concurrency regulations	Yes – Impact fees also required	Yes	Yes – Developers generally pay directly for permitted infrastructure extensions ¹	Yes – Developers generally pay directly for permitted infrastructure extensions	Yes LOS is met under the requirements of service provider	N/A LOS is met under the requirements of service provider	Yes

¹Seven Lakes Water Association is limited on new water service connections due the nature of its water rights. Snohomish County is monitoring growth trends in this rural area of limited growth. The Town of Index currently has a moratorium on new connections pending the release of federal funds for a new meter. However, the Washington State Department of Ecology has authorized a small number of new services to be issued between now and when the moratorium can be lifted.

Part 5.2 – Assessment of Non-County Capital Facilities

Part 5.2a – Public Water Supply

Sufficiency of Capital Improvement Program

Public water supply and distribution facilities are provided by cities, special purpose districts, community associations and companies in Snohomish County. The Washington State Department of Health (DOH) has basic operational requirements and standards for all water supply systems. Each water system's comprehensive plan includes a description of the purveyor's system design standards. These standards typically address the design and performance of the transmission, storage, and distribution components, including facilities for storage and pressure maintenance. Standards for fire flow, for example, are a primary determinant of pipe size and pipe looping in the distribution system as well as for the size and location of reservoirs. Water system standards are influenced heavily by fire insurance ratings and DOH standards, although they are a matter of local choice. They apply to facilities built by a public water purveyor as well as to facilities built by developers and other private parties that are dedicated to a purveyor or connected to a purveyor's system. These standards generally constitute the LOS for the system.

Counties and cities are subject to the GMA and have effectively applied GMA standards to the review of water comprehensive plans. Water districts are not directly regulated by the GMA, but water district comprehensive plans are required to be consistent with County land use plans and are subject to review by the County and the cities they serve. Therefore, districts updating their comprehensive water plans routinely incorporate the appropriate city and County land use and population forecasts into their projections of future demand. This aids in achieving consistency between the County's land use plan and the district's system plan for water supply. The cities and districts that provide public water service to Snohomish County have a long and generally consistent record of preparing and implementing capital facility programs to serve demand. Future water system plan updates are compared with growth forecasts through the year 2035 adopted as part of the County's 2015 Comprehensive Plan.

The following table lists key water purveyors along with the year of their known most recent comprehensive water plan update and project year of the next plan update.

Table 8. Water Purveyors

Purveyor	Most Recent Comprehensive Water Plan	Next Plan Update Year
SOUTHWEST COUNTY		
Alderwood Water and Wastewater	2017	2023-2027
City of Bothell	2012	2022*
City of Edmonds	2017	2027
City of Everett	2020	2030*
City of Lynnwood	2019	2022
City of Mountlake Terrace	2019	2029
Mukilteo Water and Wastewater District	2016	2026
Olympic View Water and Sewer	2016	2027
Silver Lake Water and Sewer District	2017	2027

NORTH COUNTY		
City of Arlington	2017	2023
City of Granite Falls	2021	2027
City of Marysville	2017	2024
City of Stanwood	2015	2022
Northwest Water Services (formerly Tatoosh Water Company)	2014*	2020
Quil Ceda Village (Tulalip Tribes)	2013	2019
Seven Lakes Water Association	2013	2017
Town of Darrington	2001	2022
EAST COUNTY		
City of Gold Bar	2015	2021*
City of Monroe	2015	2021
City of Snohomish	2020	2030
City of Sultan	2019	2029
Cross Valley Water District	2013	2021
Highland Water Dist.	2016	2022
Roosevelt Water Assoc.	2014	2020*
Snohomish P.U.D. No. 1.	2011	2021
Startup Water District	2018	2023
Three Lakes Water Association	2019	2023
Town of Index	1999	Pending

* Plan update is currently in process.

** An extension has been granted by the Department of Health.

The North Snohomish County Coordinated Water System Plan (CWSP) coordinates public water provisions between the Snohomish Health District, Snohomish County, and the various public water purveyors in the service area. The service area covered by the CWSP include much of the unincorporated area outside of the Southwest UGA and west of the national forest land. This area includes many smaller “Group A” water purveyors, or those that have 15+ connections or 25+ people per day for 60 or more days. The CWSP serves as the County’s adopted coordinating document guided by RCW 70.116 and WAC 246-293. The document includes an inventory of the number of approved and actual system connections for each purveyor. Revisions to the North Snohomish County Coordinated Water System Plan (CWSP) were completed in December 2010 and approved by DOH in January 2011. The CWSP is available as an appendix in the County’s 2015 Comprehensive Plan.

Funding Adequacy

Each water purveyor’s system plan typically includes a six to ten-year capital improvement program (CIP) that corresponds to the “financing plan” required by the GMA. The CIP for the water system is like those adopted by counties and cities – it identifies projects, costs, and funding sources to carry out the plan over the chosen time period.

There are two primary sources of construction funds for large water system projects constructed by the purveyor: 1) utility local improvement district (ULID) financing that derives from special property tax assessments levied against owners within a defined district or benefit area, and 2) revenue bonds backed by regular rate charges and hook-up fees levied against all system customers. These primary sources may be supplemented by other funds, such as those from state grants and loans, the Public Works Trust Fund and other locally generated sources. ULIDs typically fund projects associated with the geographical expansion of the system into a developed, but previously un-served area. Revenue bonds are typically used to fund all other types of district projects not provided by private developers.

Operating funds may also be used to fund smaller projects or capital replacement and maintenance programs for the distribution pipe system.

Utility funds are usually a reliable source of funding, and the purveyors in Snohomish County have all been operating their utilities for many years. The most recent comprehensive water plans approved by DOH do not indicate any reason to expect that any district or city will experience a probable funding shortfall that could jeopardize achievement of minimum LOS standards. Water purveyors typically plan ample lead time to secure funding before any anticipated funding limitations occur.

Major capital facilities improvements are potentially a funding challenge for smaller cities and districts. Various water purveyors are constantly assessing the need for capital improvements to continue to support demand. A recent trend we have seen is the need for rural water purveyors to improve their infrastructure driven by the need for storage capacity as well as general system updates and upgrades. Two water associations, Seven Lakes and Roosevelt, currently have reservoirs under construction to serve rural customers.

Adequacy of Regulatory Mechanisms

State statute RCW 58.17.110 requires that local authorities review subdivision applications to determine that adequate provisions are made for a variety of public facilities, including potable water supply. To this end, Snohomish County, through Chapter 30.41A SCC and other applicable County code provisions, requires development applications to demonstrate that a source of potable water is capable of serving the proposed development. A letter to the County is generally required from the purveyor stating that the water system is available and capable of serving the proposal if the area is within the district or service boundaries of a public water system. This assures not only that public or potable water supply is available, but that any expansion of the distribution system for new development will meet the purveyor's construction and maintenance standards. Most areas within the established urban growth area (UGA) boundaries, and many rural areas, are within water system service areas.

Currently, the Town of Index is the only water purveyor known to have a moratorium on new water service connections. The Town of Index is currently updating its Water System Plan, and during that process determined that their source meter is not reading correctly. Engineering assumptions used for water usage put Index as potentially exceeding their water right, a moratorium is in place while Index seeks funds for a new source meter. In 2019 the Department of Ecology denied the application of Seven Lakes Water Association which serves north Snohomish County, north of the Tulalip Indian Reservation and west of the City of Marysville, to receive additional water rights. The area served by Seven Lakes Water Association is zoned for rural uses. The Land Use Element of the Snohomish County Comprehensive Plan establishes land use policies that provide for limited growth in rural areas, including goals, objectives, and policies to reduce the rate of growth. The Snohomish County Tomorrow 2020 Growth Monitoring Report indicates that population growth since 2011 has generally been in line with the 2011-2035 growth share expectations for the non-UGA subarea. Snohomish County will continue to monitor growth trends and does not recommend reassessment at this time.

A city or district is generally required under state law to update a comprehensive system plan when it needs to construct a water supply facility - transmission line, treatment facility, pump station, etc. - that is not accounted for in its current system plan. These facilities may be needed to accommodate unanticipated growth or growth occurring beyond the current plan's horizon year in response to changes in state water quality regulations or to address any other source of demand on the system. DOH requires system plans in the growing areas of the county to be updated (and approved by DOH)

every six or ten years.

Applicants accessing water from wells are required to demonstrate that ground water is available in adequate supply without impacting senior water rights. Water quality reviews for well system development proposals outside UGA boundaries or defined water service areas are performed by the Snohomish County Health District. The *Whatcom County v Hirst, Futurewise, et al. (2016)* Washington State Supreme Court decision has resulted in legislation that requires a higher level of coordination with rural water purveyors at the time of development application. Specific requirements vary by water resource inventory area, but there is now a requirement that a water purveyor affirm that it is infeasible for timely water service to be provided to a site prior to the issuance of a building permit relying on a private well for water. The regulatory impacts of this decision are still in the process of being fully realized and implemented at the county level.

Statement of Assessment

The City of Everett serves as a regional water supplier through its major supply, treatment, and transmission facilities in the Sultan watershed. The Everett water system serves much of urbanized Snohomish County and the City of Everett hosts the Everett Water Utility Committee (EWUC) for water purveyors purchasing city water in the south and eastern areas of Snohomish County. The centralized Everett water system results in more unified facility and performance standards among its customers. The City of Everett holds water rights that ensure adequate water supply for county residents and businesses in its service areas for many years to come.

Several other jurisdictions or districts also maintain, in part or in whole, their own separate water supply: Arlington, Marysville, Sultan, Stanwood, Darrington, Gold Bar, Index, Snohomish County PUD (Public Utility District), Startup, Cross Valley and Olympic View. The Town of Index currently has a moratorium on new connections pending the release of federal funds for a new meter. However, the Washington State Department of Ecology has authorized a small number of new services to be issued between now and when the moratorium can be lifted. A small portion of the Southwest UGA is also served by the City of Seattle through Olympic View Water and Sewer District. The City of Bothell also purchases water from the City of Seattle. State law and County code allow the County to ensure that adequate provisions are made for public water supply systems within the UGAs, and such provisions are being made.

Snohomish County and the north county water purveyors meet on a regular basis via the Water Utility Coordinating Committee (WUCC) for the North Snohomish County Coordinated Water System Plan, and in joint meetings with wastewater service providers to discuss potential infrastructure problems that could result from future land use decisions.

The public water supply systems overall appear to be positioned to support the growth anticipated in the comprehensive plans of the cities and the County. Aging infrastructure and potential impacts of climate change, as more information becomes known, are variables that are being considered for impacts on public water supply in and beyond the six-year CIP horizon and through the next update to the Capital Facilities Plan in 2024.

Part 5.2b – Public Wastewater Systems

Sufficiency of Capital Improvement Program

Wastewater collection and treatment is considered a public facility necessary to support urban development. The connective nature of wastewater systems, and the impact of topography on gravity-reliant mains, as well as increasing regulations on treatment plants, makes wastewater services relatively expensive for households. In addition, the reality that suburban and urban development requires sewer systems means that drawing wastewater service boundaries is a significant growth management issue in Snohomish County and elsewhere. The Washington State Department of Ecology (Ecology) has basic operational requirements and standards for all wastewater systems and treatment facilities. Each wastewater system's comprehensive plan also includes a description of the system's design standards. These standards primarily address collection systems, including facilities built by a public wastewater system as well as facilities built by developers and other private parties that are dedicated to a public wastewater system or connected to its system. These operational requirements and standards generally constitute the level of service (LOS) for the system.

Wastewater systems fall into two broad categories: dedicated sanitary systems, and combined systems. The former systems are designed to handle only sanitary wastes from homes and businesses, although groundwater (Inflow and Infiltration) does seep into the pipes through illegal surface water connections as well as cracks and joints. Combined systems are designed to also handle surface water runoff during major storm events. Again, the agency sets standard for construction and maintenance of these facilities, whether sanitary or combined.

The treatment plants are considered "essential public facilities" within Snohomish County pursuant to the Growth Management Act (GMA). This service is provided by cities and special purpose districts. A city or district will generally update a comprehensive system plan when it needs to construct a facility - trunk sewer, treatment facility, lift station, etc. - not accounted for in its current system plan. An operating agency must begin preliminary design on the expansion of the plant's capacity when a treatment facility reaches 85% of its rated capacity under its National Pollutant Discharge Elimination System (NPDES) permit. Therefore, formal system plans tend to be done on an irregular basis and is based on the growth rates in specific UGA's. Most plans are updated at least once every seven to 10 years, but, unlike with water purveyors, there is not an established timeline for plan updates.¹

Each comprehensive wastewater system plan includes a capital improvement program. Most current system plans have followed GMA guidelines and specifications although special districts are not directly subject to the GMA. District plans are subject to review by the cities they serve and approval by Snohomish County. The County and cities are bound by the GMA and have effectively applied GMA planning standards to the review of these plans. Special districts have now generally all prepared comprehensive wastewater plans that have incorporated the appropriate city and County land use and population forecasts into their projections of future wastewater flows. Future wastewater system plan updates will be compared with growth forecasts through the year 2035 adopted as part of the Snohomish County 2015 Comprehensive Plan, and planning is underway for the 2024 update to the County's comprehensive plan.

The following table lists key wastewater purveyors along with the year of their known most recent

³ WAC 173-240-030 requires sewer plans be submitted prior to constructing or modifying wastewater facilities. Sewer line extensions, including pump stations, can be exempted from separate plan submittals so long as information demonstrating the extensions conformance with the general sewer plan is submitted to the Department of Ecology.

comprehensive wastewater plan update and project year of the next plan update.

Table 9. Wastewater Purveyors

Purveyor	Most Recent Comprehensive Wastewater Plan	Next Plan Update
SOUTHWEST COUNTY		
Alderwood Water and Wastewater District	2017	2023-2027
City of Bothell	2018	TBD*
City of Brier	2019	TBD*
City of Edmonds	2013	TBD*
City of Everett	2015	2023
City of Lynnwood	2012	2022**
City of Mountlake Terrace	2003	2019
King County	2013 (RWSP review); 2017 (CSI update)	TBD*; 2027
Mukilteo Water and Wastewater District	2018	2028
Olympic View Water and Sewer District	2007 (amendment submitted in 2019 for docket)	2023
Silver Lake Water and Sewer District	2019	2028
NORTH COUNTY		
City of Arlington	2017	2025
City of Granite Falls	2018	TBD*
City of Marysville	2011	TBD*
City of Stanwood	2015	2022
Tulalip Tribes	2004	TBD
EAST COUNTY		
City of Monroe	2015	2021
City of Snohomish D.P.W.	2010	2021
City of Sultan	2019	2029
Cross Valley Water District	2010	2021
Lake Stevens Sewer District	2019	2022

* Wastewater purveyors are required to update comprehensive plans based on treatment capacity needs, and do not have the same requirement that water purveyors have to update comprehensive plans on a 10-year cycle.

**Comprehensive plan update currently underway

Funding Adequacy

Each wastewater system plan typically includes a six to ten-year financing plan (or CIP) as required by the GMA. Each CIP is like those adopted by counties and cities in that they identify projects, estimated costs, and funding sources. Wastewater facilities are funded through one or more of the following methods: 1) Property developers build (and pay for) new mains and lift stations needed to serve a subdivision or commercial property, and dedicate the new facilities to the wastewater agency to maintain, or 2) the agency collects a “connection charge” from developers who want to connect to the system, so that “growth pays for growth,” and these revenues are available for system improvements beyond the bounds of the development, or 3) the agency may pay for system improvements with available cash accumulated from ratepayer income, or 4) the agency may issue revenue bonds backed by ratepayer revenues, or 5) a utility local improvement district (ULID) may be established to collect special property tax assessments levied against owners within a defined district or benefit area, typically to shift an established neighborhood from septic systems to sewers. These primary sources may be supplemented by other funds, such as those from state grants and loans and other locally generated sources. Other potential funding sources for wastewater service providers are the Public Works Trust

Fund, State Revolving Funds and water reclamation, i.e., revenue from distributing reclaimed water.

The cities and districts that serve unincorporated urban growth areas (UGAs) have capital improvement programs that call for upgrades, expansions, and extensions of the major system components – trunk lines, lift stations, and treatment facilities. These plans indicate that the system providers should be able to stay ahead of the projected service demands on their facilities. Several wastewater purveyors and sewer system managers will be conducting rate studies in the coming years based on capacity limitations to accommodate growth and to determine if a rate increase is warranted.

Adequacy of Regulatory Mechanisms

State statute RCW 58.17.110 requires that local authorities review plat applications to determine that adequate provisions are made for a variety of public facilities, including “sanitary wastes.” Snohomish County, through provisions of County code, requires development applications within urban areas to demonstrate that a public wastewater collection system is available and capable of serving the proposed development with a limited number of exceptions provided in Chapter 30.29 SCC. A letter is generally required from the purveyor stating that the sewer purveyor whose district the proposed development is located has sufficient system capacity to serve the additional demand expected from the proposal. These reviews provide a failsafe to assure that public sewerage infrastructure and treatment systems are available and that the expansion of the system into the new development will meet the purveyor’s construction standards. Developments within UGAs generally obtain such assurances from sewer purveyors except in limited instances. Some areas of the county are within “un-sewered” urban enclaves where sewer service is not currently available and the nearest purveyor is unable to provide timely service. Occasionally, the rate of development has prompted a district or city to temporarily impose a hook up moratorium.

Statement of Assessment

The Brightwater Treatment Plant is in the Maltby area of south Snohomish County. Owned and operated by King County, it treats wastewater from a significant portion of southern Snohomish County as well as portions of south King County. Brightwater has a capacity to treat an average of 36 million gallons per day (mgd). In the future, treatment capacity may be expanded to 54 mgd to help serve the north and northeast portions of the plant’s service area, including southern Snohomish County. Elements of this expansion are expected to begin by 2025 and continue into the 2030s. The service area includes much of the areas served by the Alderwood Water and Wastewater District and Cross Valley Water District and a lesser portion of the Silver Lake Water and Sewer District. Approximately 20% of Silver Lake Water and Sewer District’s service area when fully developed would discharge sewer flows to the Alderwood Drainage Basin for treatment by King County.

King County owns and operates three trunk sewer interceptors in Snohomish County: Swamp Creek, North Creek and Bear Creek Trunks. The interceptors receive sewage flows from local wastewater service providers, including Alderwood Water and Wastewater District. In 2019, King County completed the North Creek Interceptor project to increase the system capacity and reliability thereby addressing overflows that had occurred since 2012. The 2017 Conveyance System Improvement Plan Updated identified medium priority capacity needs and conceptual projects for the North Creek Trunk and the Swamp Creek Trunk and did not identify a capacity need for the Bear Creek Trunk. These conceptual projects are estimated for project completion in the 2040-2050 timeframe.

Everett’s Water Pollution Control Facility (EWPCF) is a regional wastewater treatment that provides service for the following entities: Everett, Mukilteo WWD, Silver Lake WSD, and Alderwood WWD. The

plant, which services some of the potential locations of future light rail stations, is located on a 350-acre land parcel owned by Everett on Smith Island, east of the Snohomish River and is bordered by Interstate 5 to the west, Snohomish River to the south, and Union Slough to the east. A dike system protects the plant, located within the Snohomish River flood plain, from flooding. The EWPCF is designed for a maximum month design flow of 40.3 mgd. Everett provides effluent pumping services to the deep-water outfall for City of Marysville during summer low-river flow months (July through October) each year. During these months the Marysville Wastewater Treatment Plant conveys effluent through a 36-inch Port Gardner Bay Outfall pipe across the Ebey, Steamboat, and Union Sloughs and then through twin 26-inch pipes to the City of Everett's South End Pump Station (SEPS). From there it is discharged to the outfall in Puget Sound.

There have been significant improvements in the Lake Stevens wastewater system over the years. The most notable improvement has been the relocation of the main sewage treatment facility to an area outside the floodplain (east of the Sunnyside area). This project was completed and placed into service in 2012. The design of the new treatment plant was modeled after the processes within the Brightwater plant. There are currently three moratoria basins in the Lake Stevens wastewater system. One capital improvement project, which was recently completed is the first phase of a solution to lift all three. The Sewer District is studying the areas in moratorium to determine the capacity impact of the capital project and may be able to lift all three. Due to rapid growth, the District may have to issue bonds in the 2022-2027-time frame to finance an upgrade to the wastewater treatment plant due to hydraulic capacity limitations. It is anticipated that the District's wastewater treatment facility will reach the 85% capacity planning threshold in 2023 or 2024. The treatment plant may near the 5.1 mgd capacity due to the rapid growth in population.

Snohomish County and the wastewater purveyors meet on a regular basis to discuss potential sewer infrastructure problems that could result from or impact future land use decisions. Isolated capacity issues in parts of sewer systems in Stanwood are being addressed. Granite Falls continues to experience a moratorium on certain development activities and sewer connections due to capacity issues. The city's 2018 Wastewater Facilities Plan (Plan) was adopted by the Granite Falls City Council in 2019. The Plan establishes the basis for upgrades and the expansion of the existing wastewater treatment facility. The existing wastewater treatment facility does not have capacity to adequately treat the wastewater projected flows and loadings due to population growth. In addition, a recent TMDL placed upon the Pilchuck River will require additional upgrades to the plant to achieve water quality compliance. Before completion of the upgrades and expansion projects, and before any increase in effluent loading limits is permitted, the City of Granite Falls must complete a Tier II Antidegradation Analysis and it must complete plans to address various parameters associated with the effluent (BOD₅, temperature, and phosphorus). Therefore, the City is actively seeking assistance for funding through various different agencies. The County will need to monitor the situation, but no reassessment action is required at this time.

One countywide wastewater issue of concern is a proposal by the state Department of Ecology to require facilities sending effluent to Puget Sound to meet nutrient reduction standards currently under development. Since those regulations are yet unknown, agencies do not know whether they will be able to comply through operational changes or by making minor facility improvements, or whether significant capital improvements will be needed. It is also possible that changing facility operation to reduce nutrients in the effluent will reduce the plant's effective capacity. This in turn could necessitate major capital construction to add capacity. Lacking such improvements, agencies may not be able to

provide the minimum service levels prescribed in its plan due to a reduction in capacity, thereby necessitating a moratorium on connections. The County will continue to monitor the development of new nutrients reduction standards and the potential impacts on sewer capacity and funding needs that may result.

Some of these eventualities could require agencies to raise significant amounts of capital resources. Given the condition of the State Public Works Trust Fund and the State Budget, it is likely that such funding will have to be raised locally. This would in most cases mean selling revenue bonds, requiring potentially significant increases in customer rates.

Part 5.2c – Fire Protection Services

Sufficiency of Capital Improvement Program

Fire districts are not required by the Growth Management Act (GMA) to prepare long range plans. However, most fire districts use their annual budgeting process to anticipate and plan for any capital improvement needs. Construction of new fire stations is often funded by bonds approved by district residents which are retired through property tax revenues.

Service level standards for fire protection are frequently expressed in terms of response times, equipment capacity, personnel training, and fire flow. However, there is great variation for many of these standards based on the intensity of development they serve and differences in each agencies' organizational structure and equipment. Water system fire flow protection serves as a consistent metric for minimum levels of fire protection service, regardless of which agency provides service. Each water system's comprehensive plan includes a description of the purveyor's system design standards. Standards for fire flow are a primary determinant of pipe size and pipe looping in the distribution system as well as for the size and location of reservoirs. Overall water service standards are influenced heavily by fire insurance ratings and Department of Health (DOH) standards, although they are a matter of local choice. Actual fire flow standards, however, are established by County code and administered by the Snohomish County Fire Marshal's Office (FMO).

Snohomish County has designated fire protection service infrastructure as necessary to support urban development. The minimum fire protection service LOS is the provision of sufficient fire flow in order to provide protection commensurate with planned intensities of future development adopted in the comprehensive plan. The LOS applies to urban facilities built by a special purpose water district as well as to facilities built by developers and other private parties that are dedicated to a water district or connected to a water district's system.

Funding Adequacy

Funding adequacy that maintains minimum LOS for fire protection services comes via water purveyors in Snohomish County. Each water purveyor's comprehensive system plan typically includes a six to ten-year capital improvement program (CIP) that corresponds to the "financing plan" required by the GMA. The CIP is similar to those adopted by counties and cities – it identifies projects, costs, and funding sources to carry out the plan over the chosen time period.

Water purveyors, either municipal or water district, typically require private developers to fund the cost of pipes and distribution systems that deal with urban area fire flow. Storage facilities, which also affect fire flows and durations, are generally the responsibility of the purveyor. Revenue bonds are typically used to fund these and all other types of district projects not provided by private developers. Operating funds may also be used to fund smaller projects or capital replacement and maintenance programs for the distribution pipe system.

The most recent comprehensive water plans approved by the DOH do not indicate any reason to expect that any district or city will experience a funding shortfall that could jeopardize achievement of minimum LOS standards for fire protection services.

Adequacy of Regulatory Mechanisms

The FMO helps to provide safe, livable environments through inspections, investigations, and education. The FMO provides fire inspection and fire investigation services to unincorporated areas of the county and to other jurisdictions on contract basis. Snohomish County does not directly provide any fire suppression services. In addition to municipal fire departments, there are several fire districts and two regional fire authorities. All fire service providers within Snohomish County supply basic emergency medical service (EMS) and fire suppression services.

Snohomish County General Policy Plan – Goal CF 11 provides the basis for establishing fire service protection minimum LOS: “Water supply systems shall provide sufficient fire flow, as established by County development regulations, in order to provide protection at a level of service commensurate with the planned intensity of future development adopted in the comprehensive plan.”

Standards for fire flow are determined and enforced by the local fire marshal then implemented by the water purveyor. The practical basic operational requirements for fire protection service are from SCC 30.53A.514(3) - Fire protection water supply:

“(3) A water supply shall consist of reservoirs, pressure tanks, elevated tanks, water mains or other fixed systems capable of providing the required fire flow. Required water supply for fire protection shall include:

- (a) An approved water supply capable of supplying the required water flow for fire protection shall be provided to premises upon which facilities, buildings or portions of buildings are hereafter constructed or moved into or within the jurisdictions.
- (b) All land upon which buildings or portions of buildings are or may be constructed, erected, enlarged, altered, repaired, moved into the jurisdiction, or improved, shall be served by a water supply designed to meet the required fire flow for fire protection as set out in appendix B of the IFC, except that fire flow requirements for rural areas outside of an Urban Growth Area shall be reduced by 25 percent. Fire flow requirements for structures with a supervised fire alarm system connected to an Underwriters Laboratory, Inc. approved fire alarm center may be reduced by an additional 25 percent.
- (c) Prior to final approval of any subdivision or short subdivision, written verification by the water purveyor of actual fire flow, calculated in accordance with appendix B of the IFC, shall be provided to the fire marshal for review and approval.
- (d) Prior to combustible construction of a single-family detached unit (SFDU) project the developer shall provide a final certificate of water availability indicating that all hydrants have been installed, charged and are operational. The hydrants shall provide a minimum 1,000 gpm for a 1-hour duration at 20 psi.

Exemptions: Except as provided in IFC section 507, the following permits and approvals are exempt from the water supply and fire hydrant requirements of this chapter:

- (1) Subdivisions and short subdivisions in which all lots have a lot area of 43,560 square feet (one acre) or more in size;
- (2) Building permits for structures classified by the building code as Group U occupancies (agricultural buildings, private garages; carports and sheds) that are restricted to private residential use only, provided that riding arenas or other agricultural type structures used or accessed by the public shall not be exempt;
- (3) A building permit for a single-family detached dwelling, duplex, or mobile home to be placed on a lot with a lot area of 43,560 square feet (one acre) or more in size; and

(4) Mobile home permits for mobile homes in established mobile home parks.”

Each water system comprehensive plan includes a description of the purveyor’s system design standards. These standards address the design and performance of the system’s transmission, and distribution components, including facilities for storage and pressure maintenance, all of which directly affect fire flow.

Statement of Assessment

The Snohomish County 2015 Capital Facilities Plan identifies fire service as necessary to support *urban* development, and therefore a minimum LOS has been established for fire service in urban areas. Adequate water system fire flow must be provided regardless of which fire district or municipality provides fire suppression service to an urban area. Fire flow and sprinkler requirements are established in the building and fire codes adopted by the County. Therefore, the minimum LOS is technically provided and maintained by water purveyors. None of the current comprehensive water plans report any difficulties meeting current fire flow standards.