

# **BUDGET MANAGEMENT REPORT QUARTER 1 2024**



**King County**

**KING COUNTY  
OFFICE OF PERFORMANCE, STRATEGY  
AND BUDGET**

**Budget Management Report**  
**1<sup>st</sup> Quarter, 2024**

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**2024 1st Quarter Budget Management Report**  
**Funds and Appropriations Monitored in 1st Quarter of 2024**

<b>Fund/Appropriation</b>	<b>Fund Description</b>
000000010	CURRENT EXPENSE SUB-FUND
000001080	DCHS ADMINISTRATION
000001110	EMERGENCY TELEPHONE E911
000001120	BEHAVIORAL HEALTH
000001180	LODGING TAX
000001210	WLRD SHARED SERVICES FUND
000001350	DEPARTMENT OF LOCAL SERVICES
000001411	RAINY DAY RESERVE FUND
000001421	COMMUNITY SERVICES OPERATING
000001561	FLOOD CONTROL OPERATING CONTRACT
000001800	PUBLIC HEALTH
000001850	ENVIRONMENTAL HEALTH
000002460	HOUSING AND COMMUNITY DEVELOPMENT
000002465	HCD RENTAL ASSISTANCE
000002466	2021 LTGO BOND HCDF2460
000003151	CONSERV FUTURES SUB-FUND
000003170	ENHANCED 911 EMERGENCY COMMUNICATION SYSTEM
000003522	OPEN SPACE KING COUNTY NON-BOND FUND SUBFUND
000003571	KING COUNTY FLOOD CONTROL CAPITAL CONTRACT
000003673	CRITICAL AREAS MITIGATION
000003691	TRANSFER OF DEVELOPMENT RIGHTS BANK
000003860	ROADS CAPITAL
000004531	INSTITUTIONAL NETWORK OPERATING
000005420	SAFETY & WORKERS' COMP
000005500	EMPLOYEE BENEFITS PROGRAM
000005520	RISK MANAGEMENT
000005531	DEPARTMENT OF INFORMATION TECHNOLOGY OPERATING
GF APP	OFFICE OF EQUITY AND SOCIAL JUSTICE
GF APP	MEDICAL EXAMINERS OFFICER
GF APP	DJA
GF APP	SUPERIOR COURT

2023-2024 General Fund (10) Financial Plan (in millions)  
Summary includes Inmate Welfare (16) and Goat Hill Garage Operations (1415) subfunds as reported in ACFR

	2021-2022 Actuals*	2023-2024 Adopted Budget*	2023-2024 Current Budget	2023-2024 Biennial-to-Date Actuals	2023-2024 Estimated	2025 Projected	2026-2027 Projected	Diff: Actuals to Current Budget	BTD Actuals as Percent of Current Budget	Diff: Estimated to Current Budget	Estimated as Percent of Current Budget
BEGINNING FUND BALANCE	174.2	225.9	291.8	291.8	291.8	198.4	126.3	0.0	100%	0.0	100%
REVENUES*											
Property Tax*	785.2	821.2	829.6	431.4	829.6	430.8	891.8	(398.2)	52%	0.0	100%
Sales Tax*	364.7	381.2	397.1	210.1	397.1	208.2	448.7	(187.1)	53%	0.0	100%
Federal Revenue	199.7	113.6	89.6	42.5	89.6	8.1	15.2	(47.1)	47%	0.0	100%
State Revenue	52.1	43.7	49.7	29.3	49.7	24.2	48.4	(20.3)	59%	0.0	100%
Fines, Fees, Transfers	174.8	178.6	203.1	107.5	203.1	81.0	163.6	(95.5)	53%	0.0	100%
Charges for Services	584.5	660.7	668.5	343.8	668.5	349.2	726.7	(324.8)	51%	0.0	100%
Other Taxes	17.4	11.0	9.1	4.9	9.1	6.9	13.3	(4.2)	54%	0.0	100%
Interest	15.2	31.4	51.8	24.9	51.8	17.5	27.0	(26.9)	48%	0.0	100%
General Fund Revenues	2,193.6	2,241.3	2,298.6	1,194.5	2,298.6	1,126.0	2,334.7	(1,104.2)	52%	0.0	100%
EXPENDITURES											
Justice and Safety	1,429.7	1,677.4	1,677.4	1,017.1	1,677.4	872.8	1,820.6	(660.4)	61%	0.0	100%
Administration/General Government	363.1	446.2	446.2	262.4	446.2	195.9	408.7	(183.7)	59%	0.0	100%
Public Health	81.4	81.1	81.1	50.3	81.1	41.7	87.0	(30.8)	62%	0.0	100%
Debt Service	66.2	66.1	66.1	21.5	47.0	41.4	88.5	(44.7)	32%	(19.2)	71%
Elections	46.5	50.8	50.8	34.9	50.8	30.9	58.7	(15.9)	69%	0.0	100%
Human Services	63.1	52.8	52.8	44.0	52.8	23.8	44.3	(08.8)	83%	0.0	100%
Physical Environment	11.2	19.5	19.5	11.7	19.5	10.9	22.8	(07.8)	60%	0.0	100%
Supplementals/Carryover/Reappropriations	0.0	0.0	76.0	0.0	86.6	0.0	0.0	(76.0)	0%	10.6	114%
Underexpenditures*	0.0	(47.0)	(47.0)	0.0	(57.0)	(24.5)	(50.8)	47.0	0%	(10.0)	121%
General Fund Expenditures	2,061.2	2,346.9	2,422.9	1,441.8	2,404.3	1,193.0	2,479.7	(981.1)	60%	(18.5)	99%
Other Fund Transactions *	21.8	10.2	(12.4)	0.0	(12.4)	5.2	5.2			0.0	100%
Ending Fund Balance	291.8	110.1	179.9	44.5	198.4	126.3	(23.9)			18.5	110%
DESIGNATIONS AND SUBFUNDS *											
Designations	3.9	3.0	3.6	3.6	3.5	3.3	2.9			(0.1)	97%
Subfund Balances	1.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
EXPENDITURE RESERVES											
Carryover and Reappropriation	10.2	10.3	10.3	0.0	10.3	5.2	10.5			0.0	100%
Credit Rating Reserve*	3.7	4.3	4.3	4.3	4.3	4.9	6.1			0.0	100%
Executive Contingency	0.1	0.1	0.1	0.1	0.1	0.1	0.1			0.0	100%
South Park Bridge Post Annexation Operations	0.0	0.0	0.0	0.0	0.0	0.0	2.0				
Reverse FMV GAAP Adjustment*	(12.4)	0.0	0.0	0.0	0.0	0.0	0.0			0.0	
Jail Diversion and Reentry Hub Reserve	1.4	0.0	0.0	0.0	0.0	0.0	0.0				
Public Safety Alternative Investments Reserve	0.5	0.0	0.0	0.0	0.0	0.0	0.0				
Trial Court Improvement Account Reserve	1.0	1.5	1.3	1.3	1.2	1.5	2.0				
Criminal Justice Expense Reserve*	7.4	2.8	2.4	0.0	0.0	0.0	0.0				
COVID Response Reserve*	42.5	0.0	0.0	0.0	0.0	0.0	0.0				
Risk Reserve*	155.4	26.2	108.5	108.5	108.5	45.9	59.8			0.0	100%
Reserves	214.6	48.3	130.4	117.7	127.8	60.8	83.4			(2.6)	98%
Ending Undesignated Fund Balance*	77.1	61.8	49.5	(73.2)	70.6	65.5	(107.3)			21.1	143%
6% Undesignated Fund Balance Minimum	57.9	53.0	53.0	53.0	53.0	49.1	51.6			0.0	100%
Over/(Under) 6% Minimum	19.3	8.8	(3.5)	(122.0)	17.7	16.4	(158.9)			21.1	-509%
Over/(Under) 8.0%	0.0	(8.8)	(21.1)	(139.7)	0.0	0.0	(176.1)			21.1	0%
Rainy Day Reserve	24.7	22.6	22.6	26.2	26.2	27.0	28.6			3.6	116%

## 2023-2024 General Fund Financial Plan Footnotes

- 2021-2022 Actuals reflects PSB's best estimate of total biennial revenues and expenditures through 12/31/2022.
- 2023-2024 Adopted Budget is consistent with the budget system of record (PBCS).
- Revenue estimates for 2023 - 2027 are based on forecasts adopted by the Forecast Council or interim forecasts published by the Office of Economic and Financial Analysis (OEFA), whichever have been most recently updated, and revenue estimates provided by General Fund appropriation units. The percentages below are the expected percent change over the prior budget cycle. The rates shown are annualized to be able to show the impact of the one-year budget in 2025.

	2023-2024	2025	2026-2027
Property Tax	As estimated	2.3%	2.3%
Sales Tax (including sales tax dedicated to criminal justice)	As estimated	3.4%	5.0%
All Other*	As estimated	-8.4%	1.4%
Blended Revenue Growth Rate	As estimated	-2.4%	2.4%

\*Other revenues are projected to fall in 2025 assuming federal COVID relief and state funding for the Blake decision response both end.

- Property Tax forecasts for 2023 - 2027 are based on March 2024 OEFA forecast adopted by the Forecast Council and assume the current property tax structure.
- Sales Tax forecasts for 2023 - 2027 are based on the March 2024 forecast provided by OEFA.
- Expenditure estimates for 2025 and 2026-2027 are based on the following assumptions. The percentages indicate the expected percentage change over the previous budget cycle and are shown as annual average growth rates to accommodate the one-year budget cycle in 2025.

	2023-2024	2025	2026-2027
CPI (Seattle July to June CPI-U)	As estimated	2.7%	2.7%
Blended Labor	As estimated	6.2%	2.8%
Operating GF Transfers	As estimated	2.7%	2.7%
Blended Operating Growth Rate*	As estimated	-2.9%	2.8%

\*Operating expenditures are projected to fall in 2025 on the assumption that the County will discontinue all federally supported COVID response programs and the *Blake* response actions will be complete.

- CIP General Fund Transfer budget and outyear assumptions (in millions)

	2023-2024	2025	2026-2027
Building Repair and Replacement	3.7	1.9	3.9
GF-backed IT Projects	2.3	1.2	2.5
Expenditure of Designated Fund Balance	-	-	-
Total	6.0	3.1	6.4

- The debt service schedule for 2023 - 2027 is based on the following table:  
(in millions)

Debt Service Elements	2023-2024	2025	2026-2027
Existing Debt Issues	45.9	29.6	43.1
New Debt Issuance	1.1	11.3	42.9
Debt contingency for new issues and variable rate	-	0.5	2.5
Total Debt Service	47.0	41.4	88.5

Based on current projections, projected debt service expense will not exceed the County's policy that debt service should be less than 6% of General Fund expenditures.

- The 2023-2024 Budget includes vacancy assumptions in the majority of General Fund operating budgets. This is budgeted directly in appropriation units. An additional biennial underexpenditure assumption of \$57 million is included, reflecting an assumed \$46.7 million in actual underexpenditures and a reappropriation rate of \$10.3 million per biennium.
- Designations and subfund balances include the following for each of the years (in millions):

2023-2024	2025	2026-2027
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**2023-2024 General Fund Financial Plan Footnotes**

Loans	0.0	0.0	0.0
Assigned for Capital Projects	0.0	0.0	0.0
Crime Victim Compensation Program	0.7	0.7	0.7
Drug Enforcement Program	1.4	1.4	1.4
Anti-Profitteering Program	0.1	0.1	0.1
Dispute Resolution	0.0	0.0	0.0
Wheelchair Access	1.2	1.0	0.6
Total*	3.5	3.3	2.9

\*Totals may not match financial plan exactly due to rounding

- The Credit Rating Reserve dedicates fees collected from other county funds to increase fund balance and maintain the county's bond rating. Other funds that have issued debt and benefit from the county's bond rating through lower interest contribute to this reserve based on the amount of outstanding principal on LTGO debt. 35% of the Credit Enhancement Fee is placed in this reserve. The goal for this reserve is to reach 1% of total outstanding GO debt backed by the full faith and credit of the General Fund.
- The 2021-2022 biennium included four new reserves for future investments: Community Navigators Reserve, Jail Diversion and Reentry Hub Reserve, Adult Diversion Program Reserve, and Public Safety Alternatives Investment Reserve. These four reserves were designed to set aside funding to design and implement key diversion and criminal legal system reform initiatives. The Community Navigators and Adult Diversion Program Reserve were programmed and spent in the 2021-2022 biennium. The two remaining reserves are programmed in the 2023-2024 Adopted Budget.
- Criminal Justice Expense Reserve was created using a one-time distribution of funds from the state legislature for one-time costs related to law enforcement and criminal justice related legislation enacted between January 1, 2020 and June 30, 2021. This reserve will be drawn down as appropriate costs are identified.
- Reverse Fair Market Value (FMV) GAAP Adjustment Reserve: Pursuant to GASB Statement No. 31 and 72, governmental entities, including governmental external investment pools, should report investments at fair value in the balance sheet (or other statement of financial position). These paper losses are reported and backed out in 2021-2022 Actuals Other Fund Transactions and Reserves, respectively, and reversed in 2023-2024 Estimated Other Fund Transactions.
- The COVID Response Reserve reflects funding for COVID relief programs that was transferred to the General Fund in 2022. This reserve was fully programmed in the COVID 10 Omnibus Supplemental.
- The Risk Reserve sets aside fund balance to mitigate known and unknown risks.
- County policy requires undesignated fund balance of 6%-8% of certain revenues. Per county policy, the county will strive to maintain reserves in times of economic prosperity to offset times of declining revenue.

Parameters

Start Year	2023
End Year	2024
Fund	
Quarter	5
Include GAAP?	No
Benchmark Percentage	62.5

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Fund	Fund Description		2023/2024 Budget (Per EBS G/L)	Q1 2024 Actuals (Per EBS G/L)	% of Budget (62.5% benchmark)
000000010	CURRENT EXPENSE SUB-FUND	Expense	\$ 2,463,723,660	\$ 1,438,081,784	58.4%
		Revenue	\$ 2,217,856,964	\$ 1,192,312,825	53.8%
000000016	INMATE WELFARE FUND	Revenue	\$ 0	\$ 112,470	
000000017	GF LTGO BONDS SUBFUND 2023B	Expense	\$ 0	\$ 34,904	
		Revenue	\$ 0	\$ 8,068,251	
000001030	COUNTY ROAD FUND	Expense	\$ 254,029,625	\$ 139,542,253	54.9%
		Revenue	\$ 249,433,438	\$ 130,107,533	52.2%
000001040	SW POST CLOSURE LF MAINT	Expense	\$ 4,355,790	\$ 2,468,247	56.7%
		Revenue	\$ 4,412,481	\$ 2,352,239	53.3%
000001060	VETERANS RELIEF	Expense	\$ 7,499,205	\$ 4,230,842	56.4%
		Revenue	\$ 7,023,983	\$ 3,676,417	52.3%
000001070	DEVELOPMENTAL DISABILITY	Expense	\$ 190,627,888	\$ 111,097,726	58.3%
		Revenue	\$ 191,996,179	\$ 111,122,216	57.9%
000001080	DCHS ADMINISTRATION	Expense	\$ 29,097,264	\$ 18,021,789	61.9%
		Revenue	\$ 29,097,260	\$ 18,322,338	63.0%
000001090	RECORDER'S O & M FUND	Expense	\$ 3,951,997	\$ 2,128,344	53.9%
		Revenue	\$ 3,543,652	\$ 1,371,015	38.7%
000001110	EMERGENCY TELEPHONE E911	Expense	\$ 55,019,502	\$ 28,272,674	51.4%
		Revenue	\$ 52,719,585	\$ 34,685,873	65.8%
000001120	BEHAVIORAL HEALTH	Expense	\$ 796,078,217	\$ 449,559,596	56.5%
		Revenue	\$ 799,657,116	\$ 469,703,709	58.7%
000001135	MIDD	Expense	\$ 234,291,782	\$ 97,821,382	41.8%
		Revenue	\$ 184,985,771	\$ 100,831,716	54.5%
000001143	VETERANS SENIORS & HUMAN SERVICES L	Expense	\$ 176,375,541	\$ 67,192,064	38.1%
		Revenue	\$ 68,257,522	\$ 70,760,476	103.7%
000001144	VETS SEN AND HUMAN SVCS LEVY 2024-2	Revenue	\$ 0	\$ 4,463,420	
000001170	ARTS & CULTURAL DEV FUND	Expense	\$ 45,010,843	\$ 23,112,134	51.3%
		Revenue	\$ 45,010,843	\$ 22,055,259	49.0%
000001172	2016 LTGO TAXABLE BONDS FOR CDA BLD	Revenue	\$ 0	\$ 2,060	
000001180	LODGING TAX FUND	Expense	\$ 92,982,600	\$ 39,192,619	42.2%
		Revenue	\$ 74,442,354	\$ 41,162,614	55.3%
000001181	LODGING TAX 2021 GO BOND SUBFUND	Expense	\$ 0	\$ 6,744	
		Revenue	\$ 0	\$ 159	
000001190	EMERGENCY MEDICAL SERVICE	Expense	\$ 259,634,852	\$ 118,312,326	45.6%
		Revenue	\$ 237,813,010	\$ 130,159,408	54.7%
000001200	TREASURERS O & M	Expense	\$ 0	\$ 414,407	
		Revenue	\$ 0	\$ 438,072	
000001210	SHARED SERVICES FUND	Expense	\$ 112,022,320	\$ 55,064,081	49.2%
		Revenue	\$ 106,031,722	\$ 49,452,478	46.6%
000001211	SURFACE WATER MGT FUND	Expense	\$ 101,062,474	\$ 54,886,951	54.3%
		Revenue	\$ 92,656,474	\$ 52,535,759	56.7%

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Fund	Fund Description		2023/2024 Budget (Per EBS G/L)	Q1 2024 Actuals (Per EBS G/L)	% of Budget (62.5% benchmark)
000001220	AUTO FINGERPRINT IDENT FD	Expense	\$ 44,530,986	\$ 23,663,646	53.1%
		Revenue	\$ 47,476,040	\$ 26,136,446	55.1%
000001280	LOCAL HAZARDOUS WASTE FD	Expense	\$ 43,885,692	\$ 17,103,329	39.0%
		Revenue	\$ 37,913,658	\$ 22,071,369	58.2%
000001290	YTH AMATEUR SPRTS FUND	Expense	\$ 17,558,654	\$ 4,403,919	25.1%
		Revenue	\$ 13,422,243	\$ 7,179,715	53.5%
000001292	2018 GO BONDS YTH SPORTS FACILITY G	Revenue	\$ 0	\$ 8,097	
000001311	NOXIOUS WEED CONTROL	Expense	\$ 11,034,926	\$ 5,979,650	54.2%
		Revenue	\$ 10,074,478	\$ 4,933,000	49.0%
000001320	HEALTH THROUGH HOUSING FUND	Expense	\$ 151,616,015	\$ 47,726,512	31.5%
		Revenue	\$ 139,736,972	\$ 79,371,542	56.8%
000001330	KC EMPLOYEE DEFERRED COMP ADMIN	Expense	\$ 1,013,096	\$ 497,743	49.1%
		Revenue	\$ 895,976	\$ 475,512	53.1%
000001340	PERMITTING DIVISION FUND	Expense	\$ 31,877,746	\$ 19,873,315	62.3%
		Revenue	\$ 32,177,320	\$ 17,033,345	52.9%
000001341	CODE COMPLIANCE AND ABATEMENT FUND	Expense	\$ 817,838	\$ 338,206	41.4%
		Revenue	\$ 800,000	\$ 262,914	32.9%
000001346	DPER GENERAL PUBLIC SERVICES	Expense	\$ 6,773,923	\$ 4,216,730	62.2%
		Revenue	\$ 6,522,971	\$ 4,185,944	64.2%
000001350	DEPT OF LOCAL SERVICES	Expense	\$ 29,888,619	\$ 9,832,927	32.9%
		Revenue	\$ 28,961,563	\$ 11,620,640	40.1%
000001381	PRKS TRUST & CONTRIBUTION	Revenue	\$ 0	\$ 30,411	
000001411	RAINY DAY RESERVE FUND	Expense	\$ 0	\$ 797	
		Revenue	\$ 0	\$ -2,850,010	
000001415	PARKING FACILITIES	Expense	\$ 6,503,670	\$ 3,689,512	56.7%
		Revenue	\$ 10,144,472	\$ 6,106,606	60.2%
000001421	COMMUNITY SERVICES OPERATING FUND	Expense	\$ 21,073,632	\$ 11,598,056	55.0%
		Revenue	\$ 19,352,821	\$ 12,443,015	64.3%
000001431	ANIMAL SERVICES FND	Expense	\$ 16,696,379	\$ 10,358,452	62.0%
		Revenue	\$ 15,368,890	\$ 9,005,503	58.6%
000001432	ANIMAL BEQUEST FND	Expense	\$ 380,000	\$ 190,000	50.0%
		Revenue	\$ 1,247,000	\$ 422,059	33.8%
000001451	PARKS OPERATING LEVY	Expense	\$ 144,163,401	\$ 79,097,594	54.9%
		Revenue	\$ 129,628,524	\$ 59,296,861	45.7%
000001452	OS TRAILS & ZOO LEVY SUBF	Revenue	\$ 0	\$ 3,098	
000001453	PARKS OPEN SPACE AND TRAILS LEVY	Revenue	\$ 0	\$ 28,748	
000001454	PARKS REC TRAILS OPEN SPACE LEVY	Expense	\$ 308,662,603	\$ 150,371,590	48.7%
		Revenue	\$ 308,545,190	\$ 158,632,808	51.4%
000001460	CRISIS CARE CENTERS	Revenue	\$ 0	\$ 6,471,893	
000001471	HISTORCL PRSRVTN & H PRGM	Expense	\$ 1,342,198	\$ 834,261	62.2%
		Revenue	\$ 1,259,689	\$ 557,432	44.3%
000001472	CULTURAL RESOURCES MITIGATION	Revenue	\$ 0	\$ 50,341	

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000001480	BEST STARTS FOR KIDS LEVY	Expense	\$ 295,254,809	\$ 163,116,834	55.2%
		Revenue	\$ 288,258,949	\$ 142,629,934	49.5%
000001481	BEST STARTS FOR KIDS LEVY REVENUE 2	Revenue	\$ 0	\$ 8,821,672	
000001490	PUGET SOUND TAXPAYER ACCOUNTABILITY	Expense	\$ 20,441,795	\$ 5,932,413	29.0%
		Revenue	\$ 19,570,000	\$ 14,062,842	71.9%
000001511	PUGET SOUND EMERGENCY RADIO NETWORK	Expense	\$ 77,619,807	\$ 39,959,309	51.5%
		Revenue	\$ 73,774,782	\$ 39,550,694	53.6%
000001561	KC FLD CNTRL OPR CONTRACT	Expense	\$ 282,309,520	\$ 16,892,453	6.0%
		Revenue	\$ 178,092,021	\$ 14,225,924	8.0%
000001600	DEPT OF NATURAL RESOURCES AND PARKS	Expense	\$ 18,138,539	\$ 10,789,282	59.5%
		Revenue	\$ 18,103,240	\$ 12,469,468	68.9%
000001800	PUBLIC HEALTH	Expense	\$ 616,016,829	\$ 325,072,991	52.8%
		Revenue	\$ 644,310,433	\$ 337,457,506	52.4%
000001802	SETTLEMENT SUBFUND	Expense	\$ 5,538,652	\$ 216,784	3.9%
		Revenue	\$ 5,698,258	\$ 22,670,936	397.9%
000001820	INTERCOUNTY RIVER IMPROV	Revenue	\$ 0	\$ 46	
000001850	ENVIRONMENTAL HEALTH FUND	Expense	\$ 78,657,434	\$ 44,674,600	56.8%
		Revenue	\$ 75,045,346	\$ 51,549,567	68.7%
000001851	EQUITABLE WASTEWATER FUTURES PROJEC	Revenue	\$ 0	\$ 338,053	
000001890	PUBLIC HEALTH ADMINISTRATION FUND	Expense	\$ 34,996,480	\$ 21,150,800	60.4%
		Revenue	\$ 35,201,576	\$ 21,990,111	62.5%
000002140	GRANTS FUND	Expense	\$ 35,469,644	\$ 16,629,338	46.9%
		Revenue	\$ 35,469,647	\$ 7,615,912	21.5%
000002142	GRANTS SUBFUND - CSLFRF	Expense	\$ 0	\$ 5,908,107	
		Revenue	\$ 0	\$ 161,652,068	
000002240	EMPLOYMENT & EDUCATN RESOURCES FD	Expense	\$ 40,831,740	\$ 23,361,482	57.2%
		Revenue	\$ 41,080,812	\$ 27,376,237	66.6%
000002460	FED HOUSNG & COMM DEV FND	Expense	\$ 615,843,738	\$ 262,027,045	42.5%
		Revenue	\$ 629,071,546	\$ 219,714,405	34.9%
000002462	CDBG GREENBRIDGE LN REPAY	Expense	\$ 0	\$ 291,964	
000002465	HCD RENTAL ASSISTANCE	Expense	\$ 0	\$ 35,140,689	
		Revenue	\$ 0	\$ 45,627,826	
000002466	2021 LTGO BOND HCDF2460	Revenue	\$ 0	\$ -19,364,726	
000002467	2023C LTGO TAXABLE SOCIAL BOND HCDF	Revenue	\$ 0	\$ 120,002,965	
000003151	CONSERV FUTURES SUB-FUND	Expense	\$ 0	\$ 65,139,454	
		Revenue	\$ 0	\$ 93,924,937	
000003154	GO BONDS CONSERVATION SUBFUND	Revenue	\$ 0	\$ 49,036	
000003160	PARKS REC OPEN SPACE	Expense	\$ 0	\$ 28,377,692	
		Revenue	\$ 0	\$ 24,807,303	
000003161	PARKS BOND 3160 SUB	Revenue	\$ 0	\$ -20,548,001	
000003162	PARKS CIP SERIES LTGO 2023B	Revenue	\$ 0	\$ 10,797,564	
000003170	E 911 CAPITAL FUND	Expense	\$ 0	\$ 2,166,403	
		Revenue	\$ 0	\$ 628,761	



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000003230	DPH TECHNOLOGY CAPITAL FUND	Expense Revenue	\$ 0 \$ 0	\$ 1,518,850 \$ 840,525	
000003240	DCHS TECHNOLOGY CAPITAL FUND	Expense Revenue	\$ 0 \$ 0	\$ 1,658,517 \$ 1,604,174	
000003250	DES TECHNOLOGY FUND	Expense Revenue	\$ 0 \$ 0	\$ 1,913,702 \$ 1,876,123	
000003251	2019B LTGO BONDS - DES SUBFND	Revenue	\$ 0	\$ 10	
000003280	PSB GENERAL FUND TECHNOLOGY CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 2,554,803 \$ 2,465,563	
000003281	DPD LTGO BONDS SUBFUND 2019B	Revenue	\$ 0	\$ -1,944,676	
000003282	2023A LTGO BONDS SUBFUND GF	Revenue	\$ 0	\$ 3,432,292	
000003292	SWM CIP NON-BOND SUBFUND	Expense Revenue	\$ 0 \$ 0	\$ 22,411,129 \$ 32,983,208	
000003310	LONG-TERM LEASES	Expense Revenue	\$ 0 \$ 0	\$ 54,015,029 \$ 36,043,406	
000003350	YOUTH SRVS FACILTS CONST	Revenue	\$ 0	\$ 36,526	
000003361	PUGET SOUND EMERGENCY RADIO NETWORK	Expense Revenue	\$ 0 \$ 0	\$ 59,675,943 \$ 32,108,263	
000003380	AIRPORT CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ 16,918,935 \$ 24,443,866	
000003421	MJR MNTNCE RSRV SUB-FUND	Expense Revenue	\$ 0 \$ 0	\$ 10,848,400 \$ 16,583,493	
000003425	LTGO BOND - F3421	Revenue	\$ 0	\$ -7,691,283	
000003473	RADIO COMM SRVS CIP FUND	Expense Revenue	\$ 0 \$ 0	\$ 1,679,975 \$ 1,100,032	
000003522	OS KC NON BND FND SUBFUND	Expense Revenue	\$ 0 \$ 0	\$ 131,797 \$ 289,495	
000003525	LTGO BONDS OPEN SPACE SUBFUND	Revenue	\$ 0	\$ 776,481	
000003571	KC FLD CNTRL CAP CONTRACT	Expense Revenue	\$ 0 \$ 0	\$ 51,760,168 \$ 52,323,969	
000003581	PARKS CAPITAL FUND	Expense Revenue	\$ 0 \$ 0	\$ 83,365,830 \$ 107,057,919	
000003591	KC MARINE CONST	Expense Revenue	\$ 0 \$ 0	\$ 343,458 \$ 64,745	
000003611	WATER QUALITY CONST-UNRES	Expense Revenue	\$ 0 \$ 0	\$ 397,809,019 \$ 36,002,434	
000003612	WTD INTERNALLY FINANCED PROJECTS FU	Expense Revenue	\$ 0 \$ 0	\$ 5,403 \$ 244,515	
000003641	PUBLIC TRANS CONST-UNREST	Expense Revenue	\$ 0 \$ 0	\$ 151,952,870 \$ -10,391,950	
000003642	PUBLIC TRANS REVENUE FLEET CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 23,092,284 \$ 36,280,670	

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000003673	CRITICAL AREAS MITIGATION	Expense Revenue	\$ 0 \$ 0	\$ 5,733,630 \$ 6,140,671	
000003681	REAL ESTATE EXCISE TX CAP	Expense Revenue	\$ 0 \$ 0	\$ 11,367,592 \$ 10,160,857	
000003682	REAL ESTATE EXCISE TX 2	Expense Revenue	\$ 0 \$ 0	\$ 5,386,332 \$ 10,544,183	
000003691	TRNSF OF DEV CREDIT PROG	Expense Revenue	\$ 0 \$ 0	\$ 4,089,720 \$ 709,820	
000003750	HMC CAPITAL PROGRAM 2020 PROP 1	Expense Revenue	\$ 0 \$ 0	\$ 10,397,007 \$ 11,250,253	
000003751	HMC CAPITAL UTGO SERIES 2021	Revenue	\$ 0	\$ -10,774,839	
000003752	HMC CAPITAL UTGO SERIES 2023A	Expense Revenue	\$ 0 \$ 0	\$ 534,513 \$ 107,158,204	
000003760	UNINCORP KING COUNTY CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 1,257,691 \$ 135,043	
000003771	OIRM CAPITAL PROJECTS	Expense Revenue	\$ 0 \$ 0	\$ 8,579,674 \$ 2,178,867	
000003775	2015 LTGO SERIES B - KCIT	Expense Revenue	\$ 0 \$ 0	\$ 632,309 \$ -634,245	
000003777	2019B LTGO BOND SUB FUND - KCIT	Expense Revenue	\$ 0 \$ 0	\$ 418,249 \$ 15,890	
000003778	2020A LTGO BOND SUB FUND - KCIT	Expense Revenue	\$ 0 \$ 0	\$ 27,410 \$ 140	
000003779	2022A LTGO BOND SUB FUND - KCIT	Expense Revenue	\$ 0 \$ 0	\$ 4,900 \$ 59	
000003781	ITS CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 9,635,947 \$ 8,716,680	
000003791	HMC ALTERNATIVE FINANCING PROJECTS	Expense Revenue	\$ 0 \$ 0	\$ 599,048 \$ 65,236	
000003810	SW CAP EQUIP REPLACEMENT	Expense Revenue	\$ 0 \$ 0	\$ 5,712,195 \$ 11,262,613	
000003830	ENVIRONMENTAL RESERVE	Revenue	\$ 0	\$ 38,694	
000003850	RENTON MAINTENANCE FACIL	Expense Revenue	\$ 0 \$ 0	\$ 234,879 \$ 141,085	
000003855	COUNTY ROAD MAJOR MAINTENANCE FUND	Expense Revenue	\$ 0 \$ 0	\$ 23,143,003 \$ 23,288,182	
000003857	2021 SERIES A GO BONDS BRIDGES SUBF	Revenue	\$ 0	\$ -505,420	
000003858	2022 SERIES A GO BONDS BRIDGES SUBF	Revenue	\$ 0	\$ -1,697,768	
000003859	2023 SERIES B GO BONDS BRIDGES SUBF	Revenue	\$ 0	\$ 7,817,247	
000003860	COUNTY ROAD CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ -19,023 \$ 64,626	
000003865	KING COUNTY ROAD CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ 6,356,285 \$ 9,592,802	

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000003901	SOLID WASTE CONSTRUCTION	Expense	\$ 0	\$ 45,471,264	
		Revenue	\$ 0	\$ 42,840,518	
000003908	SOLID WASTE CONSTR 2017 LTGO BND	Revenue	\$ 0	\$ -585	
000003910	LANDFILL RESERVE FUND	Expense	\$ 0	\$ 16,014,763	
		Revenue	\$ 0	\$ 24,972,392	
000003911	2021A LTGO BOND SW FACILITIES	Revenue	\$ 0	\$ -19,411,843	
000003912	2023A LTGO BOND SW FACILITIES	Revenue	\$ 0	\$ -24,678,875	
000003913	2023B LTGO BOND SW FACILITIES	Revenue	\$ 0	\$ 283,203	
000003951	BLDG REPAIR/REPL SUBFUND	Expense	\$ 0	\$ 54,735,878	
		Revenue	\$ 0	\$ -12,460,557	
000003952	LTGO BOND - F3951	Revenue	\$ 0	\$ 79,850	
000003954	2019 LTGO SERIES B - FMD	Revenue	\$ 0	\$ 89,733	
00000395A	2020 LTGO SERIES A - FMD	Revenue	\$ 0	\$ 52,437	
00000395B	2023 LTGO SERIES 2023A	Expense	\$ 0	\$ 19,918	
		Revenue	\$ 0	\$ 4,067,533	
000003961	HMC REPAIR AND REPLAC FD	Expense	\$ 0	\$ 29,385,533	
		Revenue	\$ 0	\$ 32,465,653	
000004040	SOLID WASTE OPERATING	Expense	\$ 364,236,362	\$ 215,003,658	59.0%
		Revenue	\$ 351,316,308	\$ 201,980,509	57.5%
000004041	CONSTRUCTION AND DEMO PROGRAM	Revenue	\$ 0	\$ 487,400	
000004043	SW OPER 2017B FRED BOND	Revenue	\$ 0	\$ 0	
000004290	AIRPORT	Expense	\$ 85,976,019	\$ 47,932,269	55.8%
		Revenue	\$ 71,767,020	\$ 47,788,167	66.6%
000004501	RADIO COMM OPRNG FND	Expense	\$ 10,299,093	\$ 5,766,270	56.0%
		Revenue	\$ 9,608,640	\$ 6,472,465	67.4%
000004503	RCS COMMON EQPT MAINT SUB	Revenue	\$ 0	\$ 343,097	
000004531	I-NET OPERATING	Expense	\$ 6,634,402	\$ 3,618,031	54.5%
		Revenue	\$ 7,347,468	\$ 4,465,194	60.8%
000004551	LINK RISK FUND	Revenue	\$ 0	\$ 3,664	
000004611	WATER QUALITY OPERATING	Expense	\$ 397,030,135	\$ 230,202,957	58.0%
		Revenue	\$ 1,244,739,327	\$ 757,968,712	60.9%
000004641	PUBLIC TRANSPORTATION OP	Expense	\$ 2,526,584,212	\$ 1,359,315,260	53.8%
		Revenue	\$ 2,348,988,454	\$ 1,071,308,205	45.6%
000004643	PUBLIC TRANS REVENUE STABILIZATION	Revenue	\$ 16,192,373	\$ 21,635,010	133.6%
000005420	SAFETY & WORKERS' COMP	Expense	\$ 96,308,916	\$ 59,653,416	61.9%
		Revenue	\$ 78,614,413	\$ 49,712,958	63.2%
000005450	FINANCE & BUS OPERATIONS	Expense	\$ 76,397,130	\$ 45,977,839	60.2%
		Revenue	\$ 71,195,284	\$ 47,003,033	66.0%
000005481	KING COUNTY GIS FUND	Expense	\$ 15,784,771	\$ 8,033,742	50.9%
		Revenue	\$ 16,551,218	\$ 7,383,845	44.6%
000005490	BUSINESS RESOURCE CENTER	Expense	\$ 60,240,187	\$ 29,239,453	48.5%
		Revenue	\$ 48,666,456	\$ 30,416,534	62.5%

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000005500	EMPLOYEE BENEFITS PROGRAM	Expense	\$ 693,056,171	\$ 420,950,781	60.7%
		Revenue	\$ 623,815,302	\$ 362,300,422	58.1%
000005511	FACILITIES MANAGEMENT SUB	Expense	\$ 195,401,544	\$ 114,188,764	58.4%
		Revenue	\$ 182,952,031	\$ 102,325,581	55.9%
000005520	INSURANCE	Expense	\$ 144,157,218	\$ 65,220,344	45.2%
		Revenue	\$ 151,647,748	\$ 106,013,506	69.9%
000005531	DATA PROCESSING SERVICES	Expense	\$ 265,291,530	\$ 155,337,727	58.6%
		Revenue	\$ 262,220,230	\$ 158,894,029	60.6%
000005533	2023B LTGO KCIT BOND SUBFUND	Revenue	\$ 0	\$ 1,097,695	
000005540	PAYROLL REVOLVING	Revenue	\$ 0	\$ 195	
000005550	ACCOUNTS PAYABLE REVOLVNG	Revenue	\$ 0	\$ 63	
000005570	PUBLIC WORKS EQUIP RENTAL	Expense	\$ 107,380,049	\$ 46,540,901	43.3%
		Revenue	\$ 71,271,700	\$ 41,924,542	58.8%
000008400	LIMITED G O BOND REDEMPT	Expense	\$ 431,608,747	\$ 156,247,997	36.2%
		Revenue	\$ 429,008,747	\$ 156,058,856	36.4%
000008407	HUD SEC 108 LOAN REPAYMNT	Expense	\$ 1,118,150	\$ 291,964	26.1%
		Revenue	\$ 589,466	\$ 291,964	49.5%
000008430	PUBLIC TRANSPORTATION BONDS	Expense	\$ 13,283,052	\$ 7,033,644	53.0%
		Revenue	\$ 19,137,198	\$ 10,101,278	52.8%
000008500	UNLIMITED G O BOND REDEMP	Expense	\$ 23,559,313	\$ 15,859,101	67.3%
		Revenue	\$ 23,057,100	\$ 17,457,394	75.7%
000008920	WATER QUALITY REV BOND	Expense	\$ 948,599,518	\$ 134,963,083	14.2%
		Revenue	\$ 0	\$ 2,521,271	
000008921	WASTEWATER REVENUE BOND RESERVES	Revenue	\$ 0	\$ 4,743,097	
000008922	WASTEWATER STATE LOAN RESERVES	Revenue	\$ 0	\$ 36,456	

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Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3160 PARKS RECREATION AND OPEN SPACE - Parks and Recreation</b>														
1122161	Parks Central Maintenance Facility	▲	◆	1/8/2025	1,574	2,392	818	51%	◆	\$43,613,292	\$63,432,951	\$19,819,659	45%	Q1 2024
<b>3250 DEPARTMENT OF EXECUTIVE SERVICES TECHNOLOGY CAPITAL - Other</b>														
1139605	PeopleSoft Systems Infrastructure Replacement Project	■	■						■					Q1 2024
<b>3292 SURFACE WATER MANAGEMENT CONSTRUCTION SUBFUND - Water and Land Resources</b>														
1123571	Riverbend Restoration	●	●	5/30/2023	1,523	1,523	0	0%	●	\$17,924,059	\$17,102,106	(\$821,953)	-4%	Q1 2024
1133842	Fall City Restoration	●	●	9/22/2023	783	683	-100	-12%	●	\$19,069,981	\$17,515,138	(\$1,554,843)	-8%	Q1 2024
<b>3361 PUGET SOUND EMERGENCY RADIO NETWORK CAPITAL - King County Information Technology</b>														
1126875	Puget Sound Emergency Radio Network	●	◆	12/31/2023	2,137	3,105	968	45%	▲	\$259,694,644	\$279,265,883	\$19,571,239	7%	Q1 2024
<b>3380 AIRPORT CAPITAL - Airport Division</b>														
1135085	Runway 14L-32R Rehabilitation	●	●	10/31/2024	462	462	0	0%	●	\$32,334,064	\$32,334,064	\$0	0%	Q1 2024
1141114	A11 Connector Reconstruction	●	●	9/30/2024	473	473	0	0%	●	\$1,211,409	\$1,211,409	\$0	0%	Q1 2024
1141122	Stormwater Pipe Replacement Phase III	●	●	10/18/2024	311	311	0	0%	●	\$5,567,341	\$5,567,341	\$0	0%	Q1 2024
1141164	Airfield Electrical System Upgrades Phase III	●	●	9/30/2024	293	293	0	0%	●	\$3,562,390	\$3,562,390	\$0	0%	Q1 2024
<b>3421 MAJOR MAINTENANCE RESERVE SUBFUND - Facilities Mgmt</b>														
1127249	MRJC Detention HVAC Replacement	●	◆	9/4/2020	1,108	1,292	184	16%	◆	\$2,754,379	\$4,040,501	\$1,286,122	46%	Q1 2024
1129770	Archives Building Fire Protection Sprinkler System	●	◆	1/20/2021	197	576	379	192%	▲	\$1,447,358	\$1,645,776	\$198,418	13%	Q1 2024
1129786	Administration Building Fire Alarm Systems	●	◆	9/10/2021	514	819	305	59%	▲	\$1,272,568	\$1,296,475	\$23,907	1%	Q1 2024
1130853	MRJC Detention Switchboard and Motor Maintenance	●	●	3/30/2021	519	423	-96	-18%	●	\$1,021,291	\$1,021,310	\$19	0%	Q1 2024
1132355	Northeast District County Wall Replacement	●	◆	10/22/2021	268	690	422	157%	●	\$1,166,777	\$1,166,777	\$0	0%	Q1 2024
1134408	DES FMD MMRF BARCLAY DEAN ROOF REPLACEMENT	●	●	11/4/2019	223	168	-55	-24%	●	\$1,027,314	\$1,027,314	\$0	0%	Q1 2024

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Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3421 MAJOR MAINTENANCE RESERVE SUBFUND - Facilities Mgmt</b>														
1137046	King County Correctional Facility Water Piping Replacement	●	◆	2/25/2022	556	816	260	46%	●	\$23,500,000	\$23,500,000	\$0	0%	Q1 2024
<b>3571 KING COUNTY FLOOD CONTROL CAPITAL CONTRACT - Water and Land Resources</b>														
1121044	Circle River Ranch Flood Risk Reduction	●	●	9/11/2024	481	481	0	0%	●	\$2,149,416	\$1,199,412	(\$950,004)	-44%	Q1 2024
1129574	Black River Pump Station High-Use Engines	●	◆	6/24/2024	636	1,725	1,089	171%	◆	\$5,379,817	\$8,728,711	\$3,348,893	62%	Q1 2024
1131549	Herzman to Camp Freeman Levee Setback and Repair	●	●	10/17/2024	965	77	-888	-92%	●	\$10,402,977	\$10,402,977	\$0	0%	Q1 2024
1134344	Stossel Revetment Major Repair	●	◆	12/31/2024	496	853	357	71%	◆	\$2,622,001	\$3,200,044	\$578,043	22%	Q1 2024
1139129	Belmondo Levee 2020 Repair	●	●	9/1/2023	385	385	0	0%	●	\$1,371,165	\$1,288,132	(\$83,033)	-6%	Q1 2024
<b>3581 PARKS CAPITAL - Parks and Recreation</b>														
1044668	Foothills Regional Trail	◆	◆	9/12/2024	1,282	3,042	1,760	137%	◆	\$9,319,162	\$28,304,000	\$18,984,838	203%	Q1 2024
1124791	East Lake Sammamish Trail South Sammamish Segment B Design	▲	◆	12/31/2023	1,704	3,105	1,401	82%	●	\$25,986,863	\$16,831,636	(\$9,155,227)	-35%	Q1 2024
1125133	Lake To Sound Trail Segment C - Seatac	◆	◆	9/18/2023	1,520	1,874	354	23%	▲	\$12,013,180	\$12,577,741	\$564,561	4%	Q1 2024
1129143	Eastrail NE 8th Street Crossing	●	◆	6/15/2024	1,195	1,942	747	62%	◆	\$23,680,000	\$31,401,538	\$7,721,538	32%	Q1 2024
1131218	Wilburton Trestle Rehabilitation	●	◆	3/13/2026	1,805	2,659	854	47%	◆	\$32,900,000	\$39,135,197	\$6,235,197	18%	Q1 2024
1137969	Green to Cedar Trail Ravensdale Culvert Replacement	●	◆	1/4/2023	666	792	126	18%	●	\$2,957,927	\$2,367,257	(\$590,670)	-19%	Q1 2024
1138790	Dockton Moorage Renovation Phase 1	●	◆	5/31/2022	568	750	182	32%	●	\$2,500,000	\$2,374,304	(\$125,696)	-5%	Q1 2024
1139081	Parks Derby Creek Culvert Replacements	●	◆	1/20/2022	1,979	2,333	354	17%	◆	\$1,120,000	\$1,960,000	\$840,000	75%	Q1 2024
1139638	Skyway Park Improvements Phase 1	●	●	2/3/2023		1,890		0%	◆	\$2,897,947	\$3,457,138	\$559,191	19%	Q1 2024
1140064	North Segment Phase 1 Rail Removal and Interim Trail	●	◆	5/11/2022	508	618	110	21%	●	\$2,530,000	\$2,250,000	(\$280,000)	-11%	Q1 2024
1140874	Sunset Park Playfield Remediation	●	▲	7/11/2022	426	433	7	1%	●	\$1,270,000	\$1,270,000	\$0	0%	Q1 2024
1141261	East Lake Sammamish Trail Segment B Phase 2	●	●	10/6/2023				0%	◆	\$16,896,244	\$20,846,244	\$3,950,000	23%	Q1 2024
1141263	East Lake Sammamish Trail Segment B Phase 1	●	●	6/1/2024				0%	◆	\$12,593,000	\$20,593,687	\$8,000,687	63%	Q1 2024

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Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3581 PARKS CAPITAL - Parks and Recreation														
1143493	Lake to Sound Trail Segment C Burien	■	●	12/31/2024		2,344		0%	●	\$6,605,000	\$6,373,133	(\$231,867)	-3%	Q1 2024
3591 MARINE CAPITAL - Marine Division														
1111718	MD SEATTLE FERRY TERMINAL	●	◆	7/30/2019	1,035	1,246	211	20%	●	\$34,490,000	\$34,490,000	\$0	0%	Q1 2024
1129116	MD Float Replacement Pier 50	●	◆	8/12/2019	241	525	284	117%	▲	\$9,270,145	\$9,971,823	\$701,678	7%	Q1 2024
3611 WATER QUALITY CONSTRUCTION - Wastewater Treatment														
1116797	Jameson/Arcweld Buildings Replacement	▲	●	1/4/2024	1,663	1,536	-127	-7%	●	\$71,290,311	\$22,357,664	(\$48,932,646)	-68%	Q1 2024
1116800	North Mercer Island & Enatai Interceptors Upgrade	●	◆	8/22/2025	2,121	2,992	871	41%	◆	\$116,035,624	\$181,452,780	\$65,417,156	56%	Q1 2024
1116801	Lake Hills and NW Lake Sammamish Interceptor Upgrade	▲	◆	11/7/2029	1,995	4,439	2,444	122%	◆	\$119,342,432	\$174,769,311	\$55,426,879	46%	Q1 2024
1120861	Mobile Odor Control Unit Replacement	▲	◆	5/10/2024	696	2,733	2,037	292%	●	\$3,171,445	\$3,093,702	(\$77,743)	-2%	Q1 2024
1121402	Georgetown Wet Weather Treatment Station	●	▲	10/14/2022	2,141	2,369	228	10%	●	\$260,713,113	\$253,870,879	(\$6,842,234)	-2%	Q1 2024
1121409	West Duwamish Wet Weather Storage	●	◆	12/9/2027	1,833	2,116	283	15%	▲	\$107,117,981	\$107,148,640	\$30,659	0%	Q1 2024
1123624	Coal Creek Siphon & Trunk Parallel	●	◆	12/31/2029	2,432	3,744	1,312	53%	◆	\$132,310,569	\$172,946,996	\$40,636,427	30%	Q1 2024
1123626	SP Biogas and Heat Systems Improvements	▲	◆	3/22/2027	1,410	3,632	2,222	157%	●	\$59,897,304	\$54,721,751	(\$5,175,553)	-8%	Q1 2024
1127489	West Point Primary Sedimentation Area Roof Structure	▲	◆	9/12/2025	1,387	2,438	1,051	75%	◆	\$37,658,373	\$48,886,812	\$11,228,439	29%	Q1 2024
1128354	Interbay Force Main & Odor Control	●	◆	11/5/2027	1,414	2,466	1,052	74%	◆	\$5,386,868	\$91,764,434	\$86,377,566	1,603%	Q1 2024
1129156	Juanita Bay PS RSP Protection System Upgrade	●	◆	1/31/2023	407	574	167	41%	▲	\$1,776,188	\$1,893,557	\$117,369	6%	Q1 2024
1129526	WPTP LSG Piping Replacement	●	●	9/15/2025	2,634	2,162	-472	-17%	▲	\$24,920,340	\$27,303,827	\$2,383,486	9%	Q1 2024
1129529	WPTP PE and RAS Pipe Restoration/Replacement	●	◆	9/15/2027	1,471	1,821	350	23%	◆	\$30,574,092	\$36,195,287	\$5,621,195	18%	Q1 2024
1129532	BW Aeration Basin Optimization	●	◆	8/5/2024	927	1,399	472	50%	▲	\$21,193,113	\$23,544,177	\$2,351,064	11%	Q1 2024
1134063	WPTP Power Monitoring Upgrades	●	◆	10/10/2023	596	924	328	55%	◆	\$3,840,813	\$8,228,972	\$4,388,158	114%	Q1 2024
1134064	WPTP Admin/Ops Center Seismic Upgrades	●	◆	9/26/2025	1,001	1,179	178	17%	●	\$17,253,831	\$17,253,827	(\$4)	0%	Q1 2024
1134065	SPTP Influent Pump Station Seismic Upgrades	●	●	2/12/2027	1,368	1,368	0	0%	●	\$31,364,101	\$31,124,667	(\$239,434)	0%	Q1 2024



# Q1 2024 Baseline Report

Agency: All, Fund:All, Year: 2024, Qtr: 1st Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3611 WATER QUALITY CONSTRUCTION - Wastewater Treatment</b>														
1134068	Alki Permanent Standby Generator	▲	◆	9/1/2026	931	2,268	1,337	143%	▲	\$14,812,683	\$15,133,494	\$320,810	2%	Q1 2024
1134069	WPTP Raw Sewage Pump Replacement	●	●	9/30/2029	2,639	2,651	12	0%	◆	\$216,305,529	\$250,229,102	\$33,923,573	15%	Q1 2024
1134070	WTD CMMS Upgrade	●	◆	2/24/2025	437	1,175	738	168%	●	\$12,464,036	\$11,865,473	(\$598,563)	-4%	Q1 2024
1134071	WTD Ovation Control Systems Upgrades	●	◆	2/7/2025	975	2,109	1,134	116%	◆	\$15,547,968	\$18,858,440	\$3,310,472	21%	Q1 2024
1134072	WPTP Passive Weir for Emergency Bypass	●	▲	10/31/2025	1,408	1,424	16	1%	◆	\$10,747,594	\$23,255,241	\$12,507,647	116%	Q1 2024
1134075	Lake Hills Interceptor Rehabilitation Phase II	●	●	12/6/2023	682	673	-9	-1%	●	\$29,601,534	\$21,023,723	(\$8,577,811)	-28%	Q1 2024
1134301	PIMS Replacement	◆	◆	9/30/2024	371	1,917	1,546	416%	◆	\$1,844,892	\$2,919,308	\$1,074,416	58%	Q1 2024
1134438	SP Division Control Building Fire Protection and Alarm System Upgrades	●	▲	1/30/2025	939	1,052	113	12%	●	\$3,225,278	\$3,225,277	(\$1)	0%	Q1 2024
1137181	Richmond Beach PS MCC and Switchboard Replacement	●	◆	10/18/2023	769	1,289	520	67%	●	\$6,492,547	\$4,731,270	(\$1,761,277)	-27%	Q1 2024
1137640	Small Generators Replacement - Group 1	●	◆	12/29/2025	1,305	1,573	268	20%	▲	\$5,401,119	\$5,688,028	\$286,909	5%	Q1 2024
1137751	SP Essential Services Standby Generator Replacement	●	◆	6/19/2025	616	1,738	1,122	182%	◆	\$2,211,228	\$2,984,315	\$773,087	34%	Q1 2024
1138085	WP Warning System Upgrade	●	◆	11/14/2024	468	877	409	87%	▲	\$2,446,898	\$2,696,898	\$250,000	10%	Q1 2024
1138496	Denny Way Regulator Erosion Control	●	◆	9/19/2024	456	1,298	842	184%	●	\$1,106,000	\$1,105,995	(\$5)	0%	Q1 2024
1138499	SP Dewatering Building Truck Loading Bay Ventilation Improvements	●	◆	12/29/2025	924	1,196	272	29%	●	\$2,389,260	\$2,389,256	(\$4)	0%	Q1 2024
1138543	System-wide Arc Flash Hazard Assessment	●	▲	8/8/2025	1,256	1,288	32	2%	◆	\$2,490,193	\$3,771,544	\$1,281,351	51%	Q1 2024
1138777	BW Influent Structure Wash-down System	●	◆	9/30/2024	367	1,028	661	180%	◆	\$935,206	\$1,093,052	\$157,846	16%	Q1 2024
1139037	Lakeland Hills Install Generator	▲	◆	5/26/2024	859	1,696	837	97%	◆	\$5,386,868	\$7,398,872	\$2,012,004	37%	Q1 2024
1139038	Medina PS MCC & Generator Replacement	●	◆	6/30/2024	727	1,370	643	88%	◆	\$6,099,315	\$7,599,404	\$1,500,089	24%	Q1 2024
1139044	Loop Biosolids Compost Pilot at SP	●	◆	10/31/2024	657	1,780	1,123	170%	◆	\$3,325,570	\$6,388,336	\$3,062,766	92%	Q1 2024
1139601	SP Fire Control Panel Upgrade	●	◆	7/31/2024	504	869	365	72%	◆	\$753,461	\$1,783,996	\$1,030,535	136%	Q1 2024
1139645	West Point PE and FE Flowmeter Replacement	●	◆	9/30/2024	606	972	366	60%	◆	\$960,000	\$1,375,858	\$415,858	43%	Q1 2024
1139673	York FM Cathodic Protection	●	◆	6/30/2024	437	803	366	83%	●	\$1,410,210	\$1,148,405	(\$261,805)	-18%	Q1 2024



# Q1 2024 Baseline Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3611 WATER QUALITY CONSTRUCTION - Wastewater Treatment</b>														
1141028	Offsite Fuel Storage Tank Monitoring Upgrade	●	◆	7/1/2024	118	320	202	171%	▲	\$1,286,069	\$1,472,937	\$186,868	14%	Q1 2024
1141030	WP Power Quality Improvements	●	●	7/5/2024	1,142	892	-250	-21%	▲	\$159,066,642	\$164,281,555	\$5,214,913	3%	Q1 2024
1141559	Small Generator Replacement Group 2	●	●	8/13/2027	1,242	1,242	0	0%	●	\$8,628,243	\$8,628,243	\$0	0%	Q1 2024
1141881	SP DAFT Tank Rehabilitation	●	●	3/7/2029	1,968	1,968	0	0%	●	\$68,616,517	\$68,616,511	(\$7)	0%	Q1 2024
1141884	WPTP Grit Classifier Replacement	●	●	9/25/2025	982	982	0	0%	●	\$11,280,589	\$10,983,612	(\$296,976)	-2%	Q1 2024
1142896	Lakeland Hills PS Elevator Replacement	●	◆	10/1/2024	357	728	371	103%	●	\$1,054,231	\$1,054,227	(\$4)	0%	Q1 2024
1142898	Medina PS Pump Room Header Replacement	●	▲	10/31/2023	423	476	53	12%	◆	\$2,605,131	\$3,068,647	\$463,516	17%	Q1 2024
1143277	WPTP Fire Suppression System Supply Line RPBA & PRV Installation	●	◆	1/14/2025	619	756	137	22%	▲	\$2,132,060	\$2,362,897	\$230,837	10%	Q1 2024
1143278	WPTP Uninterruptible Power Supply (UPS) Replacement 2022-2023	●	●	12/15/2023	402	395	-7	-1%	▲	\$1,577,079	\$1,704,840	\$127,761	8%	Q1 2024
1143480	WP IPS Pump Refurbishment #2 and #3	●	●	10/31/2023	549	224	-325	-59%	●	\$10,396,282	\$4,312,520	(\$6,083,762)	-58%	Q1 2024
1143539	Juanita Bay PS RSP 1-4 Suction Valves Replacement	●	▲	9/27/2024	273	311	38	13%	●	\$2,213,129	\$2,213,124	(\$5)	0%	Q1 2024
1143839	Carkeek CSO Dechlorination System Modifications	●	◆	2/5/2025	745	1,583	838	112%	◆	\$1,953,306	\$6,851,927	\$4,898,621	250%	Q1 2024
1144135	Carnation TP UV Disinfection System	●	◆	6/28/2024	193	570	377	195%	◆	\$1,269,129	\$1,736,999	\$467,869	36%	Q1 2024
1144964	Richmond Beach RSP and Motor Replacement	●	●	7/25/2024	586	534	-52	-8%	●	\$2,106,318	\$2,106,313	(\$5)	0%	Q1 2024
1145319	South Plant Alkalinity Addition	●	◆	1/11/2024	73	177	104	142%	●	\$1,328,361	\$1,294,581	(\$33,780)	-2%	Q1 2024
<b>3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL - Transit</b>														
1125742	500 Kilowatt Sub Breakers	●	▲	12/20/2023	1,745	1,813	68	3%	▲	\$9,949,489	\$10,323,937	\$374,448	3%	Q1 2024
1125765	Broad Street Substation Transformer	■	◆	6/30/2026	910	1,658	748	82%	●	\$8,385,211	\$8,385,211	\$0	0%	Q1 2024
1129634	Atlantic Base Heating, Ventilation and Air Conditioning Replacement	●	◆	3/14/2025	538	1,738	1,200	223%	◆	\$19,847,575	\$28,571,942	\$8,724,367	43%	Q1 2024
1132325	Delridge to Burien RapidRide Line (H)	●	◆	12/31/2023	1,442	2,314	872	60%	◆	\$57,185,424	\$76,297,787	\$19,112,363	33%	Q1 2024
1134206	Bus Layover Facility at Eastlake	●	◆	7/31/2024	1,630	2,557	927	56%	●	\$25,558,839	\$25,558,885	\$46	0%	Q1 2024

Q1 2024 Baseline Report

Agency: All, Fund:All, Year: 2024, Qtr: 1st Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

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3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL - Transit														
1134223	South Annex Base	■	◆	7/28/2028	1,437	1,920	483	33%	▲	\$448,000,000	\$448,129,884	\$129,884	0%	Q1 2024
1134232	3d Avenue Corridor Improvements	■	▲	10/15/2024	522	540	18	3%	●	\$3,758,148	\$3,758,148	\$0	0%	Q1 2024
1134237	Auburn to Renton RapidRide Line (I)	■	◆	6/22/2026	1,483	1,837	354	23%	◆	\$118,139,107	\$174,150,727	\$56,011,620	47%	Q1 2024
1134240	Atlantic Base Yard Refurbishment	●	◆	11/3/2027	1,232	2,036	804	65%	▲	\$60,980,371	\$67,700,000	\$6,719,629	11%	Q1 2024
1134243	South Facilities Maintenance HVAC Replacement	■	▲	12/21/2024	854	962	108	12%	●	\$14,454,336	\$14,454,336	\$0	0%	Q1 2024
1134247	Wash and Vacuum Systems Replacement at Central Base	■	◆	8/30/2023	248	400	152	61%	●	\$2,300,882	\$2,300,881	(\$1)	0%	Q1 2024
1134257	Underground Storage Tank Replacement at East Base	■	▲	11/10/2025	1,372	1,475	103	7%	●	\$3,231,195	\$3,231,196	\$1	0%	Q1 2024
1134261	Building Management Systems Replacement	■	◆	10/24/2024	363	729	366	100%	●	\$3,313,427	\$3,313,427	\$0	0%	Q1 2024
1134262	Replacement of Yard Light at East Base	■	▲	8/18/2023	1,048	1,177	129	12%	●	\$4,284,959	\$4,284,957	(\$2)	0%	Q1 2024
1134277	Non-Revenue Vehicle Battery Infrastructure	●	◆	3/11/2024	307	1,335	1,028	334%	▲	\$2,634,191	\$2,688,036	\$53,845	2%	Q1 2024
1134326	Atlantic Base Wash Systems Refurbishment	■	◆	10/10/2025	484	849	365	75%	●	\$3,937,383	\$3,937,384	\$1	0%	Q1 2024
1139338	Construction Management Relocation	■	◆	3/29/2024	634	1,232	598	94%	◆	\$1,900,188	\$2,998,726	\$1,098,538	57%	Q1 2024
1139344	Route 40 Transit Plus Multimodal Corridor	■	●	7/8/2025		1,413		0%	●	\$5,661,519	\$5,661,518	(\$1)	0%	Q1 2024
1139346	Route 44 Transit Plus Multimodal Corridor	■	◆	10/5/2023	683	1,004	321	47%	●	\$3,071,602	\$3,071,602	\$0	0%	Q1 2024
1139357	Central Base Yard Light Replacement	●	◆	10/3/2024	902	1,192	290	32%	◆	\$2,750,464	\$4,388,528	\$1,638,064	59%	Q1 2024
1139358	South Base Yard Light Replacement	●	◆	7/1/2024	553	1,098	545	98%	◆	\$2,490,926	\$3,119,929	\$629,003	25%	Q1 2024
1139367	Interim Base Bus Charging	■	●	1/21/2026		967		0%	●	\$115,931,633	\$115,931,633	\$0	0%	Q1 2024
1139372	Bellevue Base Yard Light Replacement	●	◆	12/20/2024	726	1,270	544	74%	◆	\$1,752,989	\$2,955,185	\$1,202,196	68%	Q1 2024
1141991	100th Street Sidewalk Improvements	■	◆	8/16/2024	1,387	1,688	301	21%	◆	\$3,097,665	\$3,894,637	\$796,972	25%	Q1 2024
3760 UNINCORPORATED KING COUNTY CAPITAL - Other														
1144055	Fall City Septic	●	■						■					Q1 2024

# Q1 2024 Baseline Report

Agency: All, Fund:All, Year: 2024, Qtr: 1st Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3855 COUNTY ROAD MAJOR MAINTENANCE - Roads Services Division</b>														
1135998	Ames Lake Trestle Bridge #1320A Replacement	●	◆	3/10/2025	1,245	1,468	223	17%	●	\$10,165,177	\$8,063,162	(\$2,102,015)	-20%	Q1 2024
1135999	Upper Tokul Creek Bridge #271B Replacement	●	◆	12/5/2023	670	978	308	45%	●	\$4,821,976	\$4,232,271	(\$589,705)	-12%	Q1 2024
1136000	Baring Bridge #509A Replacement	●	◆	11/21/2029	2,349	2,749	400	17%	◆	\$20,689,055	\$29,114,974	\$8,425,919	40%	Q1 2024
1136234	NE Woodinville-Duvall Road at NE 172nd Street Culvert Replacement	●	●	8/25/2023	464	466	2	0%	▲	\$4,654,973	\$5,117,179	\$462,206	9%	Q1 2024
1136238	33609 NE 24th Street Culvert Replacement	●	◆	9/30/2024	337	718	381	113%	▲	\$1,275,373	\$1,347,689	\$72,315	5%	Q1 2024
1138913	Boise X Connection Bridge #3055A Replacement	●	●	10/30/2025	794	794	0	0%	●	\$7,388,781	\$6,301,082	(\$1,087,700)	-14%	Q1 2024
1138914	Fifteen Mile Creek Bridge #493C Replacement	●	◆	8/29/2025	752	1,452	700	93%	●	\$6,152,242	\$6,001,592	(\$150,651)	-2%	Q1 2024
1138918	16th Avenue SW Pedestrian Improvements and Traffic Calming	●	◆	10/31/2025	588	714	126	21%	●	\$2,370,086	\$1,997,268	(\$372,818)	-15%	Q1 2024
1138947	46913 284th Avenue S - Culvert Replacement - Fish Passage	●	▲	9/22/2023	414	435	21	5%	◆	\$1,001,398	\$1,650,496	\$649,099	64%	Q1 2024
1140858	244th Avenue NE and State Route 202 - Winter 2020 Quick Response	●	◆	8/30/2024	310	666	356	114%	●	\$3,722,835	\$3,421,253	(\$301,582)	-8%	Q1 2024
1141001	Tolt Bridge #1834A - NE Tolt Hill RD - Winter 2020 Repair	●	◆	10/3/2024	504	622	118	23%	●	\$3,208,670	\$2,594,593	(\$614,077)	-19%	Q1 2024
1141111	2019-20 Guardrail Preservation Tier 3	●	◆	8/4/2023	267	484	217	81%	●	\$1,750,200	\$1,660,584	(\$89,616)	-5%	Q1 2024
1142035	Economy and Climate Equity ADA Ramps	●	▲	11/13/2024	490	531	41	8%	●	\$1,542,246	\$1,501,459	(\$40,788)	-2%	Q1 2024
1142850	Duvall Slough Bridge #1136B - Redeck	●	●	8/30/2024	422	422	0	0%	●	\$2,055,144	\$1,710,091	(\$345,054)	-16%	Q1 2024
1143337	2021-22 Guardrail Preservation	●	◆	5/5/2025	309	595	286	92%	▲	\$1,166,754	\$1,205,274	\$38,520	3%	Q1 2024
1145300	RSD 2023 COUNTYWIDE PAVEMENT PRESERVATION	●	◆	8/31/2024	327	389	62	18%	●	\$1,410,540	\$1,231,983	(\$178,557)	-12%	Q1 2024
1147048	RSD 2024 COUNTYWIDE PAVEMENT PRESERVATION	●	●	10/31/2024	241	241	0	0%	●	\$3,849,531	\$3,849,531	\$0	0%	Q1 2024

# Q1 2024 Baseline Report


Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
<b>3865 KING COUNTY ROAD CONSTRUCTION - Roads Services Division</b>														
1129595	NE Old Cascade Hwy (Miller River Bridge 999W West) Culvert Replacement	◆	◆	10/31/2023	748	2,142	1,394	186%	●	\$2,300,000	\$2,091,753	(\$208,247)	-9%	Q1 2024
1129596	NE Old Cascade Hwy (Miller River Bridge 999W East) Culvert Replacement	●	◆	10/31/2023	748	2,140	1,392	186%	●	\$2,750,000	\$1,801,934	(\$948,066)	-34%	Q1 2024
1134081	Redmond Ridge Drive NE Roundabout	●	◆	3/25/2024	529	1,601	1,072	202%	◆	\$1,380,000	\$2,186,379	\$806,379	58%	Q1 2024
<b>3901 SOLID WASTE CONSTRUCTION - Solid Waste</b>														
1033497	South County Recycling and Transfer Station	●	●	2/23/2026	1,904	1,809	-95	-4%	◆	\$144,383,000	\$200,224,719	\$55,841,718	38%	Q1 2024
1133918	Cedar Hills Regional Landfill Facilities Relocation	●	●	10/29/2027	1,409	1,410	1	0%	●	\$165,085,826	\$165,085,826	\$0	0%	Q1 2024
<b>3910 LANDFILL RESERVE - Solid Waste</b>														
1129844	Cedar Hills Regional Landfill Pump Station Repairs	●	◆	8/20/2023	281	907	626	222%	◆	\$2,986,597	\$3,669,521	\$682,924	22%	Q1 2024
1133924	Cedar Hills Regional Landfill North Flare Station Electrical	●	◆	7/27/2023	406	1,003	597	147%	◆	\$3,977,578	\$7,103,737	\$3,126,159	78%	Q1 2024
<b>3951 BUILDING REPAIR AND REPLACEMENT SUBFUND - Facilities Mgmt</b>														
1117106	Children and Family Justice Center	●	▲	7/28/2021	1,963	2,000	37	1%	▲	\$211,955,000	\$243,012,978	\$31,057,978	14%	Q1 2024
1122048	AFIS Property Management Unit Planning	●	◆	3/6/2020	506	795	289	57%	●	\$9,798,961	\$9,798,961	\$0	0%	Q1 2024
1132306	KCIT Radio In-Building Conversion	●	◆	12/15/2021	555	1,156	601	108%	▲	\$3,237,943	\$3,472,703	\$234,760	7%	Q1 2024
1132641	Archives Building Tenant Improvements	●	◆	1/25/2021	99	581	482	486%	◆	\$1,556,137	\$2,111,424	\$555,287	35%	Q1 2024
1133706	AFIS Relocation to Black River	●	◆	1/29/2021	273	595	322	117%	●	\$2,672,610	\$2,672,610	\$0	0%	Q1 2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122161 Parks Central Maintenance Facility STANDALONE

Target Baseline Date	05/31/2018	
Actual Baseline Date	07/31/2018	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Parks and Recreation	
Contact	Brenda Bradford	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Active Recreation Repair and Renovation	
Subportfolio	Asset & Facility Improvement	

Last updated by KC\xyao on 4/22/2024 3:14:57 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/1/2014	4/3/2017	Completed	\$115,871	\$115,871	\$69,776
2 Preliminary Design	4/4/2017	6/21/2018	Completed	\$1,328,241	\$1,327,337	\$1,430,254
3 Final Design	6/22/2018	9/7/2022	Completed	\$5,293,000	\$5,268,584	\$5,223,138
4 Implementation	9/8/2022	1/8/2025	In Progress	\$53,810,797	\$25,523,445	\$54,201,235
5 Closeout	1/9/2025	3/27/2026	Not Started	\$562,000	\$0	\$150,001
6 Acquisition	9/1/2015	4/3/2018	Completed	\$2,323,042	\$2,322,645	\$2,358,546
Total				\$63,432,951	\$34,557,881	\$63,432,950

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/1/2014	4/3/2017	\$115,561
2 Preliminary Design	4/4/2017	6/21/2018	\$968,000
3 Final Design	6/22/2018	12/30/2019	\$4,100,000
4 Implementation	12/31/2019	10/13/2022	\$35,957,085
5 Closeout	10/14/2022	10/23/2024	\$150,001
6 Acquisition	9/1/2015	4/3/2018	\$2,322,645
Total			\$43,613,292

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122161 Parks Central Maintenance Facility STANDALONE

Scope  Yellow

### Scope Variance Comment

Conditional Use Permit requirement modified some baseline scope for utilities. See schedule section for additional explanation. City of Renton required additional utility work on adjacent parcels not anticipated in baseline.

### Current Scope

Central Maintenance Facility (Renton Shop) - includes acquisition, design and construction of new buildings with industrial shops, crew areas and operations administration, heavy equipment, vehicle, and materials storage as well as staff and fleet parking on the 5.7 acre site. Project additionally includes extension of new utilities from ROW and private road to the site as well as site distribution of those utilities. The project includes demolition of the existing facilities and utilities along Jefferson. Project also includes provision of sewer connection to County owned (Roads) adjacent parcel and provision of new water service line extension to other Roads' owned parcels which currently are leased by other County agencies (SWD, Fleet, Metro) in accordance with City of Renton Conditional Use Permit requirements.

### Baseline Scope

Central Maintenance Facility (Renton Shop) includes acquisition, design, permitting, construction, and close out activities for the project. The project includes demolition of existing buildings (when new buildings are occupied), new buildings with industrial shops, crew areas and operations administration, and materials storage, 5.7 acres of site redevelopment including extension of new utilities from ROW and private road to the site, site distribution of utilities, and final site improvements which include parking (heavy equipment, fleet, staff, and visitor), yard materials storage, low impact development storm water facilities, access and security controls, and landscaping. The project includes milestone phased construction to allow the site to remain in operations during construction. The project is targeting Zero Energy (base goal) or Energy Petal (stretch goal) Certification.

Schedule  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122161 Parks Central Maintenance Facility STANDALONE

### Schedule Variance Comment

1) Assumptions/situations that have changed after baseline that have added time to the schedule:

- Pre-application for the new design resulted in City requiring Conditional Use Permit, triggering additional studies and efforts in the design after baseline.
- Project is encountering the challenges of the requirements of International Living Future Institute Petal Certification such as navigation of new regulatory processes which were unforeseen. Example 1 – energy modeling in 60% design indicates substantial challenges with achieving net zero energy due to loads from the Shop Building equipment. Design revisions are necessary to reduce conditioned space. Example 2 – value analysis exercise identified areas where program functions can be combined to reduce space and cost.
- The new design Master schedule now incorporates higher level of detail related to commissioning activities to align with commissioning authority contract execution in late 2018.
- Aligning schedule of construction start with schedule of operations move required some adjustments to allow for leases to be executed and preparations at facilities to receive employees to be completed.

2) Assumptions/situations that have changed after baseline that are anticipated to save time in the schedule:

- Moving Operations off site is estimated to result in 4-6 months of schedule savings for the General Contractor as having full access to the site allows more efficient sequencing.

3) Project schedule is showing a 5-month delay to substantial completion resulting from design delay due to delay in construction start. See note 1b for examples of items contributing to delay.

4) Delays associated with review timeframes at City of Renton are extending timeframe between 90% and bid documents.

5) Delays in permitting and procurement are delaying the completion of final design. The Project is in Bid Phase.

6) The project is between Bid Phase and Implementation awaiting construction contract execution.

7) Adjusted schedule of construction to accommodate PM estimated delay time not yet incorporated into change order.

8) Close out period of contract is a best estimate. The project must undergo a year of performance testing once occupied and demonstrate 105% positive energy for 12 months before applying for Energy Petal Certification. This is the reason for the long duration of closeout and the continued projected costs.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/1/2014	4/3/2017	1129	3/1/2014	4/3/2017	1129	Completed
2 Preliminary Design	4/4/2017	6/21/2018	443	4/4/2017	6/21/2018	443	Completed
3 Final Design	6/22/2018	12/30/2019	556	6/22/2018	9/7/2022	1538	Completed
4 Implementation	12/31/2019	10/13/2022	1017	9/8/2022	1/8/2025	853	In Progress
5 Closeout	10/14/2022	10/23/2024	740	1/9/2025	3/27/2026	442	Not Started
6 Acquisition	9/1/2015	4/3/2018	945	9/1/2015	4/3/2018	945	Completed
Substantial Completion Date	10/13/2022			1/8/2025			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/22/2018	10/13/2022	1574	818	51.00%
Current Schedule	6/22/2018	1/8/2025	2392		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122161 Parks Central Maintenance Facility STANDALONE

Cost  Red

### Cost Variance Comment

1) Baseline cost estimate was 2.44M over budget authority.  
2) Three separate cost estimates on 60% design ranged from 15-35% over the baseline cost estimate for construction related costs. Increase in cost is driven by Conditional Use Permit requirements, mitigation fees, enhanced stormwater treatment requirements, escalations/changes in cost/SF due to competitive market, quotas, tariffs, and specificity of the design components required by regulatory agencies; all of which are controlled by forces acting upon the project rather than being driven by increases to square footage since baseline.  
3) Programmatic needs have been re-evaluated resulting in on-going design revisions to reduce the construction cost without compromising the core functions and needs.  
4) Project is targeting Energy Petal Certification to meet SCAP requirements; is one of the registered Living Building Challenge projects. Placeholder assumptions for shop energy usage at 35% baseline based upon existing shop usage were too low. Detailing usage and equipment assumptions typically occurs at 60%. Baseline solar system size was undersized.  
5) Project added budget in 2021-2022 budget.  
6) Permitting delays resulted in escalation and cost estimate updated mid 2021. \$4.5 million additional funds appropriated to reflect escalation and market pricing volatility.  
7) Project bids came in significantly over engineer's estimate. Project estimate updated to include higher than average escalation on the remaining items which require procurement during construction such as heavy equipment and furniture. PSE costs substantially increased during design for undergrounding electrical. Requested additional appropriation of approx. 11.74M in 2022 3rd Omnibus in order to execute construction contract and complete project.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$115,561	\$115,871	\$115,871	\$310	0.00%
2 Preliminary Design	\$968,000	\$1,327,337	\$1,328,241	\$360,241	37.00%
3 Final Design	\$4,100,000	\$5,268,584	\$5,293,000	\$1,193,000	29.00%
4 Implementation	\$35,957,085	\$25,523,445	\$53,810,797	\$17,853,712	50.00%
5 Closeout	\$150,001	\$0	\$562,000	\$411,999	275.00%
6 Acquisition	\$2,322,645	\$2,322,645	\$2,323,042	\$397	0.00%
Total	\$43,613,292	\$34,557,881	\$63,432,951	\$19,819,659	45.44%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139605 PeopleSoft Systems Infrastructure Replacement Project STANDALONE

Target Baseline Date	
Actual Baseline Date	
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	EXECUTIVE SERVICES
Agency	Other
Contact	Carmel Call
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Department/Agency IT
Subportfolio	

Last updated by DNRPIAKaminis on 1/23/2023 1:25:20 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			Not Started		\$0	\$1
2 Preliminary Design			Not Started		\$63,646	\$336,746
3 Final Design			Not Started		\$0	\$0
4 Implementation			Not Started		\$830,892	\$256,483
5 Closeout			Not Started		\$0	\$0
6 Acquisition			Not Started		\$0	\$0
			Total		\$894,538	\$593,230

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
			Total

Baseline Substantial Completion

Scope  Gray

Scope Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139605 PeopleSoft Systems Infrastructure Replacement Project STANDALONE

**Current Scope**  
PeopleSoft Systems Infrastructure Replacement Project – This project will replace the IT infrastructure resources supporting the PeopleSoft production and non-production environments, which are at end of life.

**Baseline Scope**

**Schedule**  Gray

**Schedule Variance Comment**

**Cost**  Gray

**Cost Variance Comment**

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123571 Riverbend Restoration STANDALONE

Target Baseline Date	03/29/2019	
Actual Baseline Date	08/05/2022	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Jon Hansen	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Surface Water Management	
Subportfolio	Ecological Restoration (ERES)	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/16/2015	6/24/2015	Completed	\$130,019	\$130,019	\$135,000
2 Preliminary Design	6/25/2015	3/29/2019	Completed	\$452,670	\$452,670	\$455,000
3 Final Design	3/29/2019	6/18/2020	Completed	\$2,086,676	\$2,086,855	\$860,000
4 Implementation	6/18/2020	3/31/2023	Completed	\$14,350,340	\$13,413,508	\$15,469,393
5 Closeout	4/1/2023	12/29/2023	Completed	\$82,400	\$0	\$0
6 Acquisition			N/A	\$0	\$750	\$750
			<b>Total</b>	<b>\$17,102,106</b>	<b>\$16,083,803</b>	<b>\$16,920,143</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/16/2015	6/24/2015	\$130,019
2 Preliminary Design	6/25/2015	3/29/2019	\$452,670
3 Final Design	3/29/2019	12/15/2021	\$2,168,768
4 Implementation	7/1/2020	5/30/2023	\$15,087,729
5 Closeout	6/1/2023	12/29/2023	\$84,872
6 Acquisition			\$0
		Total	\$17,924,059

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123571 Riverbend Restoration STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

The project will remove and set back levees and revetments where appropriate on the left bank between River Mile 6.5 to 7.5 of the Cedar River to restore floodplain connectivity, enhance floodwater conveyance and storage, and create better spawning and rearing habitat in the existing channel by reducing flow velocity and scour. Three levees/revetments to be modified they include: 1) Cedar Rapids Left Levee that runs south to north along the upstream edge of the project site, 2) the Riverbend Upper levee which runs along the river for the length of the project site; and 3) the Riverbend Lower levee and extensions located downstream from the project site which runs along the river through the Cavanaugh Pond Natural Area. The project will likely be built in phases.

#### Baseline Scope

The project will evaluate the potential to remove and set back levees/revetments on the left bank in this reach to restore floodplain connectivity, enhance floodwater conveyance and storage, and create better spawning and rearing habitat in the existing channel by reducing flow velocity and scour. The two levees/revetments being considered for modification include: 1) Cedar Rapids Left Levee that runs south to north along the upstream edge of the project site, 2) the Riverbend Upper levee which runs along the river for the length of the project site; and 3) the Riverbend Lower levee located downstream from the project site which runs along the river through the Cavanaugh Pond Natural Area. Work includes design and eventual construction of the project.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/16/2015	6/24/2015	159	1/16/2015	6/24/2015	159	Completed
2 Preliminary Design	6/25/2015	3/29/2019	1373	6/25/2015	3/29/2019	1373	Completed
3 Final Design	3/29/2019	12/15/2021	992	3/29/2019	6/18/2020	447	Completed
4 Implementation	7/1/2020	5/30/2023	1063	6/18/2020	3/31/2023	1016	Completed
5 Closeout	6/1/2023	12/29/2023	211	4/1/2023	12/29/2023	272	Completed
6 Acquisition							N/A
Substantial Completion Date	5/30/2023			5/30/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123571 Riverbend Restoration STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/29/2019	5/30/2023	1523	0	0.00%
Current Schedule	3/29/2019	5/30/2023	1523		

Cost  Green

### Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$130,019	\$130,019	\$130,019	\$0	0.00%
2 Preliminary Design	\$452,670	\$452,670	\$452,670	\$0	0.00%
3 Final Design	\$2,168,768	\$2,086,855	\$2,086,676	(\$82,092)	-4.00%
4 Implementation	\$15,087,729	\$13,413,508	\$14,350,340	(\$737,389)	-5.00%
5 Closeout	\$84,872	\$0	\$82,400	(\$2,472)	-3.00%
6 Acquisition	\$0	\$750	\$0	\$0	0.00%
<b>Total</b>	<b>\$17,924,059</b>	<b>\$16,083,803</b>	<b>\$17,102,106</b>	<b>(\$821,953)</b>	<b>-4.59%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133842 Fall City Restoration STANDALONE

Target Baseline Date	11/08/2021	
Actual Baseline Date	11/08/2021	
Council District(s)	3	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Jon Hansen	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Surface Water Management	
Subportfolio	Ecological Restoration (ERES)	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/8/2017	9/20/2018	Completed	\$64,673	\$64,673	\$58,330
2 Preliminary Design	9/21/2018	11/8/2021	Completed	\$1,702,118	\$1,702,118	\$1,896,029
3 Final Design	11/8/2021	2/28/2022	Completed	\$1,836,866	\$1,846,163	\$250,001
4 Implementation	6/27/2022	3/31/2026	In Progress	\$13,901,482	\$12,498,591	\$17,879,919
5 Closeout	4/1/2026	10/30/2026	Not Started	\$10,000	\$3,346	\$0
6 Acquisition	12/8/2017	9/24/2019	Completed	\$0	\$0	\$0
Total				\$17,515,138	\$16,114,890	\$20,084,279

Current Substantial Completion 9/22/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/8/2017	9/20/2018	\$61,566
2 Preliminary Design	9/21/2018	11/8/2021	\$1,701,728
3 Final Design	11/8/2021	2/28/2022	\$1,787,494
4 Implementation	3/1/2022	3/31/2026	\$15,508,585
5 Closeout	4/1/2026	10/30/2026	\$10,609
6 Acquisition	12/8/2017	9/24/2019	\$0
Total			\$19,069,981

Baseline Substantial Completion 12/31/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133842 Fall City Restoration STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

This project will plan, design, and implement the restoration of 150 acres of floodplain for salmon & wildlife habitat by removing a portion of the Barfuse levee and Haffner revetment on the Snoqualmie River. New flood facilities will be constructed further back from the river to provide flood and erosion protection and a section of Neal Road will also be set back to reduce flood damage and provide better access for surrounding landowners. All necessary permits will be acquired, (including local, state, and federal permits & permissions) and will follow County-wide project management standards and procedures.

#### Baseline Scope

This project will plan, design, and implement the restoration of 150 acres of floodplain for salmon & wildlife habitat by removing a portion of the Barfuse levee and Haffner revetment on the Snoqualmie River. New flood facilities will be constructed further back from the river to provide flood and erosion protection and a section of Neal Road will also be set back to reduce flood damage and provide better access for surrounding landowners. All necessary permits will be acquired, (including local, state, and federal permits & permissions) and will follow County-wide project management standards and procedures.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	12/8/2017	9/20/2018	286	12/8/2017	9/20/2018	286	Completed
2 Preliminary Design	9/21/2018	11/8/2021	1144	9/21/2018	11/8/2021	1144	Completed
3 Final Design	11/8/2021	2/28/2022	112	11/8/2021	2/28/2022	112	Completed
4 Implementation	3/1/2022	3/31/2026	1491	6/27/2022	3/31/2026	1373	In Progress
5 Closeout	4/1/2026	10/30/2026	212	4/1/2026	10/30/2026	212	Not Started
6 Acquisition	12/8/2017	9/24/2019	655	12/8/2017	9/24/2019	655	Completed
Substantial Completion Date	12/31/2023			9/22/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/8/2021	12/31/2023	783	-100	-12.00%
Current Schedule	11/8/2021	9/22/2023	683		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133842 Fall City Restoration STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$61,566	\$64,673	\$64,673	\$3,107	5.00%
2 Preliminary Design	\$1,701,728	\$1,702,118	\$1,702,118	\$390	0.00%
3 Final Design	\$1,787,494	\$1,846,163	\$1,836,866	\$49,372	3.00%
4 Implementation	\$15,508,585	\$12,498,591	\$13,901,482	(\$1,607,103)	-10.00%
5 Closeout	\$10,609	\$3,346	\$10,000	(\$609)	-6.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$19,069,981	\$16,114,890	\$17,515,138	(\$1,554,843)	-8.15%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

Target Baseline Date	02/08/2018
Actual Baseline Date	02/09/2018
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	INFORMATION TECHNOLOGY
Agency	King County Information Technology
Contact	David Mendel
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Emergency Communications
Subportfolio	



Last updated by KC\wood on 2/13/2023 10:13:14 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$29,114	\$0
2 Preliminary Design			N/A	\$0	\$114,342	\$0
3 Final Design	7/1/2015	9/15/2017	Completed	\$21,161,470	\$24,439,380	\$20,052,985
4 Implementation	9/18/2017	6/30/2023	In Progress	\$244,963,067	\$245,730,142	\$240,984,010
5 Closeout	7/1/2023	6/30/2024	Not Started	\$13,141,346	\$0	\$25,529,229
6 Acquisition			Not Started	\$0	\$651,367	\$0
Total				\$279,265,883	\$270,964,344	\$286,566,224

Current Substantial Completion 12/31/2023


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design	7/1/2015	9/15/2017	\$20,052,985
4 Implementation	9/18/2017	5/7/2021	\$232,522,006
5 Closeout	5/10/2021	12/30/2022	\$7,119,653
6 Acquisition			\$0
Total			\$259,694,644

Baseline Substantial Completion 5/7/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

The Puget Sound Emergency Radio Network (PSERN) project will replace the existing land mobile radio system by implementing a cost effective network using state of the art technology that meets the high standards and requirements of multi-jurisdictional critical life safety responders and general governmental users throughout King County.

Scope includes construction of radio sites, network design, implementation of electronic equipment, system testing, training for end users, removal of KCERCS equipment (old analog equipment) and deployment of end user devices which includes 18,000 new radios.

In 2019 the Joint Board approved adding 3 additional sites (King 5 - Motorola, Interurban Hotel - Motorola, Renton City Hall - PSERN), and two sites will be modified (Bellevue City Hall-PSERN and Northeast - PSERN) to increase the on-street coverage that enhances the coverage inside buildings in the metropolitan areas.

#### Baseline Scope

The Puget Sound Emergency Radio Network (PSERN) project will replace the existing land mobile radio system by implementing a cost effective network using state of the art technology that meets the high standards and requirements of multi-jurisdictional critical life safety responders and general governmental users throughout King County.

Scope includes construction of radio sites, network design, implementation of electronic equipment, system testing, training for end users, removal of KCERCS equipment and deployment of end user devices.

Schedule  Red

### Schedule Variance Comment

The project is currently reporting a 13 month delay in schedule. Leasing delays incurred thus far are impacting all downstream activities.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design	7/1/2015	9/15/2017	807	7/1/2015	9/15/2017	807	Completed
4 Implementation	9/18/2017	5/7/2021	1327	9/18/2017	6/30/2023	2111	In Progress
5 Closeout	5/10/2021	12/30/2022	599	7/1/2023	6/30/2024	365	Not Started
6 Acquisition							Not Started
Substantial Completion Date	5/7/2021			12/31/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/1/2015	5/7/2021	2137	968	45.00%
Current Schedule	7/1/2015	12/31/2023	3105		

Cost  Yellow

### Cost Variance Comment

\$5M of the capital costs increase is due to re-characterizing the debt service costs into the capital project costs.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$29,114	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$114,342	\$0	\$0	0.00%
3 Final Design	\$20,052,985	\$24,439,380	\$21,161,470	\$1,108,485	6.00%
4 Implementation	\$232,522,006	\$245,730,142	\$244,963,067	\$12,441,061	5.00%
5 Closeout	\$7,119,653	\$0	\$13,141,346	\$6,021,693	85.00%
6 Acquisition	\$0	\$651,367	\$0	\$0	0.00%
Total	\$259,694,644	\$270,964,344	\$279,265,883	\$19,571,239	7.54%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Motorola Solutions Inc	Other	\$112,453,534	12/17/2014	12/14/2034	12	\$17,110,911
Summit Solutions	Construction	\$22,902,396	09/08/2017	12/31/2021	0	\$0
KPFF	Construction Management	\$2,000,000	07/06/2017	07/06/2020	0	\$0
Odelia Pacific Corporation	Design/Engineering	\$11,200,000	12/05/2014	12/05/2021	1	\$2,000,000
Mastec	Construction	\$2,500,000	11/07/2016	11/07/2018	0	\$0
Mastec	Construction	\$1,750,000	03/23/2017	03/23/2018	0	\$0
Mastec	Construction	\$2,500,000	07/22/2016	01/18/2018	0	\$0
Thermobond	Other	\$4,500,000	03/25/2016	03/29/2022	0	\$0
Valmont Structures	Other	\$4,500,000	06/01/2016	12/31/2021	0	\$0
Fire Protection Inc	Other	\$1,020,000	03/01/2017	02/28/2022	0	\$0
Steelhead	Construction	\$9,010,646	05/29/2019	12/31/2021	0	\$0
Sterling	Construction	\$1,899,147	05/29/2019	12/31/2021	1	\$98,000
Saybr	Construction	\$4,483,482	07/10/2019	12/31/2021	0	\$0
IMKO / TKK	Construction	\$4,668,306	09/04/2019	12/31/2021	2	\$200,000
Cannon	Construction	\$1,900,000	08/23/2019	08/31/2021	0	\$0
Televate	Other	\$1,409,920	04/23/2020	06/30/2022	1	\$700,000
Total		\$188,697,431			17	\$20,108,911

### RMP-2. Contract Change Explanation

<p>Motorola Solutions</p> <ul style="list-style-type: none"> <li>• Change Order #1 - Changes to Project Schedule and Summary of Contract Milestones (\$0)</li> <li>• Change Order #2 - Changes to Schedule of Payments (\$0)</li> <li>• Change Order #3 - Scope of Work and Price (\$1,823,081.35)</li> <li>• Change Order #4 - Scope of Work and Price (\$1,057,892.95)</li> <li>• Change Order #5 - Scope of Work and Price (\$2,584,281.76)</li> <li>• Change Order #6 - Price List - Exhibit 2 (\$0)</li> <li>• Change Order #7 - Adjust counts of MSI control stations and consolettes (\$247,902.55)</li> <li>• Change Order #8 - Dispatch center console additions, enhanced on street coverage to benefit in-building coverage, site development changes (\$8,380,528.33)</li> <li>• Change Order #9 - Fuel spill containment @ Vashon (\$59,956.40)</li> <li>• Change Order #10 - Control Station and Subscriber Equipment and Software (\$2,010,261.23)</li> <li>• Change Order #11 - Leasing &amp; generator costs @ IBC sites, previous credit, add. install @ 2 DC's, and early equip. delivery (\$401,032)</li> <li>• Change Order #12 - (\$)</li> </ul> <p>Odelia Pacific</p> <p>Change Order# 5 added \$2M due to unforeseen site design changes directed by PSERN such as: sites selection challenges, permitting/engineering/infrastructure/leasing &amp; landlord/environmental assessments challenges and complications</p>
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### RMP-3. Current Quarter's Key Activities

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

Motorola:

Milestone 2B - Install and Test Site DC Power Systems Equipment

Milestone 2C - Install and Test Microwave Equipment and Software

Milestone 2K - Install and Test LMR Central Control Equipment and Software (All Sites Serving Primary Bounded Coverage Area,  
Highway 410 and I-90 )

Milestone 2L- Install and Test LMR Base Station Equipment and Software (All Sites Serving Primary Bounded Coverage Area and  
Highway 410)

Milestone 2N- Install and Test MPLS System and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)

Milestone 2O - Install and Test DC System

Milestone 2P - Install and Test Site Backhaul System and Software (All Sites Serving I-90)

Milestone 2Q- Install and Test LMR Base Station Equipment and Software (All Sites Serving I-90)

Milestone 2R - Install and Test Site Alarm and Video Systems Equipment and Software (All Sites Serving I-90)

Milestone 2S - Install and Test Dispatch Equipment and Software, CAD Switch Interface

Milestone 2T - Install and Test Control Stations

Milestone 2U - Install and Test ISSI Integration and Tunnel Systems Integration Equipment and Software

Milestone 2V - Install and Test VHF/UHF

Milestone 2W - Completion of Training for Dispatcher Train-the-Trainers

Milestone 2X - Development of Subscriber Templates and System Voice Group Mapping

Milestone 2Y - IBC Sites

Milestone 3A - System Optimization & RF Coverage Testing for Primary Bounded Area and Highway 410

Milestone 3B - System Optimization & RF Coverage for I-90

Milestone 3I - Install and Test I-90 Repeater Backhaul System and Software

Milestone 3J - Factory Maintenance Training Session 2 and Other Training

Milestone 4C - Program, Deliver, Install and Test Mobile Subscriber Equipment (1000 Units)

Milestone 4F - Program, Deliver and Test Portable Subscriber Equipment

Milestone 4X - Install and Test DC System and Software (All sites serving Hwy 2)

Milestone 4Y - Install and Test Backhaul System and Software (All Sites Serving Highway 2)

Milestone 4Z - Install and Test LMR Base Station Equipment and Software (All Sites Serving Highway 2)

Milestone 4Z.2 - System Optimization & RF Coverage Testing for Highway 2

## RMP-4. Next Quarter's Key Activities

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1126875 Puget Sound Emergency Radio Network STANDALONE

Motorola:

Milestone 2B - Install and Test Site DC Power Systems Equipment

Milestone 2O - Install and Test DC System

Milestone 2P - Install and Test Site Backhaul System and Software (All Sites Serving I-90)

Milestone 2Q- Install and Test LMR Base Station Equipment and Software (All Sites Serving I-90)

Milestone 2U - Install and Test ISSI Integration and Tunnel Systems Integration Equipment and Software

Milestone 2V - Install and Test VHF/UHF

Milestone 2Y - IBC Sites

Milestone 3A - System Optimization & RF Coverage Testing for Primary Bounded Area

Milestone 3C - Train Users & Deliver User Manuals

Milestone 3H - Deliver Subscriber Templates

Milestone 3J - Factory Maintenance Training Session 2 and Other Training

Milestone 4C - Program, Deliver, Install and Test Mobile Subscriber Equipment

Milestone 4D - Program, Deliver and Test Portable Subscriber Equipment

Milestone 4E - Program, Deliver and Test Portable Subscriber Equipment

Milestone 4H - Program, Deliver, Install and Test Mobile Subscriber Equipment

Milestone 4I - Program, Deliver and Test Portable Subscriber Equipment

Milestone 4J - Program, Deliver and Test Portable Subscriber Equipment

Milestone 4L - Program, Deliver, Install and Test Mobile Subscriber Equipment

Milestone 4Q - Program, Deliver, Install and Test Mobile Subscriber Equipment

Milestone 4S - Program, Deliver, Install and Test Mobile Subscriber Equipment

Milestone 4X - Install and Test DC System and Software (All sites serving Hwy 2)

Milestone 4Y - Install and Test Backhaul System and Software (All Sites Serving Highway 2)

Milestone 4Z - Install and Test LMR Base Station Equipment and Software (All Sites Serving Highway 2)

### RMP-5. Closely Monitored Issues & Risk Summary

- Delays in end user radio deployment
  - > Mitigation(s) - The Project is adding additional staff to assist in planning for deployment and transition, streamlining the code-plugin development process, and working with agencies to cross reference radios, agencies wave to code-plugs.
- Delays in developing radio programming data
  - > Mitigation(s) - The Project is developing initial radio programming plans and working with Agencies to gain acceptance of the plan.
- Project implementation may be longer than planned.
  - > Mitigation – Use Project Management best practices to hold all parties accountable for meeting the project schedule.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135085 Runway 14L-32R Rehabilitation STANDALONE

Target Baseline Date	07/27/2023
Actual Baseline Date	07/27/2023
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Airport Division
Contact	Kristin Cline
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Airfield & Infrastructure
Subportfolio	



Last updated by KC\efotheringill on 4/26/2024 9:14:13 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/5/2021	3/31/2023	Completed	\$1,342,437	\$1,098,867	\$0
2 Preliminary Design	3/27/2023	7/27/2023	Completed	\$564,552	\$1,543,784	\$0
3 Final Design	7/27/2023	10/17/2023	Completed	\$1,314,206	\$66,998	\$910,000
4 Implementation	4/10/2024	12/31/2024	In Progress	\$29,112,869	\$49,963	\$29,043,655
5 Closeout	1/1/2025	12/31/2025	Not Started	\$0	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$32,334,064</b>	<b>\$2,759,612</b>	<b>\$29,953,655</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/5/2021	3/31/2023	\$1,342,437
2 Preliminary Design	3/27/2023	7/27/2023	\$564,552
3 Final Design	7/27/2023	10/20/2023	\$1,314,206
4 Implementation	4/10/2024	12/31/2024	\$29,112,869
5 Closeout	1/1/2025	12/31/2025	\$0
6 Acquisition			\$0
		Total	\$32,334,064

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135085 Runway 14L-32R Rehabilitation STANDALONE

Scope  Green


### Scope Variance Comment

#### Current Scope

This project will rehabilitate Runway 14L-32R. The project will be completed in two phases, the first phase being planning and the second phase being construction. The project includes a geotechnical investigation using destructive and nondestructive testing for the entire airport. The second phase will rehabilitate approximately 250,000 square yards of asphalt pavement on Runway 14L- 32R and its connecting taxiways. The project assumes 7" of the existing asphalt will be milled and replaced. It is assumed that 15% of the project area will require sub-base reconstruction if necessary. The project assumes 150 runway edge light fixtures will be removed and replaced with LED technology. Additionally, approximately 3,000 cubic yards of asphalt concrete will be removed at Taxiway A4. Taxiway A4 will be realigned between the primary and secondary runways and constructed at an area of 3,000 square yards composed of 17-inch AC, 6-inch PCC and 6inch aggregate. Approximately 4 airfield sign fixtures and panels along with 1,000 linear feet of electrical cabling and PVC conduit will be installed. The existing four box Precision Approach Path Indicator (PAPI) system will be retrofitted with LED technology and placed on a separate circuit. The project assumes 7,000 linear feet of electrical cabling and conduits will be purchased and installed. Additional work items include, barricades, purchase and installation of an Approach Lighting System with Flashing lights (ALSF)-2 approach lighting system, excavation, grooving, conduit replacement, a supplemental lighted wind cone and an assumed 100 feet of electrical line and PVC conduit, trenching and backfill, 100,000 square feet of white and 12,000 square feet of yellow airfield paint markings and seeding.

#### Baseline Scope

This project will rehabilitate Runway 14L-32R. The project will be completed in two phases, the first phase being planning and the second phase being construction. The project includes a geotechnical investigation using destructive and nondestructive testing for the entire airport. The second phase will rehabilitate approximately 250,000 square yards of asphalt pavement on Runway 14L- 32R and its connecting taxiways. The project assumes 7" of the existing asphalt will be milled and replaced. It is assumed that 15% of the project area will require sub-base reconstruction if necessary. The project assumes 150 runway edge light fixtures will be removed and replaced with LED technology. Additionally, approximately 3,000 cubic yards of asphalt concrete will be removed at Taxiway A4. Taxiway A4 will be realigned between the primary and secondary runways and constructed at an area of 3,000 square yards composed of 17-inch AC, 6-inch PCC and 6inch aggregate. Approximately 4 airfield sign fixtures and panels along with 1,000 linear feet of electrical cabling and PVC conduit will be installed. The existing four box Precision Approach Path Indicator (PAPI) system will be retrofitted with LED technology and placed on a separate circuit. The project assumes 7,000 linear feet of electrical cabling and conduits will be purchased and installed. Additional work items include, barricades, purchase and installation of an Approach Lighting System with Flashing lights (ALSF)-2 approach lighting system, excavation, grooving, conduit replacement, a supplemental lighted wind cone and an assumed 100 feet of electrical line and PVC conduit, trenching and backfill, 100,000 square feet of white and 12,000 square feet of yellow airfield paint markings and seeding.

Schedule  Green

### Schedule Variance Comment



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1135085 Runway 14L-32R Rehabilitation STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/5/2021	3/31/2023	634	7/5/2021	3/31/2023	634	Completed
2 Preliminary Design	3/27/2023	7/27/2023	122	3/27/2023	7/27/2023	122	Completed
3 Final Design	7/27/2023	10/20/2023	85	7/27/2023	10/17/2023	82	Completed
4 Implementation	4/10/2024	12/31/2024	265	4/10/2024	12/31/2024	265	In Progress
5 Closeout	1/1/2025	12/31/2025	364	1/1/2025	12/31/2025	364	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/31/2024			10/31/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/27/2023	10/31/2024	462	0	0.00%
Current Schedule	7/27/2023	10/31/2024	462		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$1,342,437	\$1,098,867	\$1,342,437	\$0	0.00%
2 Preliminary Design	\$564,552	\$1,543,784	\$564,552	\$0	0.00%
3 Final Design	\$1,314,206	\$66,998	\$1,314,206	\$0	0.00%
4 Implementation	\$29,112,869	\$49,963	\$29,112,869	\$0	0.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$32,334,064</b>	<b>\$2,759,612</b>	<b>\$32,334,064</b>	<b>\$0</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141114 A11 Connector Reconstruction AD PAVEMENT REHABILITATION

Target Baseline Date	06/15/2023
Actual Baseline Date	06/15/2023
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Airport Division
Contact	Kristin Cline
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Airfield & Infrastructure
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/10/2021	9/28/2021	Completed	\$13,227	\$32,364	\$0
2 Preliminary Design	1/27/2023	6/15/2023	Completed	\$82,934	\$120,298	\$0
3 Final Design	6/15/2023	4/1/2024	Completed	\$305,469	\$86,655	\$0
4 Implementation	4/1/2024	10/18/2024	In Progress	\$809,779	\$17,715	\$1,450,000
5 Closeout	10/18/2024	6/30/2025	Not Started	\$0	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,211,409	\$257,033	\$1,450,000

Current Substantial Completion 9/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/10/2021	9/28/2021	\$13,227
2 Preliminary Design	1/27/2023	6/15/2023	\$82,934
3 Final Design	6/15/2023	4/1/2024	\$305,469
4 Implementation	4/1/2024	10/18/2024	\$809,779
5 Closeout	10/18/2024	6/30/2025	\$0
6 Acquisition			\$0
Total			\$1,211,409

Baseline Substantial Completion 9/30/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141114 A11 Connector Reconstruction AD PAVEMENT REHABILITATION

Scope  Green

### Scope Variance Comment

#### Current Scope

The pavement condition assessment that was performed in 2018 identified A4 and A11 as critical areas in need of rehabilitation. This project would plan, permit, design, and construct those repairs. Portions of the sub-base/sub-grade might need reconstruction as evidence of Fatigue cracking was reported around the A4-B3 connectors. The lowest PCI reported in that area is 49.

#### Baseline Scope

The pavement condition assessment that was performed in 2018 identified A4 and A11 as critical areas in need of rehabilitation. This project would plan, permit, design, and construct those repairs. Portions of the sub-base/sub-grade might need reconstruction as evidence of Fatigue cracking was reported around the A4-B3 connectors. The lowest PCI reported in that area is 49.

Schedule  Green


### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/10/2021	9/28/2021	202	3/10/2021	9/28/2021	202	Completed
2 Preliminary Design	1/27/2023	6/15/2023	139	1/27/2023	6/15/2023	139	Completed
3 Final Design	6/15/2023	4/1/2024	291	6/15/2023	4/1/2024	291	Completed
4 Implementation	4/1/2024	10/18/2024	200	4/1/2024	10/18/2024	200	In Progress
5 Closeout	10/18/2024	6/30/2025	255	10/18/2024	6/30/2025	255	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/30/2024			9/30/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/15/2023	9/30/2024	473	0	0.00%
Current Schedule	6/15/2023	9/30/2024	473		

Cost  Green

# Q1 2024 Baseline Detail Report

## 1141114 A11 Connector Reconstruction AD PAVEMENT REHABILITATION

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$13,227	\$32,364	\$13,227	\$0	0.00%
2 Preliminary Design	\$82,934	\$120,298	\$82,934	\$0	0.00%
3 Final Design	\$305,469	\$86,655	\$305,469	\$0	0.00%
4 Implementation	\$809,779	\$17,715	\$809,779	\$0	0.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,211,409	\$257,033	\$1,211,409	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141122 Stormwater Pipe Replacement Phase III AD AIRPORT STORMWATER PROGRAM

Target Baseline Date	12/12/2023
Actual Baseline Date	12/12/2023
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Airport Division
Contact	Kristin Cline
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Environmental
Subportfolio	

Last updated by KC\efotheringill on 4/26/2024 9:14:13 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/1/2021	10/25/2021	Completed	\$512,280	\$937,901	\$0
2 Preliminary Design	10/26/2021	12/12/2023	Completed	\$319,223	\$10,499	\$0
3 Final Design	12/12/2023	3/29/2024	Completed	\$631,866	\$23,556	\$0
4 Implementation	3/29/2024	12/1/2024	In Progress	\$4,092,820	\$3,532	\$5,100,000
5 Closeout	12/1/2024	1/15/2025	Not Started	\$11,152	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$5,567,341	\$975,488	\$5,100,000

Current Substantial Completion 10/18/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/1/2021	10/25/2021	\$512,280
2 Preliminary Design	10/26/2021	12/12/2023	\$319,223
3 Final Design	12/12/2023	3/29/2024	\$631,866
4 Implementation	3/29/2024	12/1/2024	\$4,092,821
5 Closeout	12/1/2024	1/15/2025	\$11,152
6 Acquisition			\$0
Total			\$5,567,341

Baseline Substantial Completion 10/18/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141122 Stormwater Pipe Replacement Phase III AD AIRPORT STORMWATER PROGRAM

Scope  Green

### Scope Variance Comment

#### Current Scope

This project will remove existing stormwater pipes at King County International Airport and replace them with new ones. This project assumes all stormwater pipes in the four priority levels identified in the 2018 stormwater evaluation will be replaced. The project assumes that approximately 250 linear feet of 48-inch, 200 linear feet of 36-inch, 650 linear feet of 24-inch, 1,200 linear feet of 18-inch, 2,300 linear feet of 12-inch, and 1,900 linear feet of 8-inch concrete stormwater pipes will be removed and replaced with new. The project assumes trenches will be 10-feet deep with a disturbance width of 6-feet and 60% in asphalt and 40% in grass. Saw cutting will be used in areas containing asphalt. The project will remove approximately 100 linear feet of existing security fencing and replace it with new security fence once the project is completed. It is assumed that 500 feet of temporary fencing will be purchased and installed while work is being performed. Additional work items include trenching, back fill, asphalt removal, and paving. This project assumes that existing hand/manholes, vaults and catch basins will not be replaced. Additional stormwater capacity enhancements of may be also performed.

#### Baseline Scope

This project will remove existing stormwater pipes at King County International Airport and replace them with new ones. This project assumes all stormwater pipes in the four priority levels identified in the 2018 stormwater evaluation will be replaced. The project assumes that approximately 250 linear feet of 48-inch, 200 linear feet of 36-inch, 650 linear feet of 24-inch, 1,200 linear feet of 18-inch, 2,300 linear feet of 12-inch, and 1,900 linear feet of 8-inch concrete stormwater pipes will be removed and replaced with new. The project assumes trenches will be 10-feet deep with a disturbance width of 6-feet and 60% in asphalt and 40% in grass. Saw cutting will be used in areas containing asphalt. The project will remove approximately 100 linear feet of existing security fencing and replace it with new security fence once the project is completed. It is assumed that 500 feet of temporary fencing will be purchased and installed while work is being performed. Additional work items include trenching, back fill, asphalt removal, and paving. This project assumes that existing hand/manholes, vaults and catch basins will not be replaced. Additional stormwater capacity enhancements of may be also performed.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	3/1/2021	10/25/2021	238	3/1/2021	10/25/2021	238	Completed
2 Preliminary Design	10/26/2021	12/12/2023	777	10/26/2021	12/12/2023	777	Completed
3 Final Design	12/12/2023	3/29/2024	108	12/12/2023	3/29/2024	108	Completed
4 Implementation	3/29/2024	12/1/2024	247	3/29/2024	12/1/2024	247	In Progress
5 Closeout	12/1/2024	1/15/2025	45	12/1/2024	1/15/2025	45	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/18/2024			10/18/2024			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141122 Stormwater Pipe Replacement Phase III AD AIRPORT STORMWATER PROGRAM

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/12/2023	10/18/2024	311	0	0.00%
Current Schedule	12/12/2023	10/18/2024	311		

Cost  Green

### Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$512,280	\$937,901	\$512,280	\$0	0.00%
2 Preliminary Design	\$319,223	\$10,499	\$319,223	\$0	0.00%
3 Final Design	\$631,866	\$23,556	\$631,866	\$0	0.00%
4 Implementation	\$4,092,821	\$3,532	\$4,092,820	\$0	0.00%
5 Closeout	\$11,152	\$0	\$11,152	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$5,567,341	\$975,488	\$5,567,341	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141164 Airfield Electrical System Upgrades Phase III AD AIRFIELD ELECTRICAL UPGRDES

Target Baseline Date	12/12/2023
Actual Baseline Date	12/12/2023
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Airport Division
Contact	Kristin Cline
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Airfield & Infrastructure
Subportfolio	

Last updated by KC\efotheringill on 4/26/2024 9:14:13 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2021	12/21/2021	Completed	\$249,397	\$252,201	\$0
2 Preliminary Design	12/22/2021	12/12/2023	Completed	\$8,248	\$8,248	\$0
3 Final Design	12/12/2023	4/1/2024	Completed	\$239,075	\$122,482	\$0
4 Implementation	4/1/2024	11/29/2024	In Progress	\$3,063,687	\$12,150	\$3,101,587
5 Closeout	11/29/2024	3/31/2025	Not Started	\$1,983	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,562,390	\$395,081	\$3,101,587

Current Substantial Completion 9/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2021	12/21/2021	\$249,397
2 Preliminary Design	12/22/2021	12/12/2023	\$8,248
3 Final Design	12/12/2023	4/1/2024	\$239,075
4 Implementation	4/1/2024	11/29/2024	\$3,063,687
5 Closeout	11/29/2024	3/31/2025	\$1,983
6 Acquisition			\$0
Total			\$3,562,390

Baseline Substantial Completion 9/30/2024



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141164 Airfield Electrical System Upgrades Phase III AD AIRFIELD ELECTRICAL UPGRDES

**Scope**  Green

### Scope Variance Comment

#### Current Scope

The King County International Airport continues to develop its airfield electrical upgrades program started in 2017. This next phase includes the installation of new in-pavement runway guard lights (RGLs) at Bravo 1, Bravo 5, and Bravo 10 connectors, installation of a circuit monitoring system, and regulator upgrades.

#### Baseline Scope

The King County International Airport continues to develop its airfield electrical upgrades program started in 2017. This next phase includes the installation of new in-pavement runway guard lights (RGLs) at Bravo 1, Bravo 5, and Bravo 10 connectors, installation of a circuit monitoring system, and regulator upgrades.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2021	12/21/2021	354	1/1/2021	12/21/2021	354	Completed
2 Preliminary Design	12/22/2021	12/12/2023	720	12/22/2021	12/12/2023	720	Completed
3 Final Design	12/12/2023	4/1/2024	111	12/12/2023	4/1/2024	111	Completed
4 Implementation	4/1/2024	11/29/2024	242	4/1/2024	11/29/2024	242	In Progress
5 Closeout	11/29/2024	3/31/2025	122	11/29/2024	3/31/2025	122	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/30/2024			9/30/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/12/2023	9/30/2024	293	0	0.00%
Current Schedule	12/12/2023	9/30/2024	293		

**Cost**  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141164 Airfield Electrical System Upgrades Phase III AD AIRFIELD ELECTRICAL UPGRDES

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$249,397	\$252,201	\$249,397	\$0	0.00%
2 Preliminary Design	\$8,248	\$8,248	\$8,248	\$0	0.00%
3 Final Design	\$239,075	\$122,482	\$239,075	\$0	0.00%
4 Implementation	\$3,063,687	\$12,150	\$3,063,687	\$0	0.00%
5 Closeout	\$1,983	\$0	\$1,983	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,562,390	\$395,081	\$3,562,390	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127249 MRJC Detention HVAC Replacement DES FMD MMRF 24/7 FACILITY GRP

Target Baseline Date	02/13/2017
Actual Baseline Date	01/17/2019
Council District(s)	5
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Robert Renouard
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 2/19/2021 2:57:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2017	3/6/2017	Completed	\$61,656	\$61,754	\$17,510
2 Preliminary Design	3/6/2017	3/6/2017	Completed	\$15,410	\$17,687	\$4,356
3 Final Design	2/20/2017	4/24/2019	Completed	\$47,734	\$47,734	\$48,703
4 Implementation	2/13/2017	6/30/2022	In Progress	\$3,914,378	\$3,038,579	\$766,412
5 Closeout	7/1/2022	8/9/2022	Not Started	\$1,323	\$6,924	\$6,845
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$4,040,501	\$3,172,679	\$843,826

Current Substantial Completion 9/4/2020

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2017	3/6/2017	\$20,437
2 Preliminary Design	2/13/2017	2/13/2017	\$15,410
3 Final Design	2/20/2017	10/22/2018	\$35,492
4 Implementation	2/13/2017	3/4/2020	\$2,683,040
5 Closeout	3/5/2020	5/21/2020	\$0
6 Acquisition			\$0
Total			\$2,754,379

Baseline Substantial Completion 3/4/2020

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127249 MRJC Detention HVAC Replacement DES FMD MMRF 24/7 FACILITY GRP

Scope  Green

### Scope Variance Comment

#### Current Scope

This project will provide HVAC improvements to 2-Detention Pods, including inmate cell and shower air damper replacements, new air damper and air volume measuring devices at dayroom, and new Siemens controls and programming. Design has already been provided with completion of previous phase of work.

#### Baseline Scope

This project will provide HVAC improvements to 2-Detention Pods, including inmate cell and shower air damper replacements, new air damper and air volume measuring devices at dayroom, and new Siemens controls and programming. Design has already been provided with completion of previous phase of work.

Schedule  Red

### Schedule Variance Comment

Project is currently on hold for COVID-19. The construction contract time is in the process of being extended for up to 1 1/2 years in order to complete the last 5 housing pods. Change Orders are to be expected for additional general conditions, increase in labor rates, and escalation costs.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2017	3/6/2017	63	1/2/2017	3/6/2017	63	Completed
2 Preliminary Design	2/13/2017	2/13/2017	0	3/6/2017	3/6/2017	0	Completed
3 Final Design	2/20/2017	10/22/2018	609	2/20/2017	4/24/2019	793	Completed
4 Implementation	2/13/2017	3/4/2020	1115	2/13/2017	6/30/2022	1963	In Progress
5 Closeout	3/5/2020	5/21/2020	77	7/1/2022	8/9/2022	39	Not Started
6 Acquisition							N/A
Substantial Completion Date	3/4/2020			9/4/2020			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/20/2017	3/4/2020	1108	184	16.00%
Current Schedule	2/20/2017	9/4/2020	1292		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127249 MRJC Detention HVAC Replacement DES FMD MMRF 24/7 FACILITY GRP

### Cost Variance Comment

-

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$20,437	\$61,754	\$61,656	\$41,219	202.00%
2 Preliminary Design	\$15,410	\$17,687	\$15,410	\$0	0.00%
3 Final Design	\$35,492	\$47,734	\$47,734	\$12,242	34.00%
4 Implementation	\$2,683,040	\$3,038,579	\$3,914,378	\$1,231,338	46.00%
5 Closeout	\$0	\$6,924	\$1,323	\$1,323	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,754,379	\$3,172,679	\$4,040,501	\$1,286,122	46.69%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129770 Archives Building Fire Protection Sprinkler System PROGRAMMATIC

Target Baseline Date	03/28/2019
Actual Baseline Date	05/09/2019
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	David Millar
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 11/24/2021 11:20:43 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/6/2017	11/13/2018	Completed	\$10,029	\$10,029	\$3,939
2 Preliminary Design	11/5/2018	6/26/2019	Completed	\$37,871	\$37,871	\$31,042
3 Final Design	6/24/2019	9/16/2020	Completed	\$85,406	\$86,138	\$129,569
4 Implementation	9/16/2020	9/17/2021	Completed	\$979,212	\$1,382,667	\$1,472,767
5 Closeout	9/17/2021	1/14/2022	In Progress	\$533,258	\$13,737	\$8,459
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,645,776	\$1,530,442	\$1,645,776

Current Substantial Completion 1/20/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	9/17/2018	9/28/2018	\$4,760
2 Preliminary Design	10/1/2018	2/18/2019	\$4,196
3 Final Design	2/21/2019	6/28/2019	\$12,569
4 Implementation	7/1/2019	9/6/2019	\$1,417,374
5 Closeout	8/12/2019	10/11/2019	\$8,459
6 Acquisition			\$0
Total			\$1,447,358

Baseline Substantial Completion 9/6/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129770 Archives Building Fire Protection Sprinkler System PROGRAMMATIC

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Archives Building Fire Protection Sprinkler System - This project will change the existing sprinkler system to a pre-action system (dry) and separate the sprinkler main from the Records Bldg. The existing wet system is inappropriate for a record storate facility.

#### Baseline Scope

Archives Building Fire Protection Sprinkler System - This project will change the existing sprinkler system to a pre-action system (dry) and separate the sprinkler main from the Records Bldg. The existing wet system is inappropriate for a record storate facility.

**Schedule**  Red

### Schedule Variance Comment

Schedule delayed due to new fire water service which was not in the original budget scope.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	9/17/2018	9/28/2018	11	3/6/2017	11/13/2018	617	Completed
2 Preliminary Design	10/1/2018	2/18/2019	140	11/5/2018	6/26/2019	233	Completed
3 Final Design	2/21/2019	6/28/2019	127	6/24/2019	9/16/2020	450	Completed
4 Implementation	7/1/2019	9/6/2019	67	9/16/2020	9/17/2021	366	Completed
5 Closeout	8/12/2019	10/11/2019	60	9/17/2021	1/14/2022	119	In Progress
6 Acquisition							N/A
Substantial Completion Date	9/6/2019			1/20/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/21/2019	9/6/2019	197	379	192.00%
Current Schedule	6/24/2019	1/20/2021	576		

**Cost**  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129770 Archives Building Fire Protection Sprinkler System PROGRAMMATIC

Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$4,760	\$10,029	\$10,029	\$5,269	111.00%
2 Preliminary Design	\$4,196	\$37,871	\$37,871	\$33,675	803.00%
3 Final Design	\$12,569	\$86,138	\$85,406	\$72,837	579.00%
4 Implementation	\$1,417,374	\$1,382,667	\$979,212	(\$438,162)	-31.00%
5 Closeout	\$8,459	\$13,737	\$533,258	\$524,799	6,204.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,447,358	\$1,530,442	\$1,645,776	\$198,418	13.71%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129786 Administration Building Fire Alarm Systems STANDALONE

Target Baseline Date	
Actual Baseline Date	05/09/2019
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	David Millar
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\lhongs on 11/24/2021 11:03:28 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/13/2017	8/28/2017	Completed	\$14,976	\$14,976	\$8,860
2 Preliminary Design	9/3/2017	11/15/2018	Completed	\$38,207	\$178,820	\$13,104
3 Final Design	6/14/2019	3/14/2020	Completed	\$21,926	\$21,926	\$60,285
4 Implementation	3/14/2020	9/10/2021	Completed	\$1,143,967	\$1,156,629	\$1,283,368
5 Closeout	9/20/2021	10/29/2021	In Progress	\$3,297	\$4,213	\$9,675
6 Acquisition			Not Started	\$74,102	\$0	\$0
Total				\$1,296,475	\$1,376,563	\$1,375,292

Current Substantial Completion 9/10/2021


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/6/2017	6/26/2017	\$0
2 Preliminary Design	6/6/2017	11/8/2018	
3 Final Design	5/18/2018	11/28/2018	\$66,799
4 Implementation	2/26/2019	10/14/2019	\$1,196,226
5 Closeout	10/15/2019	11/4/2019	\$9,543
6 Acquisition			\$0
Total			\$1,272,568

Baseline Substantial Completion 10/14/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129786 Administration Building Fire Alarm Systems STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Life cycle Renewal and upgrade of existing Admin Bldg. fire alarm system, to the 2015 Fire Systems Standard. Including all devices and panels and mass notification on existing wiring. Existing panels are MXL models which will not have manufacturer support after Oct. 2018 The project has been completed.

#### Baseline Scope

Life cycle Renewal and upgrade of existing Admin Bldg. fire alarm system, to the 2015 Fire Systems Standard. Including all devices and panels and mass notification on existing wiring. Existing panels are MXL models which will not have manufacturer support after Oct. 2018

Schedule  Red

### Schedule Variance Comment

-

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/6/2017	6/26/2017	20	6/13/2017	8/28/2017	76	Completed
2 Preliminary Design	6/6/2017	11/8/2018	520	9/3/2017	11/15/2018	438	Completed
3 Final Design	5/18/2018	11/28/2018	194	6/14/2019	3/14/2020	274	Completed
4 Implementation	2/26/2019	10/14/2019	230	3/14/2020	9/10/2021	545	Completed
5 Closeout	10/15/2019	11/4/2019	20	9/20/2021	10/29/2021	39	In Progress
6 Acquisition							Not Started
Substantial Completion Date	10/14/2019			9/10/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/18/2018	10/14/2019	514	305	59.00%
Current Schedule	6/14/2019	9/10/2021	819		

Cost  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129786 Administration Building Fire Alarm Systems STANDALONE

Cost Variance Comment
-

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$14,976	\$14,976	\$14,976	0.00%
2 Preliminary Design	\$0	\$178,820	\$38,207	\$38,207	0.00%
3 Final Design	\$66,799	\$21,926	\$21,926	(\$44,873)	-67.00%
4 Implementation	\$1,196,226	\$1,156,629	\$1,143,967	(\$52,259)	-4.00%
5 Closeout	\$9,543	\$4,213	\$3,297	(\$6,246)	-65.00%
6 Acquisition	\$0	\$0	\$74,102	\$74,102	0.00%
Total	\$1,272,568	\$1,376,563	\$1,296,475	\$23,907	1.88%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1130853 MRJC Detention Switchboard and Motor Maintenance DES FMD MMRF 24/7 FACILITY GRP

Target Baseline Date	04/25/2018
Actual Baseline Date	05/09/2019
Council District(s)	5
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Robert Renouard
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 2/19/2021 3:31:51 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/1/2019	12/11/2019	Completed	\$16,768	\$32,292	\$0
2 Preliminary Design	12/12/2019	1/31/2020	Completed	\$10,775	\$10,775	\$0
3 Final Design	2/1/2020	2/18/2021	Completed	\$83,718	\$85,304	\$0
4 Implementation	2/22/2021	3/30/2021	In Progress	\$903,010	\$77,333	\$0
5 Closeout	4/1/2021	5/1/2021	Not Started	\$7,039	\$2,444	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,021,310	\$208,148	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/8/2018	3/16/2018	\$0
2 Preliminary Design	3/1/2018	4/25/2018	\$10,594
3 Final Design	3/29/2018	12/12/2018	\$31,686
4 Implementation	5/31/2019	8/30/2019	\$979,011
5 Closeout	9/2/2019	9/20/2019	\$0
6 Acquisition			\$0
Total			\$1,021,291

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1130853 MRJC Detention Switchboard and Motor Maintenance DES FMD MMRF 24/7 FACILITY GRP

Scope  Green

Scope Variance Comment

Current Scope

Baseline Scope

Schedule  Green

Schedule Variance Comment

We had to put out a last minute addendum to the bid information.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	1/8/2018	3/16/2018	67	9/1/2019	12/11/2019	101	Completed
2 Preliminary Design	3/1/2018	4/25/2018	55	12/12/2019	1/31/2020	50	Completed
3 Final Design	3/29/2018	12/12/2018	258	2/1/2020	2/18/2021	383	Completed
4 Implementation	5/31/2019	8/30/2019	91	2/22/2021	3/30/2021	36	In Progress
5 Closeout	9/2/2019	9/20/2019	18	4/1/2021	5/1/2021	30	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/30/2019			3/30/2021			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/29/2018	8/30/2019	519	-96	-18.00%
Current Schedule	2/1/2020	3/30/2021	423		

Cost  Green

Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1130853 MRJC Detention Switchboard and Motor Maintenance DES FMD MMRF 24/7 FACILITY GRP

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$32,292	\$16,768	\$16,768	0.00%
2 Preliminary Design	\$10,594	\$10,775	\$10,775	\$181	2.00%
3 Final Design	\$31,686	\$85,304	\$83,718	\$52,032	164.00%
4 Implementation	\$979,011	\$77,333	\$903,010	(\$76,001)	-8.00%
5 Closeout	\$0	\$2,444	\$7,039	\$7,039	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,021,291	\$208,148	\$1,021,310	\$19	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132355 Northeast District County Wall Replacement STANDALONE

Target Baseline Date	06/04/2018
Actual Baseline Date	05/09/2019
Council District(s)	3
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Kyle Hamilton
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 2/19/2021 3:40:25 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/1/2019	6/18/2019	Completed	\$66,419	\$106,058	\$4,058
2 Preliminary Design	6/1/2019	3/2/2020	Completed	\$21,746	\$66,923	\$24,570
3 Final Design	12/2/2019	9/24/2020	In Progress	\$109,899	\$166,086	\$109,899
4 Implementation	4/1/2021	10/27/2021	Not Started	\$960,290	\$359,284	\$1,019,827
5 Closeout	10/22/2021	12/31/2021	Not Started	\$8,423	\$0	\$8,423
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$1,166,777	\$698,351	\$1,166,777

Current Substantial Completion 10/22/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/1/2018	2/1/2018	\$40,412
2 Preliminary Design	2/1/2018	2/25/2018	\$8,452
3 Final Design	2/12/2019	9/5/2019	\$109,899
4 Implementation	9/6/2019	11/7/2019	\$999,591
5 Closeout	11/8/2019	1/30/2020	\$8,423
6 Acquisition			\$0
Total			\$1,166,777

Baseline Substantial Completion 11/7/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132355 Northeast District County Wall Replacement STANDALONE

**Scope**  Green


### Scope Variance Comment

#### Current Scope

A recent study to investigate water leaks at the building revealed extensive damage to the exterior wall. This project will remove the cracking stucco and windows, repair the wood structure, and install a new exterior wall assembly with appropriate flashings to prevent water leaks in the future.

#### Baseline Scope

A recent study to investigate water leaks at the building revealed extensive damage to the exterior wall. This project will remove the cracking stucco and windows, repair the wood structure, and install a new exterior wall assembly with appropriate flashings to prevent water leaks in the future.

**Schedule**  Red

### Schedule Variance Comment

-

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/1/2018	2/1/2018	0	6/1/2019	6/18/2019	17	Completed
2 Preliminary Design	2/1/2018	2/25/2018	24	6/1/2019	3/2/2020	275	Completed
3 Final Design	2/12/2019	9/5/2019	205	12/2/2019	9/24/2020	297	In Progress
4 Implementation	9/6/2019	11/7/2019	62	4/1/2021	10/27/2021	209	Not Started
5 Closeout	11/8/2019	1/30/2020	83	10/22/2021	12/31/2021	70	Not Started
6 Acquisition							Not Started
Substantial Completion Date	11/7/2019			10/22/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/12/2019	11/7/2019	268	422	157.00%
Current Schedule	12/2/2019	10/22/2021	690		

**Cost**  Green



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132355 Northeast District County Wall Replacement STANDALONE

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$40,412	\$106,058	\$66,419	\$26,007	64.00%
2 Preliminary Design	\$8,452	\$66,923	\$21,746	\$13,294	157.00%
3 Final Design	\$109,899	\$166,086	\$109,899	\$0	0.00%
4 Implementation	\$999,591	\$359,284	\$960,290	(\$39,301)	-4.00%
5 Closeout	\$8,423	\$0	\$8,423	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,166,777	\$698,351	\$1,166,777	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134408 DES FMD MMRF BARCLAY DEAN ROOF REPLACEMENT STANDALONE

Target Baseline Date	
Actual Baseline Date	05/08/2019
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Robert Renouard
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 7/26/2019 10:42:44 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/28/2019	5/10/2019	Completed	\$2,649	\$14,772	\$0
2 Preliminary Design	5/13/2019	5/24/2019	Completed	\$2,823	\$4,340	\$0
3 Final Design	5/20/2019	7/11/2019	Completed	\$19,006	\$34,053	\$0
4 Implementation	7/10/2019	9/20/2019	Not Started	\$1,002,836	\$6,095	\$59,261
5 Closeout	9/23/2019	9/30/2019	Not Started	\$0	\$0	\$0
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$1,027,314	\$59,260	\$59,261

Current Substantial Completion 11/4/2019

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2019	3/25/2019	\$0
2 Preliminary Design	3/25/2019	3/25/2019	\$1,412
3 Final Design	3/26/2019	7/15/2019	\$1,740
4 Implementation	7/16/2019	11/4/2019	\$1,024,162
5 Closeout	11/5/2019	12/30/2019	\$0
6 Acquisition			\$0
Total			\$1,027,314

Baseline Substantial Completion 11/4/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134408 DES FMD MMRF BARCLAY DEAN ROOF REPLACEMENT STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Replace existing 20-plus year old roof coverings with 2-ply SBS Modified Bitumen membrane with 30-year warrantee. Work includes demolition of existing roof coverings down to the structural deck and a new roof coverings assembly that includes the addition of ridged insulation to achieve energy and building code compliance.

#### Baseline Scope

Replace existing 20-plus year old roof coverings with 2-ply SBS Modified Bitumen membrane with 30-year warrantee. Work includes demolition of existing roof coverings down to the structural deck and a new roof coverings assembly that includes the addition of ridged insulation to achieve energy and building code compliance.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2019	3/25/2019	83	1/28/2019	5/10/2019	102	Completed
2 Preliminary Design	3/25/2019	3/25/2019	0	5/13/2019	5/24/2019	11	Completed
3 Final Design	3/26/2019	7/15/2019	111	5/20/2019	7/11/2019	52	Completed
4 Implementation	7/16/2019	11/4/2019	111	7/10/2019	9/20/2019	72	Not Started
5 Closeout	11/5/2019	12/30/2019	55	9/23/2019	9/30/2019	7	Not Started
6 Acquisition							Not Started
Substantial Completion Date	11/4/2019			11/4/2019			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/26/2019	11/4/2019	223	-55	-24.00%
Current Schedule	5/20/2019	11/4/2019	168		

**Cost**  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134408 DES FMD MMRF BARCLAY DEAN ROOF REPLACEMENT STANDALONE

Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$14,772	\$2,649	\$2,649	0.00%
2 Preliminary Design	\$1,412	\$4,340	\$2,823	\$1,411	100.00%
3 Final Design	\$1,740	\$34,053	\$19,006	\$17,266	992.00%
4 Implementation	\$1,024,162	\$6,095	\$1,002,836	(\$21,326)	-2.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,027,314	\$59,260	\$1,027,314	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137046 King County Correctional Facility Water Piping Replacement STANDALONE

Target Baseline Date	
Actual Baseline Date	05/26/2020
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Mark Batey
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 11/24/2021 12:04:19 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/6/2019	7/26/2019	Completed	\$659,124	\$659,124	\$659,124
2 Preliminary Design	7/29/2019	11/29/2019	Completed	\$377,129	\$377,129	\$491,309
3 Final Design	12/2/2019	10/5/2020	Not Started	\$1,145,275	\$1,145,275	\$1,577,049
4 Implementation	10/12/2020	3/25/2022	In Progress	\$21,318,472	\$15,998,517	\$20,536,524
5 Closeout	2/28/2022	4/29/2022	Not Started	\$0	\$25,001	\$235,994
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$23,500,000	\$18,205,046	\$23,500,000

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/2/2019	7/2/2019	\$479,833
2 Preliminary Design	9/16/2019	12/6/2019	\$377,129
3 Final Design	12/9/2019	1/31/2020	\$1,061,385
4 Implementation	2/3/2020	6/17/2021	\$21,345,659
5 Closeout	6/18/2021	10/7/2021	\$235,994
6 Acquisition			\$0
Total			\$23,500,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137046 King County Correctional Facility Water Piping Replacement STANDALONE

Scope  Green


### Scope Variance Comment

#### Current Scope

Project 1137046 – DES FMD MMR KCCF Water Pipe Replacement  
This project will replace the potable hot and cold water piping in the King County Correctional Facility.

#### Baseline Scope

Project 1137046 – DES FMD MMR KCCF Water Pipe Replacement  
This project will replace the potable hot and cold water piping in the King County Correctional Facility.

Schedule  Red

### Schedule Variance Comment

Contractor construction schedule durations were finalized in September of 2020 after a July 2020 resolution of DAJD escort staffing arrangements were established. Both of these steps occurred after the baseline was set in May of 2020 and caused adjustments to the schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/2/2019	7/2/2019	0	5/6/2019	7/26/2019	81	Completed
2 Preliminary Design	9/16/2019	12/6/2019	81	7/29/2019	11/29/2019	123	Completed
3 Final Design	12/9/2019	1/31/2020	53	12/2/2019	10/5/2020	308	Not Started
4 Implementation	2/3/2020	6/17/2021	500	10/12/2020	3/25/2022	529	In Progress
5 Closeout	6/18/2021	10/7/2021	111	2/28/2022	4/29/2022	60	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/17/2021			2/25/2022			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/9/2019	6/17/2021	556	260	46.00%
Current Schedule	12/2/2019	2/25/2022	816		

Cost  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137046 King County Correctional Facility Water Piping Replacement STANDALONE

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$479,833	\$659,124	\$659,124	\$179,291	37.00%
2 Preliminary Design	\$377,129	\$377,129	\$377,129	\$0	0.00%
3 Final Design	\$1,061,385	\$1,145,275	\$1,145,275	\$83,890	8.00%
4 Implementation	\$21,345,659	\$15,998,517	\$21,318,472	(\$27,187)	0.00%
5 Closeout	\$235,994	\$25,001	\$0	(\$235,994)	-100.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$23,500,000	\$18,205,046	\$23,500,000	\$0	0.00%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
DLR Group	Design/Engineering	\$2,500,000	09/25/2019	06/01/2022	0	\$0
OAC Services	Construction Management	\$2,000,000	10/04/2019	06/01/2022	0	\$0
University Mechanical	Construction	\$15,480,000	01/29/2020	08/17/2022	0	\$0
Shinn Mechanical	Other	\$5,000,000	07/01/2019	07/01/2022	0	\$0
	Total	\$24,980,000			0	\$0

### RMP-2. Contract Change Explanation

No Changes

### RMP-3. Current Quarter's Key Activities

Construction work plans, Site Safety plans, coordination of onsite activities/shutdowns, submittals, crew background checks, and shop fabrication tickets were the primary efforts this quarter to prepare for construction activities onsite starting 10/19/2020.

### RMP-4. Next Quarter's Key Activities

Construction kick-off to start next quarter on 10/19 with each shift consisting of a critical shutdown to install an entire riser that services occupied tanks/cells. Coordination with DAJD and Operations critical component to mitigating impact as much as possible Majority of risers from L7 thru L11 in the South, East and North wings will be completed. Planning activities will continue taking place for the L6 mechanical room and horizontal branch outs on the lower levels.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137046 King County Correctional Facility Water Piping Replacement STANDALONE

### RMP-5. Closely Monitored Issues & Risk Summary

Potential claims by the Contractor. Potential impacts due to the on-going litigation.



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121044 Circle River Ranch Flood Risk Reduction STANDALONE

Target Baseline Date	05/19/2023	
Actual Baseline Date	05/19/2023	
Council District(s)	3	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Chase Barton	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Flood District Contract	
Subportfolio	Containment	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2018	11/30/2017	Completed	\$26,321	\$38,171	\$0
2 Preliminary Design	8/12/2018	5/19/2023	Completed	\$1,145,466	\$1,289,258	\$0
3 Final Design	5/19/2023	3/29/2024	In Progress	\$3,016	\$139,638	\$0
4 Implementation	7/9/2024	9/18/2024	Not Started	\$19,956	\$0	\$2,124,400
5 Closeout	9/26/2024	3/15/2025	Not Started	\$4,653	\$67	\$0
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$1,199,412</b>	<b>\$1,467,134</b>	<b>\$2,124,400</b>

Current Substantial Completion 9/11/2024


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2018	11/30/2017	\$38,171
2 Preliminary Design	8/12/2018	5/19/2023	\$1,265,669
3 Final Design	5/19/2023	3/29/2024	\$404,025
4 Implementation	7/9/2024	9/18/2024	\$423,349
5 Closeout	9/26/2024	3/15/2025	\$18,201
6 Acquisition			\$0
			<b>Total</b>
			<b>\$2,149,416</b>

Baseline Substantial Completion 9/11/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121044 Circle River Ranch Flood Risk Reduction STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

This project will evaluate actions to reduce long term risks from channel migration in the Circle River Ranch Neighborhood on the South Fork Snoqualmie River.

#### Baseline Scope

This project will evaluate actions to reduce long term risks from channel migration in the Circle River Ranch Neighborhood on the South Fork Snoqualmie River.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2018	11/30/2017	-33	1/2/2018	11/30/2017	-33	Completed
2 Preliminary Design	8/12/2018	5/19/2023	1741	8/12/2018	5/19/2023	1741	Completed
3 Final Design	5/19/2023	3/29/2024	315	5/19/2023	3/29/2024	315	In Progress
4 Implementation	7/9/2024	9/18/2024	71	7/9/2024	9/18/2024	71	Not Started
5 Closeout	9/26/2024	3/15/2025	170	9/26/2024	3/15/2025	170	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/11/2024			9/11/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/19/2023	9/11/2024	481	0	0.00%
Current Schedule	5/19/2023	9/11/2024	481		

**Cost**  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121044 Circle River Ranch Flood Risk Reduction STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$38,171	\$38,171	\$26,321	(\$11,850)	-31.00%
2 Preliminary Design	\$1,265,669	\$1,289,258	\$1,145,466	(\$120,203)	-9.00%
3 Final Design	\$404,025	\$139,638	\$3,016	(\$401,009)	-99.00%
4 Implementation	\$423,349	\$0	\$19,956	(\$403,393)	-95.00%
5 Closeout	\$18,201	\$67	\$4,653	(\$13,549)	-74.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,149,416	\$1,467,134	\$1,199,412	(\$950,004)	-44.20%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129574 Black River Pump Station High-Use Engines STANDALONE

Target Baseline Date	10/04/2019	
Actual Baseline Date	10/04/2019	
Council District(s)	5	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Fatin Kara	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Flood District Contract	
Subportfolio	Miscellaneous	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/13/2017	7/2/2018	Completed	\$252,513	\$252,513	\$0
2 Preliminary Design	1/7/2018	10/4/2019	Completed	\$2,195,859	\$2,280,365	\$0
3 Final Design	10/4/2019	3/30/2021	Completed	\$1,983,112	\$2,263,966	\$0
4 Implementation	5/23/2020	7/31/2024	In Progress	\$4,297,228	\$5,882,690	\$12,740,727
5 Closeout	7/31/2024	1/31/2025	Not Started	\$0	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$8,728,711	\$10,679,533	\$12,740,727

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	9/13/2017	7/2/2018	\$252,513
2 Preliminary Design	1/7/2018	10/4/2019	\$1,193,825
3 Final Design	10/4/2019	5/22/2020	\$444,620
4 Implementation	5/23/2020	4/1/2021	\$3,457,650
5 Closeout	4/1/2021	10/1/2021	\$31,209
6 Acquisition			\$0
Total			\$5,379,817

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129574 Black River Pump Station High-Use Engines STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

This project will design and build the first phase of renovations to the Black River pump station, replacing the three smaller pump engines which run much more frequently than the other, larger pump engines.

#### Baseline Scope

This project will design and build the first phase of renovations to the Black River pump station, replacing the three smaller pump engines which run much more frequently than the other, larger pump engines.

**Schedule**  Red

### Schedule Variance Comment

Schedule has been extended by global supply chain issues relative to parts for pump and gear drive refurbishments. Schedule has also been impacted by warranty repairs to refurbished P1 gear drive.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	9/13/2017	7/2/2018	292	9/13/2017	7/2/2018	292	Completed
2 Preliminary Design	1/7/2018	10/4/2019	635	1/7/2018	10/4/2019	635	Completed
3 Final Design	10/4/2019	5/22/2020	231	10/4/2019	3/30/2021	543	Completed
4 Implementation	5/23/2020	4/1/2021	313	5/23/2020	7/31/2024	1530	In Progress
5 Closeout	4/1/2021	10/1/2021	183	7/31/2024	1/31/2025	184	Not Started
6 Acquisition							N/A
Substantial Completion Date	7/1/2021			6/24/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/4/2019	7/1/2021	636	1089	171.00%
Current Schedule	10/4/2019	6/24/2024	1725		

**Cost**  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129574 Black River Pump Station High-Use Engines STANDALONE

### Cost Variance Comment

Construction cost has increased to replace fish screens that were damaged by flooding. Additional increases for early action mechanical upgrades are projected but not yet negotiated.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$252,513	\$252,513	\$252,513	\$0	0.00%
2 Preliminary Design	\$1,193,825	\$2,280,365	\$2,195,859	\$1,002,033	84.00%
3 Final Design	\$444,620	\$2,263,966	\$1,983,112	\$1,538,491	346.00%
4 Implementation	\$3,457,650	\$5,882,690	\$4,297,228	\$839,578	24.00%
5 Closeout	\$31,209	\$0	\$0	(\$31,209)	-100.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$5,379,817	\$10,679,533	\$8,728,711	\$3,348,893	62.25%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1131549 Herzman to Camp Freeman Levee Setback and Repair STANDALONE

Target Baseline Date	08/01/2024	
Actual Baseline Date	02/25/2022	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Chase Barton	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Flood District Contract	
Subportfolio	Containment	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/21/2016	3/19/2021	Completed	\$94,828	\$20,493	\$0
2 Preliminary Design	3/20/2021	8/1/2024	In Progress	\$1,534,785	\$1,472,566	\$0
3 Final Design	8/1/2024	6/1/2023	Not Started	\$877,648	\$1,545,915	\$0
4 Implementation	6/2/2023	10/17/2024	In Progress	\$7,065,674	\$49,046	\$12,026,144
5 Closeout	10/18/2024	3/6/2025	Not Started	\$13,343	\$5,713	\$0
6 Acquisition	10/21/2016	6/1/2023	Completed	\$816,698	\$966,962	\$0
Total				\$10,402,977	\$4,060,695	\$12,026,144

Current Substantial Completion 10/17/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/21/2016	3/19/2021	\$94,828
2 Preliminary Design	3/20/2021	2/25/2022	\$1,534,785
3 Final Design	2/25/2022	6/1/2023	\$877,648
4 Implementation	6/2/2023	10/17/2024	\$7,065,674
5 Closeout	10/18/2024	3/6/2025	\$13,343
6 Acquisition	10/21/2016	6/1/2023	\$816,698
Total			\$10,402,977

Baseline Substantial Completion 10/17/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1131549 Herzman to Camp Freeman Levee Setback and Repair STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

This project will remove and setback a portion of the Herzman Levee along the right (west, northwest) bank of the Cedar River between river mile 6.55 and river mile 6.70 in unincorporated King County. It is anticipated that the project will reduce upstream water surface elevations during flood events; reduce future maintenance needs on the downstream Cedar Trail 2 (CRT2) revetment by reducing the angle at which the river attacks the revetment and by reducing the velocities and shear stresses exerted on this revetment; reduce future maintenance needs on the Herzman Levee; and provide improved riparian and aquatic habitat.

#### Baseline Scope

This project will remove and setback a portion of the Herzman Levee along the right (west, northwest) bank and retrofit the Cedar Trail 2 (CRT2) revetment along the Cedar River between river mile 6.55 and river mile 6.70 in unincorporated King County. It is anticipated that the project will reduce upstream water surface elevations during flood events; reduce future maintenance needs on the downstream CRT2 revetment by reducing the angle at which the river attacks the revetment and by reducing the velocities and shear stresses exerted on this revetment; reduce future maintenance needs on the Herzman Levee and CRT2 Revetment; and provide improved riparian and aquatic habitat.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/21/2016	3/19/2021	1610	10/21/2016	3/19/2021	1610	Completed
2 Preliminary Design	3/20/2021	2/25/2022	342	3/20/2021	8/1/2024	1230	In Progress
3 Final Design	2/25/2022	6/1/2023	461	8/1/2024	6/1/2023	-427	Not Started
4 Implementation	6/2/2023	10/17/2024	503	6/2/2023	10/17/2024	503	In Progress
5 Closeout	10/18/2024	3/6/2025	139	10/18/2024	3/6/2025	139	Not Started
6 Acquisition	10/21/2016	6/1/2023	2414	10/21/2016	6/1/2023	2414	Completed
Substantial Completion Date	10/17/2024			10/17/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/25/2022	10/17/2024	965	-888	-92.00%
Current Schedule	8/1/2024	10/17/2024	77		



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

**1131549 Herzman to Camp Freeman Levee Setback and Repair**

**STANDALONE**

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$94,828	\$20,493	\$94,828	\$0	0.00%
2 Preliminary Design	\$1,534,785	\$1,472,566	\$1,534,785	\$0	0.00%
3 Final Design	\$877,648	\$1,545,915	\$877,648	\$0	0.00%
4 Implementation	\$7,065,674	\$49,046	\$7,065,674	\$0	0.00%
5 Closeout	\$13,343	\$5,713	\$13,343	\$0	0.00%
6 Acquisition	\$816,698	\$966,962	\$816,698	\$0	0.00%
Total	\$10,402,977	\$4,060,695	\$10,402,977	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134344 Stossel Revetment Major Repair STANDALONE

Target Baseline Date	08/31/2022	
Actual Baseline Date	08/16/2022	
Council District(s)	3	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Chase Barton	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Flood District Contract	
Subportfolio	Containment	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/29/2020	8/5/2021	Completed	\$80,944	\$80,944	\$0
2 Preliminary Design	8/5/2021	8/31/2022	Completed	\$202,209	\$202,209	\$0
3 Final Design	8/31/2022	3/27/2023	Completed	\$359,147	\$468,387	\$0
4 Implementation	5/4/2023	12/25/2023	Completed	\$2,509,164	\$4,894	\$3,092,252
5 Closeout	2/15/2024	10/24/2024	Not Started	\$36,629	\$0	\$0
6 Acquisition	3/30/2022	1/3/2023	Completed	\$11,950	\$25,346	\$0
Total				\$3,200,044	\$781,780	\$3,092,252

Current Substantial Completion 12/31/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/29/2020	8/5/2021	\$80,944
2 Preliminary Design	8/5/2021	8/16/2022	\$181,872
3 Final Design	8/16/2022	3/27/2023	\$416,811
4 Implementation	5/4/2023	12/25/2023	\$1,871,625
5 Closeout	2/15/2024	10/24/2024	\$45,759
6 Acquisition	3/30/2022	1/3/2023	\$24,990
Total			\$2,622,001

Baseline Substantial Completion 12/25/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134344 Stossel Revetment Major Repair STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

This project will investigate and implement improvements of up to 700 feet of the Stossel Bridge Right Bank revetment as the result of recent damage from two flood events. The project is located downstream of the Stossel Bridge, also know as the NE Carnation Farm Rd Bridge.

#### Baseline Scope

This project will investigate and implement improvements of up to 700 feet of the Stossel Bridge Right Bank revetment as the result of recent damage from two flood events. The project is located downstream of the Stossel Bridge, also know as the NE Carnation Farm Rd Bridge.

Schedule  Red

### Schedule Variance Comment

Construction was forecasted for Summer 2023 but has shifted to Summer of 2024 pending receipt of permits. The USACE received the permitting application on 6/7/2022 and is still reviewing.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/29/2020	8/5/2021	280	10/29/2020	8/5/2021	280	Completed
2 Preliminary Design	8/5/2021	8/16/2022	376	8/5/2021	8/31/2022	391	Completed
3 Final Design	8/16/2022	3/27/2023	223	8/31/2022	3/27/2023	208	Completed
4 Implementation	5/4/2023	12/25/2023	235	5/4/2023	12/25/2023	235	Completed
5 Closeout	2/15/2024	10/24/2024	252	2/15/2024	10/24/2024	252	Not Started
6 Acquisition	3/30/2022	1/3/2023	279	3/30/2022	1/3/2023	279	Completed
Substantial Completion Date	12/25/2023			12/31/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/16/2022	12/25/2023	496	357	71.00%
Current Schedule	8/31/2022	12/31/2024	853		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134344 Stossel Revetment Major Repair STANDALONE

### Cost Variance Comment

Project design and construction costs have been refined since project baselining. Acquisition of a parcel is also required for project construction as an agreement could not be reached for a permanent easement.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$80,944	\$80,944	\$80,944	\$0	0.00%
2 Preliminary Design	\$181,872	\$202,209	\$202,209	\$20,337	11.00%
3 Final Design	\$416,811	\$468,387	\$359,147	(\$57,664)	-14.00%
4 Implementation	\$1,871,625	\$4,894	\$2,509,164	\$637,540	34.00%
5 Closeout	\$45,759	\$0	\$36,629	(\$9,130)	-20.00%
6 Acquisition	\$24,990	\$25,346	\$11,950	(\$13,040)	-52.00%
Total	\$2,622,001	\$781,780	\$3,200,044	\$578,043	22.05%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139129 Belmondo Levee 2020 Repair STANDALONE

Target Baseline Date	08/12/2022	
Actual Baseline Date	08/12/2022	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Water and Land Resources	
Contact	Chase Barton	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Flood District Contract	
Subportfolio	Maintenance	

Last updated by DNRPIEricksoh on 1/30/2024 4:40:10 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/25/2021	6/17/2021	Completed	\$20,728	\$20,728	\$0
2 Preliminary Design	6/18/2021	8/12/2022	Completed	\$192,672	\$212,656	\$0
3 Final Design	8/12/2022	6/30/2023	Completed	\$145,809	\$250,355	\$0
4 Implementation	7/1/2023	9/1/2023	Completed	\$910,520	\$6,404	\$1,938,269
5 Closeout	9/2/2023	6/1/2024	In Progress	\$18,402	\$53	\$0
6 Acquisition			N/A	\$0	\$5,024	\$0
Total				\$1,288,132	\$495,220	\$1,938,269

Current Substantial Completion 9/1/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/25/2021	6/17/2021	\$20,728
2 Preliminary Design	6/18/2021	8/12/2022	\$212,316
3 Final Design	8/12/2022	6/30/2023	\$181,386
4 Implementation	7/1/2023	9/1/2023	\$937,836
5 Closeout	9/2/2023	6/1/2024	\$18,900
6 Acquisition			\$0
Total			\$1,371,165

Baseline Substantial Completion 9/1/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139129 Belmondo Levee 2020 Repair STANDALONE

Scope  Green

### Scope Variance Comment

### Current Scope

This project will repair approximately 50 feet of damage observed near the upstream end of the revetment. Damages include erosion and scour which have resulted in loss of toe and bank rock, over steepened and undercut banks, and localized bank erosion (scallop).

### Baseline Scope

Schedule  Green

### Schedule Variance Comment

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/25/2021	6/17/2021	143	1/25/2021	6/17/2021	143	Completed
2 Preliminary Design	6/18/2021	8/12/2022	420	6/18/2021	8/12/2022	420	Completed
3 Final Design	8/12/2022	6/30/2023	322	8/12/2022	6/30/2023	322	Completed
4 Implementation	7/1/2023	9/1/2023	62	7/1/2023	9/1/2023	62	Completed
5 Closeout	9/2/2023	6/1/2024	273	9/2/2023	6/1/2024	273	In Progress
6 Acquisition							N/A
Substantial Completion Date	9/1/2023			9/1/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/12/2022	9/1/2023	385	0	0.00%
Current Schedule	8/12/2022	9/1/2023	385		

Cost  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139129 Belmondo Levee 2020 Repair STANDALONE


Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$20,728	\$20,728	\$20,728	\$0	0.00%
2 Preliminary Design	\$212,316	\$212,656	\$192,672	(\$19,643)	-9.00%
3 Final Design	\$181,386	\$250,355	\$145,809	(\$35,576)	-20.00%
4 Implementation	\$937,836	\$6,404	\$910,520	(\$27,316)	-3.00%
5 Closeout	\$18,900	\$53	\$18,402	(\$497)	-3.00%
6 Acquisition	\$0	\$5,024	\$0	\$0	0.00%
Total	\$1,371,165	\$495,220	\$1,288,132	(\$83,033)	-6.06%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1044668 Foothills Regional Trail PROGRAMMATIC

Target Baseline Date	06/07/2016	
Actual Baseline Date	06/07/2016	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Parks and Recreation	
Contact	Anna Markee	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Regional and Public Trails	
Subportfolio	Large Trail Corridors	

Last updated by KC\xyao on 4/22/2024 3:06:43 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2015	3/15/2015	Completed	\$85,000	\$585,196	\$48,806
2 Preliminary Design	3/16/2015	5/14/2016	Completed	\$850,000	\$1,098,589	\$0
3 Final Design	5/15/2016	11/7/2022	Completed	\$3,725,000	\$4,838,956	\$701,500
4 Implementation	11/7/2022	3/15/2024	In Progress	\$23,599,000	\$16,749,368	\$31,034,090
5 Closeout	9/12/2024	12/31/2024	Not Started	\$25,000	\$38,206	\$38,084
6 Acquisition	1/2/2015	6/15/2022	Completed	\$20,000	\$24,764	\$0
Total				\$28,304,000	\$23,335,080	\$31,822,481

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2015	3/15/2015	\$89,581
2 Preliminary Design	3/16/2015	5/14/2016	\$289,542
3 Final Design	5/15/2016	4/14/2018	\$1,258,144
4 Implementation	4/15/2018	12/18/2019	\$7,642,366
5 Closeout	12/19/2019	3/15/2020	\$39,529
6 Acquisition	1/2/2015	12/15/2016	
Total			\$9,319,162

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1044668 Foothills Regional Trail PROGRAMMATIC

### Scope



Red

#### Scope Variance Comment

This project has been broken up into 3 segments due to property issues.

The current scope includes an additional freestanding bridge segment and pier to span the Channel Migration Zone. This project was originally baselined for only Segment A. The variance takes the addition of Segment B into consideration as described below under "Current Scope".

#### Current Scope

Foothills Regional Trail - This project will connect the Foothills Trail system in Pierce County to the Foothills Trail in King County. The project has been segmented into three separate projects to meet environmental, archaeological, safety, and budget constraints. Segment A leaves from 252nd St in Enumclaw and extends 0.8 mile to the Boise Creek bridge. Segment B includes 0.2 mile of trail and a new bridge crossing the White River. It will begin at SE Mud Mountain Road and continue to the White River, including crossing of the river, connecting to the existing trail in Buckley. Segment C will be the final segment and start from the Boise Creek Bridge Segment A terminus to and crossing SE Mud Mountain Rd. to the Segment B start location (approximately 0.1 mile).

#### Baseline Scope

Since 2007, King County Parks has been working in partnership with Pierce County, WSDOT (Washington State Department of Transportation), and the Cities of Enumclaw and Buckley to connect the two-county Foothills Trail system across the White River.

### Schedule



Red

#### Schedule Variance Comment

2Q 2023: Substantial Completion date has been changed to March of 2024 due to Channel Migration Hazard Area required design revision (additional 3rd span across channel migration area) and legal permissions (City of Buckley property agreement(s)) needing Council approval. Project was originally baselined in consideration of Segment A. The variance takes the addition of Segment B into consideration as described above under "Current Scope".

2/26/24 - Per above variance comments, the substantial completion date for Segments B and C is projected to be September 12, 2024.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2015	3/15/2015	72	1/2/2015	3/15/2015	72	Completed
2 Preliminary Design	3/16/2015	5/14/2016	425	3/16/2015	5/14/2016	425	Completed
3 Final Design	5/15/2016	4/14/2018	699	5/15/2016	11/7/2022	2367	Completed
4 Implementation	4/15/2018	12/18/2019	612	11/7/2022	3/15/2024	494	In Progress
5 Closeout	12/19/2019	3/15/2020	87	9/12/2024	12/31/2024	110	Not Started
6 Acquisition	1/2/2015	12/15/2016	713	1/2/2015	6/15/2022	2721	Completed
Substantial Completion Date	11/18/2019			9/12/2024			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1044668 Foothills Regional Trail PROGRAMMATIC

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/15/2016	11/18/2019	1282	1760	137.00%
Current Schedule	5/15/2016	9/12/2024	3042		

### Cost Red

#### Cost Variance Comment

Q1 2024: Project was originally baselined in consideration of Segment A. The variance takes the addition of Segment B and Segment C into consideration as described above under "Current Scope".

Q2 2023: Pending request in 2023 2nd Omnibus for additional funding.

Q1 2023: Additional funding will likely be needed for the completion of Segment C.

Q4 2022: Pending design for Segment C, forecast will be refined in 2023 and budget added as necessary.

Q1 2022: Parks is using Emergent Need Contingency and a 3rd Omnibus request to address cost increases in the project.

The cost variance is related to numerous unforeseen project conditions, including the tribal agencies' recommendation for significant fish habitat restoration as mitigation, the scour repair of the Boise Creek Bridge, significant foundation work at a pinch point location where Boise Creek is adjacent to the trail alignment as well as additional structural retrofit work on the Boise Creek Bridge to create structural tie elements that were missing (contrary to the record drawings). Additionally, the proposed project alignment crosses onto the recently mapped (December, 2019) White River Severe Channel Migration Zone (CMZ). The trail through the CMZ is being redesigned in coordination with the KC Permitting Division to minimize impact to this newly defined critical area. This includes an additional 3rd bridge segment to cross the CMZ at a considerable additional cost. As the design has progressed it was also discovered that the three (3) existing, abandoned piers that will be reused to support the new White River Bridge segments were missing critical reinforcement. This finding is contrary to a previous feasibility report which did document reinforcement bar with the use of radar instrumentation. The necessary retrofit of the existing piers also added additional unanticipated cost to the project. There are also additional costs related to archaeological investigations as related to Cultural Resource permit (DAHP) issuance at a KC Parks acquired trail alignment property.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$89,581	\$585,196	\$85,000	(\$4,581)	-5.00%
2 Preliminary Design	\$289,542	\$1,098,589	\$850,000	\$560,458	194.00%
3 Final Design	\$1,258,144	\$4,838,956	\$3,725,000	\$2,466,856	196.00%
4 Implementation	\$7,642,366	\$16,749,368	\$23,599,000	\$15,956,634	209.00%
5 Closeout	\$39,529	\$38,206	\$25,000	(\$14,529)	-37.00%
6 Acquisition	\$0	\$24,764	\$20,000	\$20,000	0.00%
<b>Total</b>	<b>\$9,319,162</b>	<b>\$23,335,080</b>	<b>\$28,304,000</b>	<b>\$18,984,838</b>	<b>203.72%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1124791 East Lake Sammamish Trail South Sammamish Segment B Design PKS M:E LAKE SAMM TRAIL

Target Baseline Date	09/30/2010	
Actual Baseline Date	09/30/2010	
Council District(s)	6	
Department	NATURAL RESOURCES AND PARKS	
Agency	Parks and Recreation	
Contact	Dee Hall	
RMP Reporting	Yes - Reporting Required	
Publish Quarter	Q1 2024	
Portfolio	Regional and Public Trails	
Subportfolio	Large Trail Corridors	

Last updated by KC\lwzhang on 4/24/2024 10:12:58 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			Completed	\$1,617,302	\$1,637,578	\$0
2 Preliminary Design	7/1/2007	5/31/2010	Completed	\$339,093	\$340,266	\$0
3 Final Design	7/1/2015	2/1/2022	Completed	\$6,600,000	\$6,054,561	\$0
4 Implementation	2/1/2022	12/31/2023	In Progress	\$8,269,507	\$5,996,041	\$16,681,636
5 Closeout	1/1/2024	1/1/2026	N/A	\$0	\$176	\$0
6 Acquisition		9/18/2009	Completed	\$5,734	\$99,505	\$0
Total				\$16,831,636	\$14,128,127	\$16,681,637

Current Substantial Completion 12/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design	7/1/2013	11/1/2015	\$2,907,966
4 Implementation	4/1/2015	6/29/2018	\$23,078,897
5 Closeout			
6 Acquisition			\$0
Total			\$25,986,863

Baseline Substantial Completion 3/1/2018

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1124791 East Lake Sammamish Trail South Sammamish Segment B Design PKS M:E LAKE SAMM TRAIL

### Scope



Yellow

#### Scope Variance Comment

The Inglewood Hill Parking Lot, a 450-ft section of trail that was part of the Inglewood Hill Parking lot has been added to the South Sammamish B project. This short segment in addition to the South Sammamish B segment will complete the ELST.

#### Current Scope

East Lake Sammamish Trail: Design of an alternative, non-motorized transportation corridor and a multi-user recreational trail along 11 miles of a former Burlington Northern Santa Fe (BNSF) railroad corridor on the east side of Lake Sammamish, from Redmond to Issaquah. King County purchased the corridor from BNSF in 1997, and in 2006 opened the existing interim use gravel trail to the public. The King County Parks and Recreation Division spent ten years on master planning, design work, environmental review and resolving legal issues related to this project, with ongoing involvement of a citizen's advisory group and in close coordination with the Cities of Redmond, Sammamish and Issaquah.

The ELST has been designed and constructed in phases based on funding availability. The Redmond segment was complete November 2011; the Issaquah segment was complete June 2013; the North Sammamish Segment was complete July 2015; and South Sammamish A was complete December 2017.

South Sammamish B is the final 3.6-mile trail segment to be redeveloped, thus completing the 11.2 mile East Lake Sammamish Trail (ELST). To expedite construction, this final segment will be constructed in the following two phases.

- Phase 1 – SE 33rd Street to Driveway 9 (Sta 283+70 to Sta 370+70) – 1.65 miles. Construction start anticipated April 2021.
- Phase 2 - Driveway 9 to Inglewood Hill Road (Sta 370+70 to 472+81) – 1.85 miles. Construction start anticipated February 2022.

Trail redevelopment includes a 12-foot-wide paved trail with soft surface shoulders, improved sightlines and safety features at intersections, improved drainage, and six new fish passable culverts. Redevelopment also includes retaining walls, fencing, consistent signage and traffic control measures, wetland mitigation and native landscaping.

#### Baseline Scope

The East Lake Sammamish Master Plan Trail project includes design and construction of an alternative, non-motorized transportation corridor and a multi-user recreational trail along 11 miles of a former Burlington Northern Santa Fe (BNSF) railroad corridor on the east side of Lake Sammamish, from Redmond to Issaquah. The ELST has been designed and constructed in phases based on funding availability.

South Sammamish B is the final 3.6-mile trail segment to be redeveloped, thus completing the 11.2 mile East Lake Sammamish Trail (ELST). This trail segment is between SE 33rd Street and 450-ft south of southern terminus of the North segment (near Inglewood Hill Road Parking lot). Trail redevelopment includes a 12-foot-wide paved trail with soft surface shoulders, improved sightlines and safety features at intersections, improved drainage, and six new fish passable culverts. Redevelopment also includes retaining walls, fencing, consistent signage and traffic control measures, wetland mitigation and native landscaping.

### Schedule



Red

#### Schedule Variance Comment

The variance in the schedule is a result of delays caused by permitting and legal challenges for the South Sammamish B segment.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1124791 East Lake Sammamish Trail South Sammamish Segment B Design PKS M:E LAKE SAMM TRAIL

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							Completed
2 Preliminary Design				7/1/2007	5/31/2010	1065	Completed
3 Final Design	7/1/2013	11/1/2015	853	7/1/2015	2/1/2022	2407	Completed
4 Implementation	4/1/2015	6/29/2018	1185	2/1/2022	12/31/2023	698	In Progress
5 Closeout				1/1/2024	1/1/2026	731	N/A
6 Acquisition					9/18/2009		Completed
Substantial Completion Date	3/1/2018			12/31/2023			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/1/2013	3/1/2018	1704	1401	82.00%
Current Schedule	7/1/2015	12/31/2023	3105		

Cost  Green

### Cost Variance Comment

The cost variance is a result of amount of time that it's taken to complete the 30%, 60% and 90% design. As the design details are finalized the cost estimate reflects the changes. Additionally project costs have increased due to inflation and the schedule impacts resulting from a long permitting process and legal challenges. The cost estimate for South Sammamish B has also increased due to the additional scope of work added by the 450-ft of trail just below the Inglewood Hill Parking Lot.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$1,637,578	\$1,617,302	\$1,617,302	0.00%
2 Preliminary Design	\$0	\$340,266	\$339,093	\$339,093	0.00%
3 Final Design	\$2,907,966	\$6,054,561	\$6,600,000	\$3,692,034	127.00%
4 Implementation	\$23,078,897	\$5,996,041	\$8,269,507	(\$14,809,390)	-64.00%
5 Closeout	\$0	\$176	\$0	\$0	0.00%
6 Acquisition	\$0	\$99,505	\$5,734	\$5,734	0.00%
<b>Total</b>	<b>\$25,986,863</b>	<b>\$14,128,127</b>	<b>\$16,831,636</b>	<b>(\$9,155,227)</b>	<b>-35.23%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1124791 East Lake Sammamish Trail South Sammamish Segment B Design  
PKS M:E LAKE SAMM TRAIL

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Parametrix Inc	Design/Engineering	\$6,600,000	10/01/2015	12/31/2025	0	\$0
	Total	\$6,600,000			0	\$0

### RMP-2. Contract Change Explanation

To expedite construction, the final segment will be constructed in the following two phases.

- Phase 1 – SE 33rd Street to Driveway 9 (Sta 283+70 to Sta 370+70) – 1.75 miles. Construction began July 19, 2021
- Phase 2 - Driveway 9 to Inglewood Hill Road (Sta 370+70 to 472+81) – 1.85 miles. Construction began June 1, 2022.

### RMP-3. Current Quarter's Key Activities

Beginning in 2021 Q3, when Phase 1 moved into the Implementation Phase, charges and associated narrative were reported for project 1141263 PKS S:ELST S SAM SEG B PH1.

Beginning in 2022 Q1, charges and associated narrative for Phase 2 were reported for project 1141261 PKS S:ELST S SAM SEG B PH2.

### RMP-4. Next Quarter's Key Activities

Mitigation monitoring and permitting will continue to be charged to this project.

### RMP-5. Closely Monitored Issues & Risk Summary

Closely monitored issues and risk summary

- Easement negotiations,
- Encroachment removals
- Relocation of power poles
- Relocation and / or installation of drainage utilities
- Cost escalation of materials

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125133 Lake To Sound Trail Segment C - Seatac PKS M:LAKE TO SOUND TRAIL

Target Baseline Date	10/01/2019
Actual Baseline Date	01/21/2020
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	David Shaw
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\xyao on 4/22/2024 3:21:11 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/1/2014	1/23/2016	Completed	\$145,500	\$139,007	\$0
2 Preliminary Design	2/1/2016	8/1/2018	Completed	\$408,800	\$408,205	\$0
3 Final Design	8/1/2018	2/16/2022	Completed	\$1,707,800	\$1,738,804	\$0
4 Implementation	2/17/2022	2/19/2024	Completed	\$9,719,816	\$9,377,069	\$13,470,336
5 Closeout	3/1/2024	3/3/2025	In Progress	\$75,000	\$14	\$0
6 Acquisition	1/4/2016	9/30/2021	Completed	\$520,825	\$520,826	\$0
Total				\$12,577,741	\$12,183,925	\$13,470,336

Current Substantial Completion 9/18/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/1/2014	1/23/2016	\$7,000
2 Preliminary Design	1/24/2016	8/1/2018	\$423,000
3 Final Design	8/2/2018	9/30/2020	\$1,285,000
4 Implementation	10/1/2020	4/1/2023	\$9,673,180
5 Closeout	4/2/2023	4/2/2024	\$75,000
6 Acquisition	1/4/2016	9/30/2020	\$550,000
Total			\$12,013,180

Baseline Substantial Completion 9/30/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125133 Lake To Sound Trail Segment C - Seatac PKS M:LAKE TO SOUND TRAIL

### Scope Red

#### Scope Variance Comment

A formal review of this project was conducted by the Parks Division's internal gate committee on April 20, 2021. The project team proposed and the committee, which is made up of division leadership, accepted breaking this segment into two phases; SeaTac and Burien. By phasing this segment, the shovel ready SeaTac portion of the work can begin while the Burien Segment completes final Design. This report focuses on the SeaTac phase which is 1.8 miles of the total 2.2-mile project. Funding has been secured and a new sub-project has been created for the Burien phase.

#### Current Scope

PKS Lake To Sound Trail Segment C: The project has been broken into phases by jurisdiction, SeaTac Phase and Burien Phase. The acquisition of critical properties was affected by the outbreak of COVID-19 in early 2020 causing significant delays. In addition, complex utility conflicts were discovered in Burien while completing final design that must be resolved before bidding the Burien segment. The County is committed to moving forward on the SeaTac portion of the project due to the WSDOT Funding Agreement that provides the bulk of the funding for the project. Decoupling the segments allows the SeaTac segment to move forward sooner and allows time to resolve the utility conflicts in Burien.

#### Baseline Scope

The project will construct a 2.2-mile segment of the Lake to Sound Trail connecting the south end of Segment B to the Des Moines Creek Park Trail at S. 200th St. in SeaTac. The paved regional trail will pass through the cities of Burien and SeaTac primarily following Des Moines Memorial Dr. WSDOT right-of-way will be used for the trail and some acquisition on private property is required. The project will include a 12-foot paved surface with 2-foot gravel shoulders. Some sections will be narrower due to site and acquisition constraints. The project will also include sections of boardwalk, retaining walls, fences, stormwater facilities, driveway crossings, signage and public art. Funding for the project comes from WSDOT, KC Park Levies, and a State grant from RCO.

### Schedule Red

#### Schedule Variance Comment

Q1-2024: The project reached Substantial Completion in September 2023. The project schedule was extended via Change Orders to provide working days for items added to the contract which included a significant amount of work removing and replacing unsuitable subgrade materials, adding a new section of boardwalk, and various other work tasks. The punch list work is complete with the exception of one minor item. We expect to issue Physical Completion soon. Closeout work has already begun.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/1/2014	1/23/2016	479	10/1/2014	1/23/2016	479	Completed
2 Preliminary Design	1/24/2016	8/1/2018	920	2/1/2016	8/1/2018	912	Completed
3 Final Design	8/2/2018	9/30/2020	790	8/1/2018	2/16/2022	1295	Completed
4 Implementation	10/1/2020	4/1/2023	912	2/17/2022	2/19/2024	732	Completed
5 Closeout	4/2/2023	4/2/2024	366	3/1/2024	3/3/2025	367	In Progress
6 Acquisition	1/4/2016	9/30/2020	1731	1/4/2016	9/30/2021	2096	Completed
Substantial Completion Date	9/30/2022			9/18/2023			



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125133 Lake To Sound Trail Segment C - Seatac PKS M:LAKE TO SOUND TRAIL

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/2/2018	9/30/2022	1520	354	23.00%
Current Schedule	8/1/2018	9/18/2023	1874		

Cost  Yellow

### Cost Variance Comment

Q1-2024: Cost changes on the project have been approved by Change Order which have included extensive reviews by the project team as well as WSDOT, the project funder. Some unexpected, large changes were experienced during construction. Significant changes include removal and repair of unsuitable base material (approx. \$420K increase), additional segment of boardwalk (approx. \$200K), and traffic control items including additional flagging, additional Uniformed Police Officers and temporary rechannelizations. The Contractor has recently requested an equitable adjustment that is being reviewed by the project team and WSDOT.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$7,000	\$139,007	\$145,500	\$138,500	1,979.00%
2 Preliminary Design	\$423,000	\$408,205	\$408,800	(\$14,200)	-3.00%
3 Final Design	\$1,285,000	\$1,738,804	\$1,707,800	\$422,800	33.00%
4 Implementation	\$9,673,180	\$9,377,069	\$9,719,816	\$46,636	0.00%
5 Closeout	\$75,000	\$14	\$75,000	\$0	0.00%
6 Acquisition	\$550,000	\$520,826	\$520,825	(\$29,175)	-5.00%
Total	\$12,013,180	\$12,183,925	\$12,577,741	\$564,561	4.70%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Parametrix Inc	Design/Engineering	\$1,823,698	01/21/2015	12/31/2021	2	\$230,217
Active Construction Inc	Construction	\$6,857,857	02/17/2022	04/20/2022	0	\$0
Total		\$8,681,555			2	\$230,217

### RMP-2. Contract Change Explanation

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125133 Lake To Sound Trail Segment C - Seatac PKS M:LAKE TO SOUND TRAIL

Q1 2024: Change Orders 1 through 4 were approved over the course of the project. They cover increases from various items that were previously unknown to the County. Items that contributed significantly to the cost of the project include a significant amount of unsuitable base material which was removed and replaced and a new segment of boardwalk that was added to cross a previously unknown creek channel.

Q2 2023: Change Order 2 with ACI has been approved. Changes included were reviewed and approved for funding by WDOT prior to execution. The most impactful changes included additional unsuitable subgrade preparation work, reconstruction of the 18th and 196th segment of trail, additional need for uniformed police officers and marked vehicles for traffic control per City requirement, and additional dewatering for retaining wall construction.

The County requested Amendment 38 for Construction Management services. Amendment 40 extended the expiration date of the contract to meet current project schedule. Amendment 42 updated consultant rates.

Change Order 2 with ACI has been approved. Changes have been reviewed and approved by WSDOT for funding. This change included increased costs associated with several items. The most impactful was Unsuitable Subgrade Preparation. Due to an exceptionally wet Spring, a significantly greater volume of unsuitable material was encountered than originally anticipated. This was an unexpected condition that the project has had to respond to.

Construction: Change Order 1 with ACI has been approved. This change included costs associated with previously unknown requirements from the City of SeaTac: A re-channelization on 200th and a requirement for Uniformed Police Officer & Marked Vehicle at traffic control areas on artillery roads

Design/Engineering: Amendments 36 and 37 corrected an error in a past amendment and provide additional design services to address complex right-of-way and acquisition requirements as well as addressing extensive unanticipated design revisions for utility conflict resolution. The original scope and intention of the original contract has not changed

### RMP-3. Current Quarter's Key Activities

Q1-2024: Activities this quarter have focused on completion of remaining punch list items and initiating closeout items. The contractor has been de-mobilized since September of 2023 and has visited the site only for punch list activities. The 1-year plant establishment period ended in December of 2023 and has been signed off on which has initiated the Mitigation Monitoring phase for the mitigation area. Closeout work has included, among other tasks, synchronization of the project files between Parametrix, the KC Parks files and Unifier. Efforts have also focused on the request for equitable adjustment issued by the contractor.

Q2 2023: Critical activities were completed during Q2 : Highlights include completion of boardwalk construction. Boardwalk topping slabs have all been completed and handrails have been installed. Driveway reconstructions and concrete flatwork have all been completed. The project entered a procurement suspension on June 15, 2023 to allow time for the procurement of a traffic signal pole. Prior to suspension, a punch list walkthrough with all key stakeholders was conducted and a preliminary punch list was generated. The contractor has been working on punch list items since that time.

### RMP-4. Next Quarter's Key Activities

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125133 Lake To Sound Trail Segment C - Seatac PKS M:LAKE TO SOUND TRAIL

Activities for the upcoming quarter will be focused on reaching the milestones of Physical Completion then Final Acceptance. Closeout work will also continue. It is anticipated that the equitable adjustment item will be completed this quarter.

Work during Q3 2023 will focus on final completion items. Suspension of the project is expected to continue until early August. Upon delivery of the signal pole, the contractor will remobilize, install the signal pole, and complete the associated concrete work. It is anticipated that Substantial Completion will be issued upon completion of the signal pole work. The punch list will then be finalized, and contractor will complete all items on the list. Of note is the installation of handrail for boardwalk 4 which is delayed in the manufacturing process and expected in September. Once all punch list items are complete, the project will be inspected and opened for public use. Note that a ribbon cutting for the L2SC project is being postponed until the completion of the Burien segment which is expected in the spring or summer of 2024.


### RMP-5. Closely Monitored Issues & Risk Summary

All major risks are past and have been dealt with. The current risks are in the manufacturing and delivery processes of the traffic signal pole and the boardwalk handrail which are being monitored.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129143 Eastrail NE 8th Street Crossing PKS M: EASTRAIL (ERC)

Target Baseline Date	06/27/2019	
Actual Baseline Date	07/30/2019	
Council District(s)	6	
Department	NATURAL RESOURCES AND PARKS	
Agency	Parks and Recreation	
Contact	Colin Worsley	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Regional and Public Trails	
Subportfolio	Large Trail Corridors	

Last updated by KC\xyao on 4/22/2024 3:26:34 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/1/2016	12/30/2016	Completed	\$200,424	\$320,513	\$0
2 Preliminary Design	1/2/2017	2/20/2019	Completed	\$1,271,148	\$1,271,148	\$0
3 Final Design	2/20/2019	1/18/2022	Completed	\$2,495,400	\$2,439,948	\$0
4 Implementation	1/19/2022	7/15/2024	In Progress	\$21,623,556	\$18,286,511	\$27,905,000
5 Closeout	7/16/2024	7/15/2025	Not Started	\$100,000	\$20,610	\$0
6 Acquisition	1/31/2019	6/30/2022	Completed	\$5,711,010	\$2,214,153	\$0
Total				\$31,401,538	\$24,552,883	\$27,905,000

Current Substantial Completion 6/15/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/1/2016	12/31/2016	\$200,000
2 Preliminary Design	1/1/2017	2/20/2019	\$600,000
3 Final Design	2/21/2019	9/30/2020	\$1,700,000
4 Implementation	10/1/2020	6/30/2022	\$15,080,000
5 Closeout	7/1/2022	7/1/2023	\$100,000
6 Acquisition	1/31/2019	6/30/2022	\$6,000,000
Total			\$23,680,000

Baseline Substantial Completion 5/31/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129143 Eastrail NE 8th Street Crossing PKS M: EASTRAIL (ERC)

### Scope



Green

#### Scope Variance Comment

02-23-24: The scope is modified to include additional trail grading restoration work south of the current NE 8th Bridge project limits which regrades and improves the existing trail condition from NE 4th Street to NE 6th Street as part of an interim trail improvement for the Eastrail program. This scope includes grading and compacting trail ballast section, grading and compacting trail crushed rock surfacing for interim trail, concrete transition area and apron near NE 4th Street, rip rap slope stabilization area, gravel seating/storage area grading, signage, and supporting traffic control and TESC.

06-18-19: Design direction to Consultants for final design includes: removal of elevator and associated urban design features; realignment of trail, connector trail to NE 8th, and bridge structure to reduce length of structure; addition of stair north of NE 8th; modification of cladding design to reduce overall coverage; and additional coordination to accommodate installation of Japanese-American heritage interpretive feature.

The only change is that the design will not require the bridge structure type to be a steel truss. Steel truss was the assumed structure during 30% design development in order to meet physical site constraints. The final design scope allows for a bridge type analysis at the outset to determine if an alternate bridge structure type can meet the vertical clearance and grade elevation requirements, while achieving aesthetic and cost criteria for the project.

During Schematic Design Development, the recommended design determined was a standard prefabricated steel truss supported on column piers.

#### Current Scope

The ERC trail will cross NE 8th with an elevated steel truss bridge structure, with ramps on retained fill on both the south and north sides of the intersection. The design must integrate carefully with the design of the Sound Transit Wilburton light rail station and the East Link light rail alignment that shares the ERC ROW and crosses NE 8th in parallel with the trail structure. King County, City of Bellevue and Sound Transit jointly recognize the importance of fully integrating these designs and in carefully integrating streetscape and local connections with this design. The three agencies will partner in this design effort with KC Parks as the lead agency.

#### Baseline Scope

##### MASTER PROGRAM:

The Eastrail (formerly Eastside Rail Corridor) Project includes construction of non-motorized trail for over 16 miles of railbanked corridor. King County is the owner of approximately 15 miles of the corridor, while the remainder of trail will be developed within easements on property owned by Sound Transit and a short segment of WSDOT right of way. The project includes repurposing 5 railroad trestles for trail use, including the historic Wilburton Trestle in Bellevue, and the development of at least one major new trail bridge necessary for a safe road crossing at NE 8th St. in Bellevue. The project is anticipated to be completed in several phases, and in many locations interim (gravel) trail will be constructed prior to the final paved trail.

##### THIS SEGMENT:

The NE 8th St. bridge project is a phase of the Eastrail that includes a steel truss bridge with decorative cladding, retained fill approach ramps, sections of at-grade trail, stairways, and street frontage improvements. The project also requires the acquisition of property rights from private owners and Sound Transit. The total length of the project is approximately 1,000 feet. The complex structure first crosses under elevated Sound Transit guideway, then parallels the tracks as it crosses NE 8th.

### Schedule



Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129143 Eastrail NE 8th Street Crossing PKS M: EASTRAIL (ERC)

### Schedule Variance Comment

02-23-2024: Substantial completion delayed approximately 3.5 months due to issues with production of the raw materials for the railings (American-made steel) and breakdown/repair of equipment used to produce these raw materials at the foundry.

08-02-2023: Substantial completion delayed approximately 5 months due to supply chain issues with American-made stainless steel, which is required for the project's railings.

02-27-2023: Substantial completion delayed approximately 1 month due to fabrication of cladding and railing.

04-21-2022: Construction start was affected by unanticipated schedule delays from concrete labor strike. Result was approximate 2 month delay to Substantial Completion.

2-11-2022: Invitation to Bid / Advertisement was affected by continued unanticipated schedule delays from property acquisition and City of Bellevue Permitting. Bidding period was extended due to multiple questions from bidders requiring addenda and clarifications. Result was approximate 3 month delay to Substantial Completion.

10-27-2021: Acquisitions contributed to additional delay by a couple months. Acquisitions were completed in October 2021.  
05-24-2021: The completion of Final Design has been delayed another 2 months due to unanticipated schedule delays from property acquisition and City of Bellevue Permitting.

02-25-2021: The completion of Final Design has been delayed approximately 6 months due to:

- Coordination with Sound Transit, including completion of a betterment agreement for necessary changes to Sound Transit's station project.
- Unanticipated schedule delays to achieve approval of property acquisition.
- Additional design detailing for the truss and cladding to reduce bid risk.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/1/2016	12/31/2016	183	7/1/2016	12/30/2016	182	Completed
2 Preliminary Design	1/1/2017	2/20/2019	780	1/2/2017	2/20/2019	779	Completed
3 Final Design	2/21/2019	9/30/2020	587	2/20/2019	1/18/2022	1063	Completed
4 Implementation	10/1/2020	6/30/2022	637	1/19/2022	7/15/2024	908	In Progress
5 Closeout	7/1/2022	7/1/2023	365	7/16/2024	7/15/2025	364	Not Started
6 Acquisition	1/31/2019	6/30/2022	1246	1/31/2019	6/30/2022	1246	Completed
Substantial Completion Date	5/31/2022			6/15/2024			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129143 Eastrail NE 8th Street Crossing PKS M: EASTRAIL (ERC)

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/21/2019	5/31/2022	1195	747	62.00%
Current Schedule	2/20/2019	6/15/2024	1942		

Cost  Red

### Cost Variance Comment

Q1 2024: Due to constraints in the ERC ROW at NE 8th and the alignment of the Sound Transit East Link light rail elevated guideway, the alignment for the ERC trail requires acquisition of additional property, with estimated total valuation as budgeted. It is assumed that acquisition would occur concurrent with the design phase and that all necessary ROW would be secured prior to bid.

8-1-2023: Budget revision of \$690K processed in July 2023 closes the gap between the EAC and ITD Budget.

8-17-2022: Schedule delays resulted in need to extend Temporary Construction Easements. Negotiations for extensions occurred during Q1 and Q2, resulting in an increased cost of ~\$537K from last forecast.

10-28-2021: Estimated cost at construction has increased due to rising materials costs and minor new bid item additions in preparing the final estimates for bid. These are recognized in the new implementation phase cost item.

05-24-2021: Design costs have increased due to:

- (1) Unanticipated Right of Way support costs associated with COB permitting;
- (2) Change to deliver the Bellevue Japanese American Agricultural Heritage commemoration (Main Truss Span Component, in addition to North Mixing Zone Component) as an element of the design contract for the NE 8th Street Crossing project. Construction costs have also increased to reflect the implementation and incorporation of the JAH element.

Related acquisition estimated costs being conducted in other projects have been removed in order to align with actuals.

02-25-2021: Design costs have increased due to: (1) Actions to mitigate construction cost risks identified at the 90% cost estimate; (2) Unanticipated Right of Way support costs associated with coordination effort between the acquisition consultant, design consultants, and King County Roads; (3) Design modifications necessary to respond to changed site conditions created by Sound Transit; and (4) Change to deliver the Bellevue Japanese American Agricultural Heritage commemoration (North Mixing Zone Component) as an element of the design contract for the NE 8th Street Crossing project. Construction costs have also increased to reflect the implementation and incorporation of the JAH element. Design costs have increased due to coordination and design accommodations for Sound Transit, City of Bellevue, and the Bellevue Japanese American Agricultural Heritage Project which have affected both project management costs and modifications to the detailed design of the bridge project.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129143 Eastrail NE 8th Street Crossing PKS M: EASTRAIL (ERC)

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$200,000	\$320,513	\$200,424	\$424	0.00%
2 Preliminary Design	\$600,000	\$1,271,148	\$1,271,148	\$671,148	112.00%
3 Final Design	\$1,700,000	\$2,439,948	\$2,495,400	\$795,400	47.00%
4 Implementation	\$15,080,000	\$18,286,511	\$21,623,556	\$6,543,556	43.00%
5 Closeout	\$100,000	\$20,610	\$100,000	\$0	0.00%
6 Acquisition	\$6,000,000	\$2,214,153	\$5,711,010	(\$288,990)	-5.00%
Total	\$23,680,000	\$24,552,883	\$31,401,538	\$7,721,538	32.61%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1131218 Wilburton Trestle Rehabilitation PKS M: EASTRAIL (ERC)

Target Baseline Date	07/22/2021
Actual Baseline Date	02/08/2022
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Linda Frkuska
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\lwzhang on 4/24/2024 10:26:00 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/3/2017	12/31/2020	Completed	\$60,060	\$60,060	\$0
2 Preliminary Design	7/3/2017	4/16/2024	In Progress	\$3,660,419	\$3,666,252	\$0
3 Final Design	12/1/2018	4/16/2024	In Progress	\$4,774,855	\$4,367,166	\$0
4 Implementation	4/16/2024	5/15/2026	Not Started	\$30,453,019	\$421	\$39,135,197
5 Closeout	5/18/2026	12/11/2026	Not Started	\$50,000	\$0	\$0
6 Acquisition	4/1/2018	3/1/2023	In Progress	\$136,844	\$136,844	\$0
Total				\$39,135,197	\$8,230,742	\$39,135,197

Current Substantial Completion


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/3/2017	12/31/2020	\$54,012
2 Preliminary Design	7/3/2017	12/31/2020	\$2,949,684
3 Final Design	12/1/2018	5/31/2022	\$7,047,421
4 Implementation	6/1/2022	12/15/2023	\$22,471,283
5 Closeout	12/18/2023	3/29/2024	\$127,600
6 Acquisition	4/1/2018	5/31/2022	\$250,000
Total			\$32,900,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1131218 Wilburton Trestle Rehabilitation PKS M: EASTRAIL (ERC)

Scope  Green

### Scope Variance Comment

The pedestrian crossing at SE 1st has been removed from this scope; It was planned to be part of the bid as a bid alternate but has since become part of the interim trail from SE 5th to NE 8th project. October 2022 update - SE 5th Street trail crossing improvements will be removed from the Wilburton trestle construction project. King County Parks partnered with the City of Bellevue to apply for a grant through "Safe Streets For All". This grant was not awarded so the trail crossing improvements at SE 5th and SE 1st streets will be included as part of an interim trail project from SE 5th Street to NE 4th Street, to be managed by King County Parks.


The original scope of this project has been reduced significantly per the budget allocated. At time of project startup, WBS codes set up incorrectly so many elements of the final design (phase 3) will continue to be billed to phase 2. For this reason, the schedule has also been adapted to have phases 2 and 3 end at the same time.

### Current Scope

Eastrail Wilburton Trestle: design and construct a regional trail in the Wilburton Segment of Eastrail with a connection to the 1-90/Mountains to Sound Greenway Trail at the south end and the Cross Kirkland Corridor at the north end. It also offers an important connection to the SR 520 Trail. The Wilburton Segment includes design and construction of the historic Wilburton Trestle, providing structural rehabilitation and retrofitting the structure to support the trail. The city of Bellevue is also considering changes in road alignment at SE 5th Street, which may lead to a re-design of the frontage improvements, interim parking and pedestrian crossing at this location.

### Baseline Scope

Eastrail Wilburton Trestle: design and construct a regional trail in the Wilburton Segment of Eastrail with a connection to the 1-90/Mountains to Sound Greenway Trail at the south end and the Cross Kirkland Corridor at the north end. It also offers an important connection to the SR 520 Trail. The Wilburton Segment includes design and construction of the historic Wilburton Trestle, providing structural rehabilitation and retrofitting the structure to support the trail.

Schedule  Red

### Schedule Variance Comment

The project duration increased due to extended permitting timelines and to perform an independent cost estimate, as market conditions and material availability fluctuation. The bidding process was extended due to advertisement over the winter holiday period and extensive bidder questions generated.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/3/2017	12/31/2020	1458	1/3/2017	12/31/2020	1458	Completed
2 Preliminary Design	7/3/2017	12/31/2020	1277	7/3/2017	4/16/2024	2479	In Progress
3 Final Design	12/1/2018	5/31/2022	1277	12/1/2018	4/16/2024	1963	In Progress
4 Implementation	6/1/2022	12/15/2023	562	4/16/2024	5/15/2026	759	Not Started
5 Closeout	12/18/2023	3/29/2024	102	5/18/2026	12/11/2026	207	Not Started
6 Acquisition	4/1/2018	5/31/2022	1521	4/1/2018	3/1/2023	1795	In Progress
Substantial Completion Date	11/10/2023			3/13/2026			


# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1131218 Wilburton Trestle Rehabilitation PKS M: Eastrail (ERC)

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/1/2018	11/10/2023	1805	854	47.00%
Current Schedule	12/1/2018	3/13/2026	2659		

Cost  Red

### Cost Variance Comment

Since the time the project was baselined, the County hired a third-party consultant to provide an independent cost estimate and review the constructability of the project. The market conditions have generated a time of hyperinflation, which led to a significant increase in material costs. This variance has been met through supplemental WA state funding.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$54,012	\$60,060	\$60,060	\$6,048	11.00%
2 Preliminary Design	\$2,949,684	\$3,666,252	\$3,660,419	\$710,735	24.00%
3 Final Design	\$7,047,421	\$4,367,166	\$4,774,855	(\$2,272,566)	-32.00%
4 Implementation	\$22,471,283	\$421	\$30,453,019	\$7,981,736	36.00%
5 Closeout	\$127,600	\$0	\$50,000	(\$77,600)	-61.00%
6 Acquisition	\$250,000	\$136,844	\$136,844	(\$113,156)	-45.00%
Total	\$32,900,000	\$8,230,742	\$39,135,197	\$6,235,197	18.95%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137969 Green to Cedar Trail Ravensdale Culvert Replacement PKS M:GREEN2CEDAR RIVER TRAIL

Target Baseline Date	07/29/2021
Actual Baseline Date	07/30/2021
Council District(s)	9
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Linda Frkuska
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\xyao on 4/22/2024 3:36:57 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	2/3/2020	11/2/2020	Completed	\$7,651	\$7,651	\$0
3 Final Design	11/3/2020	8/6/2021	Completed	\$184,806	\$184,806	\$0
4 Implementation	8/9/2021	10/24/2023	In Progress	\$2,074,800	\$2,129,382	\$2,963,615
5 Closeout	10/24/2023	10/24/2024	Not Started	\$90,000	\$0	\$0
6 Acquisition			N/A	\$10,000	\$0	\$0
Total				\$2,367,257	\$2,321,838	\$2,963,615

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$7,657
3 Final Design	11/3/2020	8/6/2021	\$210,000
4 Implementation	8/9/2021	9/30/2022	\$2,740,270
5 Closeout	10/3/2022	1/31/2023	\$0
6 Acquisition			\$0
Total			\$2,957,927

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137969 Green to Cedar Trail Ravensdale Culvert Replacement PKS M:GREEN2CEDAR RIVER TRAIL

Scope  Green

### Scope Variance Comment

None.

### Current Scope

Green to Cedar Trail Ravensdale Culvert: Remove two fish barrier culverts within Ravensdale Creek in the Black Diamond Open Space (BDOS). One culvert is within an old roadbed, which will be removed and restored as stream channel. The other is within the Green to Cedar Rivers Trail Railroad embankment. This culvert will be removed and replaced with a pedestrian bridge. King County Parks received a grant through the Brian Abbott Fish Barrier Removal Board and is partnering with WSDOT for design and construction. WSDOT is removing their culvert under SR 169 as part of a state injunction. The construction will be completed over two summers (2021 and 2022) within the fish windows. A partial section of the old roadbed through BDOS will be used as a traffic bypass while the SR 169 bridge is replaced, and will then be restored after use.

### Baseline Scope

Green to Cedar Trail Ravensdale Culvert: Remove two fish barrier culverts within Ravensdale Creek in the Black Diamond Open Space (BDOS). One culvert is within an old roadbed, which will be removed and restored as stream channel. The other is within the Green to Cedar Rivers Trail Railroad embankment. This culvert will be removed and replaced with a pedestrian bridge. King County Parks received a grant through the Brian Abbott Fish Barrier Removal Board and is partnering with WSDOT for design and construction. WSDOT is removing their culvert under SR 169 as part of a state injunction. The construction will be completed over two summers (2021 and 2022) within the fish windows. A partial section of the old roadbed through BDOS will be used as a traffic bypass while the SR 169 bridge is replaced, and will then be restored after use.

Schedule  Red

### Schedule Variance Comment

The construction schedule was extended due to very dry conditions in the Fall of 2022, which delayed planting, which would be moved to the Spring 2023. The in-stream work (planting and large woody material) was delayed in Spring 2023 due to excessive water levels in Ravensdale Creek. All planting was completed by October 24, 2023 and the project is now in the 1 year plant warranty period, which is anticipated to conclude October 24, 2024. The WA state grant was extended to December 31, 2024 to allow for this delay. The trail has been open to the public since substantial completion in January 2023.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design				2/3/2020	11/2/2020	273	Completed
3 Final Design	11/3/2020	8/6/2021	276	11/3/2020	8/6/2021	276	Completed
4 Implementation	8/9/2021	9/30/2022	417	8/9/2021	10/24/2023	806	In Progress
5 Closeout	10/3/2022	1/31/2023	120	10/24/2023	10/24/2024	366	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/31/2022			1/4/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137969 Green to Cedar Trail Ravensdale Culvert Replacement PKS M:GREEN2CEDAR RIVER TRAIL

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/3/2020	8/31/2022	666	126	18.00%
Current Schedule	11/3/2020	1/4/2023	792		

**Cost**  Green

### Cost Variance Comment

An RCO grant extension has been secured. The project agreement has been extended to 12-31-2024. Substantial Completion on trail was reached in Jan 2023 but all planting was not completed until Oct. 24, 2023. One year plant acceptance can occur as soon as Oct 24, 2024.

Project completion will be less than budget.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$7,657	\$7,651	\$7,651	(\$6)	0.00%
3 Final Design	\$210,000	\$184,806	\$184,806	(\$25,194)	-12.00%
4 Implementation	\$2,740,270	\$2,129,382	\$2,074,800	(\$665,470)	-24.00%
5 Closeout	\$0	\$0	\$90,000	\$90,000	0.00%
6 Acquisition	\$0	\$0	\$10,000	\$10,000	0.00%
<b>Total</b>	<b>\$2,957,927</b>	<b>\$2,321,838</b>	<b>\$2,367,257</b>	<b>(\$590,670)</b>	<b>-19.97%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138790 Dockton Moorage Renovation Phase 1 PKS M:DOCK REHAB PROGRAM

Target Baseline Date	06/16/2021
Actual Baseline Date	07/30/2021
Council District(s)	8
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Deena Healy
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Active Recreation Repair and Renovation
Subportfolio	Major Park Sites

Last updated by KC\xyao on 8/9/2023 3:09:41 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			Completed	\$0	\$217	\$0
2 Preliminary Design			Completed	\$0	\$387	\$0
3 Final Design	5/11/2020	6/1/2021	Completed	\$440,074	\$126,715	\$0
4 Implementation	6/2/2021	6/30/2022	Completed	\$1,923,815	\$777,957	\$2,500,000
5 Closeout	7/1/2022	6/30/2023	In Progress	\$10,415	\$429	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,374,304	\$905,705	\$2,500,000

Current Substantial Completion 5/31/2022

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design	5/11/2020	6/1/2021	\$186,000
4 Implementation	6/2/2021	12/31/2021	\$2,290,000
5 Closeout	1/1/2021	1/1/2022	\$24,000
6 Acquisition			
Total			\$2,500,000

Baseline Substantial Completion 11/30/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138790 Dockton Moorage Renovation Phase 1 PKS M:DOCK REHAB PROGRAM

### Scope



Green

#### Scope Variance Comment

N/A

#### Current Scope

Dockton Moorage Renovation Phase 1: The purpose of the project is to repair the Dockton Pier.

1. Twelve aging finger piers and the connecting center float will be replaced. The existing access platform will also be replaced.
2. The twelve (total) existing 12-inch creosote-treated pilings associated with the finger piers and floats will be replaced as well as the access platform piling.
3. 40 pilings supporting the fixed pier and restroom structure will be wrapped with black, high-density polyethylene, as will the third piling at the access platform (41 total).
4. Failing steel and timber braces on the fixed pier will be replaced in kind using galvanized steel for replaced steel elements and structural plastic lumber for replaced treated wood elements. Slip resistant paint will be applied to the decking of the fixed pier. New guide wheels and steel wheel guides will be installed on the existing gangway.
5. A former, failed pump out station will be replaced.
6. Eight finger piers that are currently attached to the breakwater pier will be temporarily removed, as will the eight creosote-treated pilings at the ends of those piers. Timber walers on the breakwater pier will be replaced, as needed.

#### Baseline Scope

### Schedule



Red

#### Schedule Variance Comment

2023 Q2: Closedout in progress. Contracts team is working to finalize it.

2023 Q1: Closeout in progress.

2022 Q3: Substantial completion was reached on 5/31/22.

2022 Q2: Marina reopened to the public on 5/27/2022.

2022 Q1: The new floats are being installed and the marina should be fully functional and open by Memorial Day.

2021 Q4: Project delayed due to global supply chain issues. We expect to complete the following project elements in April-May 2022:

- Install new floats for the inner moorage and access dock
- Replace the interior and main walkway floats with ones made of an aluminum frame and fiberglass decking
- Replace timber walers on the breakwater, as needed

2021 Q3: An additional month was added to the original Construction schedule for float procurement. The material delays are connected to regional supply chain issues. Working days were not affected.



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1138790 Dockton Moorage Renovation Phase 1 PKS M:DOCK REHAB PROGRAM

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							Completed
2 Preliminary Design							Completed
3 Final Design	5/11/2020	6/1/2021	386	5/11/2020	6/1/2021	386	Completed
4 Implementation	6/2/2021	12/31/2021	212	6/2/2021	6/30/2022	393	Completed
5 Closeout	1/1/2021	1/1/2022	365	7/1/2022	6/30/2023	364	In Progress
6 Acquisition							N/A
Substantial Completion Date	11/30/2021			5/31/2022			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/11/2020	11/30/2021	568	182	32.00%
Current Schedule	5/11/2020	5/31/2022	750		

Cost  Green

### Cost Variance Comment

N/A

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$217	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$387	\$0	\$0	0.00%
3 Final Design	\$186,000	\$126,715	\$440,074	\$254,074	137.00%
4 Implementation	\$2,290,000	\$777,957	\$1,923,815	(\$366,185)	-16.00%
5 Closeout	\$24,000	\$429	\$10,415	(\$13,585)	-57.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$2,500,000</b>	<b>\$905,705</b>	<b>\$2,374,304</b>	<b>(\$125,696)</b>	<b>-5.03%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139081 Parks Derby Creek Culvert Replacements STANDALONE

Target Baseline Date	07/30/2021
Actual Baseline Date	07/30/2021
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Colin Worsley
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Existing Trail System

Last updated by KC\xyao on 12/19/2023 3:21:37 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2013	5/31/2014	Completed	\$0	\$313	\$0
2 Preliminary Design	6/1/2014	8/31/2015	Completed	\$0	\$0	\$0
3 Final Design	9/1/2015	6/13/2021	Completed	\$11,648	\$12,190	\$0
4 Implementation	6/14/2021	1/20/2022	Completed	\$1,938,352	\$1,913,718	\$1,910,000
5 Closeout	1/21/2022	3/31/2023	In Progress	\$10,000	\$4,389	\$50,000
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,960,000	\$1,930,609	\$1,960,000

Current Substantial Completion 1/20/2022

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2013	5/31/2014	\$0
2 Preliminary Design	6/1/2014	8/31/2015	\$0
3 Final Design	9/1/2015	3/31/2020	\$300,000
4 Implementation	4/1/2020	4/30/2021	\$700,000
5 Closeout	1/1/2021	1/1/2022	\$120,000
6 Acquisition			\$0
Total			\$1,120,000

Baseline Substantial Completion 1/31/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139081 Parks Derby Creek Culvert Replacements STANDALONE

Scope  Green

### Scope Variance Comment

N/A

### Current Scope

Derby Culvert Replacements - Replace two fish impassable culverts and reconstruct 800 linear feet of channel in Derby Creek near the confluence of the Sammamish River. Other improvements include planting approximately 1 acre of native vegetation and constructing a gravel bar for juvenile salmon refuge at the confluence of the Derby Creek with the Sammamish River. This is a Clean Water Healthy Habitat project.

### Baseline Scope

Derby Culvert - Replace two fish impassable culverts and reconstruct 800 linear feet of channel in Derby Creek near the confluence of the Sammamish River. Other improvements include planting approximately 1 acre of native vegetation and constructing a gravel bar for juvenile salmon refuge at the confluence of the Derby Creek with the Sammamish River. This is a Clean Water Healthy Habitat project.

Schedule  Red

### Schedule Variance Comment

Closeout finish date extended by approx. 2 months. Consulting contract closeout not complete (Parametrix). Waiting for Consultant to finish uploading all CM documents. Contractor contract closeout not complete (OMA). Waiting for LNI and DOR final releases, delayed due to previous audit with LNI that is not completed.

Implementation Finish date has pushed out 4 months based on delays of Contractor providing documentation needed for final payment, including DCMS entries. The Implementation Finish date was previously 05-31-22.

Substantial Completion granted on 01-20-2022 (20 calendar days or 14 working days later than 2021 Q4 Forecast). This additional duration is due to unworkable (weather) days.

Clearing & Grading permit from King County DLS Permitting was delayed. King County DLS Permitting requirements for C&G permit resulted in construction advertisement delay. Pre-cast culverts and associated walls will be Owner furnished due to permit delay. Construction needs to occur during the in-water work window (late summer). Delays in permitting have resulted in postponing construction until the 2021 season (start in late spring).

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2013	5/31/2014	515	1/1/2013	5/31/2014	515	Completed
2 Preliminary Design	6/1/2014	8/31/2015	456	6/1/2014	8/31/2015	456	Completed
3 Final Design	9/1/2015	3/31/2020	1673	9/1/2015	6/13/2021	2112	Completed
4 Implementation	4/1/2020	4/30/2021	394	6/14/2021	1/20/2022	220	Completed
5 Closeout	1/1/2021	1/1/2022	365	1/21/2022	3/31/2023	434	In Progress
6 Acquisition							N/A
Substantial Completion Date	1/31/2021			1/20/2022			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139081 Parks Derby Creek Culvert Replacements STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/1/2015	1/31/2021	1979	354	17.00%
Current Schedule	9/1/2015	1/20/2022	2333		

**Cost**  Red

### Cost Variance Comment

The following cost changes have occurred since the baseline:

- Final design costs increased due to additional efforts necessary to complete the plans and bid documents in preparation of bid advertisement.
- Construction cost estimate increased at 90 percent design to account for inflation and additional bid items.
- Construction management services consultant cost increased because the complexity of the project warranted more inspection and oversight than originally anticipated
- Consultant and King County staff time necessary to complete the plans and bid documents in preparation of bid advertisement was higher than expected due to King County DLS Permitting review.
- Contractor bid was higher than Engineer's Estimate by \$400,000
- Slight increase in Actual Costs for Prelim and Final Design.
- Cost increases to Construction due to some adjustments for final quantities. Cost increases to Construction PM (KC Parks) for staff time due to the extension of the overall schedule; working with Contractor because of change in Contractor staff (bringing them up to speed; Unifier training); permit closeout; and meeting grant requirements.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$313	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$300,000	\$12,190	\$11,648	(\$288,352)	-96.00%
4 Implementation	\$700,000	\$1,913,718	\$1,938,352	\$1,238,352	177.00%
5 Closeout	\$120,000	\$4,389	\$10,000	(\$110,000)	-92.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,120,000</b>	<b>\$1,930,609</b>	<b>\$1,960,000</b>	<b>\$840,000</b>	<b>75.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139638 Skyway Park Improvements Phase 1 PKS M:SKYWAY PARK

Target Baseline Date	06/16/2021
Actual Baseline Date	02/09/2022
Council District(s)	2
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Mary Lear
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Active Recreation Repair and Renovation
Subportfolio	Major Park Sites

Last updated by KC\lwzhang on 4/24/2024 10:23:06 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/3/2017	6/1/2017	Completed	\$50,541	\$52,938	\$0
2 Preliminary Design	6/1/2017	11/30/2017	Completed	\$109,833	\$2,465	\$0
3 Final Design	12/1/2017	1/12/2022	Completed	\$69,962	\$229,586	\$0
4 Implementation	1/13/2022	7/31/2024	In Progress	\$3,216,803	\$2,298,952	\$3,044,440
5 Closeout	8/1/2024	12/31/2024	Not Started	\$10,000	\$30,255	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,457,138	\$2,614,196	\$3,044,440

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/3/2017	6/30/2021	\$50,000
2 Preliminary Design	6/1/2017	11/30/2017	\$110,000
3 Final Design	12/1/2017	7/30/2021	\$400,000
4 Implementation	8/2/2021	8/31/2022	\$2,327,947
5 Closeout	9/1/2022	10/31/2022	\$10,000
6 Acquisition			\$0
Total			\$2,897,947

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139638 Skyway Park Improvements Phase 1 PKS M:SKYWAY PARK

**Scope**  Green

### Scope Variance Comment

An additional \$1,000,000 was appropriated to the program in the 2021/2022 budget and is accounted for in this forecast as "Construction 2022" line item. The scope for this \$1,000,000 is for construction items.

Basketball and hockey court resurfacing and painting was added to the scope. There is a Department of Commerce grant (\$100,940.00) for the work.

A gate for the soccer field was added to the scope.

### Current Scope

Skyway Park Improvements: This project will make multiple including installing adding adult fitness equipment, upgrading fencing, lighting, restrooms, ADA access, repurposing poorly draining ballfields to a grassy meadow, and creating a new pedestrian entry way.

### Baseline Scope

Skyway Park Improvements: This project will make multiple including installing adding adult fitness equipment, upgrading fencing, lighting, restrooms and ADA access, repurposing poorly draining ballfields to a grassy meadow, and creating a new pedestrian entry way.

**Schedule**  Green

### Schedule Variance Comment

Permitting took longer than anticipated. In addition, the additional \$1,000,000 appropriated in 2021/2022 will likely not be completely spent until 2022, so I shifted out the end of the implementation phase to allow for spending that money.

8/6/2022: The change proposal requests, Kraken hoop/goals and geotechnical services during construction were added to the costs.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/3/2017	6/30/2021	1549	4/3/2017	6/1/2017	59	Completed
2 Preliminary Design	6/1/2017	11/30/2017	182	6/1/2017	11/30/2017	182	Completed
3 Final Design	12/1/2017	7/30/2021	1337	12/1/2017	1/12/2022	1503	Completed
4 Implementation	8/2/2021	8/31/2022	394	1/13/2022	7/31/2024	930	In Progress
5 Closeout	9/1/2022	10/31/2022	60	8/1/2024	12/31/2024	152	Not Started
6 Acquisition							N/A
Substantial Completion Date				2/3/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139638 Skyway Park Improvements Phase 1 PKS M:SKYWAY PARK

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/1/2017				0.00%
Current Schedule	12/1/2017	2/3/2023	1890		

**Cost**  Red

### Cost Variance Comment

Permitting took longer than anticipated. In addition, the additional \$1,000,000 appropriated in 2021/2022 will likely not be completely spent until 2022, so I shifted out the end of the implementation phase to allow for spending that money.

8/6/2022: The change proposal requests, Kraken hoop/goals and geotechnical services during construction were added to the costs.

The 2021-2022 2nd Omnibus added \$1 Million to fund additional construction items.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$50,000	\$52,938	\$50,541	\$541	1.00%
2 Preliminary Design	\$110,000	\$2,465	\$109,833	(\$167)	0.00%
3 Final Design	\$400,000	\$229,586	\$69,962	(\$330,039)	-83.00%
4 Implementation	\$2,327,947	\$2,298,952	\$3,216,803	\$888,856	38.00%
5 Closeout	\$10,000	\$30,255	\$10,000	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$2,897,947</b>	<b>\$2,614,196</b>	<b>\$3,457,138</b>	<b>\$559,191</b>	<b>19.30%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140064 North Segment Phase 1 Rail Removal and Interim Trail PKS M: EASTRAIL (ERC)

Target Baseline Date	02/24/2021
Actual Baseline Date	07/30/2021
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Annie Mathews
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\efotheringill on 2/7/2023 2:22:11 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/15/2020	3/6/2020	Completed	\$50,000	\$9,106	\$0
2 Preliminary Design	3/6/2020	8/31/2020	Completed	\$100,000	\$13,300	\$0
3 Final Design	8/31/2020	5/11/2021	Completed	\$100,000	\$97,550	\$0
4 Implementation	1/31/2022	5/12/2022	Completed	\$1,950,000	\$1,916,132	\$2,047,733
5 Closeout	5/12/2022	12/30/2022	In Progress	\$50,000	\$11,645	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,250,000	\$2,047,733	\$2,047,733

Current Substantial Completion 5/11/2022

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/15/2020	3/6/2020	\$100,000
2 Preliminary Design	3/6/2020	8/31/2020	\$300,000
3 Final Design	8/31/2020	5/11/2021	\$100,000
4 Implementation	11/1/2021	2/9/2022	\$2,000,000
5 Closeout	2/9/2021	4/29/2022	\$30,000
6 Acquisition			\$0
Total			\$2,530,000

Baseline Substantial Completion 1/21/2022



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140064 North Segment Phase 1 Rail Removal and Interim Trail PKS M: EASTRAIL (ERC)

Scope  Green

### Scope Variance Comment

N/A

### Current Scope

PKS Eastrail North Phase 1 Rail Removal and Interim Trail: this project is for the planning, design, permitting and construction of the following project scope: Rail and Tie Removal for 6.5 miles of Eastrail North Segment within Kirkland and Woodinville, and establishment of an Interim gravel trail for 2.25 miles, including surfacing, signage, intersection improvements, etc.

### Baseline Scope

Eastrail North Phase 1 Rail Removal and Interim Trail: this project is for the planning, design, permitting and construction of the following project scope:

Rail and Tie Removal for 6.5 miles of Eastrail North Segment within Kirkland and Woodinville, and establishment of an Interim gravel trail for 2.25 miles, including surfacing, signage, intersection improvements, etc.

Schedule  Red

### Schedule Variance Comment

Bid opening was delayed due to an extended permit issuance timeline from the City of Kirkland as well as Covid mandate language addendum on the ITB. Implementation schedule is extended because of bid opening delay.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/15/2020	3/6/2020	51	1/15/2020	3/6/2020	51	Completed
2 Preliminary Design	3/6/2020	8/31/2020	178	3/6/2020	8/31/2020	178	Completed
3 Final Design	8/31/2020	5/11/2021	253	8/31/2020	5/11/2021	253	Completed
4 Implementation	11/1/2021	2/9/2022	100	1/31/2022	5/12/2022	101	Completed
5 Closeout	2/9/2021	4/29/2022	444	5/12/2022	12/30/2022	232	In Progress
6 Acquisition							N/A
Substantial Completion Date	1/21/2022			5/11/2022			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/31/2020	1/21/2022	508	110	21.00%
Current Schedule	8/31/2020	5/11/2022	618		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140064 North Segment Phase 1 Rail Removal and Interim Trail PKS M: EASTRAIL (ERC)

Cost  Green

Cost Variance Comment  
N/A

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$100,000	\$9,106	\$50,000	(\$50,000)	-50.00%
2 Preliminary Design	\$300,000	\$13,300	\$100,000	(\$200,000)	-67.00%
3 Final Design	\$100,000	\$97,550	\$100,000	\$0	0.00%
4 Implementation	\$2,000,000	\$1,916,132	\$1,950,000	(\$50,000)	-3.00%
5 Closeout	\$30,000	\$11,645	\$50,000	\$20,000	67.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,530,000	\$2,047,733	\$2,250,000	(\$280,000)	-11.07%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140874 Sunset Park Playfield Remediation PKS M: BALLFLD, SPRT CRT REHAB

Target Baseline Date	
Actual Baseline Date	04/27/2022
Council District(s)	
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Jason Anglin
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Active Recreation Repair and Renovation
Subportfolio	Asset & Facility Improvement

Last updated by KC\lwzhang on 4/24/2024 9:26:36 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/13/2021	2/16/2021	Completed	\$0	\$12,504	\$0
2 Preliminary Design	2/16/2021	5/4/2021	Completed	\$20,000	\$22,199	\$0
3 Final Design	5/4/2021	5/31/2022	Completed	\$130,000	\$109,256	\$0
4 Implementation	5/31/2022	11/18/2022	Completed	\$1,100,000	\$711,445	\$1,270,000
5 Closeout	11/18/2022	12/2/2022	In Progress	\$20,000	\$10,348	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,270,000	\$865,752	\$1,270,000

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/13/2021	3/5/2021	\$0
2 Preliminary Design	3/5/2021	5/11/2021	\$20,000
3 Final Design	5/11/2021	1/31/2022	\$130,000
4 Implementation	1/31/2022	8/29/2022	\$1,100,000
5 Closeout	8/29/2022	12/2/2022	\$20,000
6 Acquisition			\$0
Total			\$1,270,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140874 Sunset Park Playfield Remediation PKS M: BALLFLD, SPRT CRT REHAB

Scope  Green

### Scope Variance Comment

#### Current Scope

PKS Sunset Park Playfield Soil Remediation: Remove and replace soil from a portion of Sunset Park.

#### Baseline Scope

PKS Sunset Park Playfield Soil Remediation: Remove and replace soil from a portion of Sunset Park.

Schedule  Yellow

### Schedule Variance Comment

Originally the contractor, GEC, had some reporting problems with their subs. Now the delay is with L&I and contracts.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	1/13/2021	3/5/2021	51	1/13/2021	2/16/2021	34	Completed
2 Preliminary Design	3/5/2021	5/11/2021	67	2/16/2021	5/4/2021	77	Completed
3 Final Design	5/11/2021	1/31/2022	265	5/4/2021	5/31/2022	392	Completed
4 Implementation	1/31/2022	8/29/2022	210	5/31/2022	11/18/2022	171	Completed
5 Closeout	8/29/2022	12/2/2022	95	11/18/2022	12/2/2022	14	In Progress
6 Acquisition							N/A
Substantial Completion Date	7/11/2022			7/11/2022			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/11/2021	7/11/2022	426	7	1.00%
Current Schedule	5/4/2021	7/11/2022	433		

Cost  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140874 Sunset Park Playfield Remediation PKS M: BALLFLD, SPRT CRT REHAB

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$12,504	\$0	\$0	0.00%
2 Preliminary Design	\$20,000	\$22,199	\$20,000	\$0	0.00%
3 Final Design	\$130,000	\$109,256	\$130,000	\$0	0.00%
4 Implementation	\$1,100,000	\$711,445	\$1,100,000	\$0	0.00%
5 Closeout	\$20,000	\$10,348	\$20,000	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,270,000	\$865,752	\$1,270,000	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141261 East Lake Sammamish Trail Segment B Phase 2 PKS M:E LAKE SAMM TRAIL

Target Baseline Date	02/09/2022
Actual Baseline Date	02/09/2022
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Dee Healy
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\lwzhang on 4/24/2024 9:32:23 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$2,684	\$0
2 Preliminary Design			N/A	\$0	\$0	\$0
3 Final Design			N/A	\$0	\$7,683	\$0
4 Implementation	5/2/2022	6/28/2024	In Progress	\$20,581,050	\$13,633,597	\$19,896,244
5 Closeout	6/3/2024	12/31/2024	Not Started	\$265,194	\$1,092	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$20,846,244	\$13,645,055	\$19,896,244

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design			\$0
4 Implementation	2/1/2022	12/29/2023	\$16,631,050
5 Closeout	1/1/2024	12/31/2024	\$265,194
6 Acquisition			\$0
Total			\$16,896,244

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141261 East Lake Sammamish Trail Segment B Phase 2 PKS M:E LAKE SAMM TRAIL

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Eastlake Sammamish Trail South Sammamish Segment B Phase 2: Construction of approximately 1.85 miles of 12 foot wide paved trail with gravel shoulders. Mint Grove to Inglewood.

#### Baseline Scope

Eastlake Sammamish Trail South Sammamish Segment B Phase 2: Construction of approximately 1.85 miles of 12 foot wide paved trail with gravel shoulders. Mint Grove to Inglewood.

**Schedule**  Green

### Schedule Variance Comment

Due to permitting issues and coordination with City of Sammamish the George Davis Creek Culvert construction has been postponed until 2024 or later pending approvals.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design							N/A
4 Implementation	2/1/2022	12/29/2023	696	5/2/2022	6/28/2024	788	In Progress
5 Closeout	1/1/2024	12/31/2024	365	6/3/2024	12/31/2024	211	Not Started
6 Acquisition							N/A
Substantial Completion Date				10/6/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule					0.00%
Current Schedule		10/6/2023			

**Cost**  Red

### Cost Variance Comment

EAC updated to cover additional costs from George Davis Creek culvert project.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141261 East Lake Sammamish Trail Segment B Phase 2 PKS M:E LAKE SAMM TRAIL

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$2,684	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$7,683	\$0	\$0	0.00%
4 Implementation	\$16,631,050	\$13,633,597	\$20,581,050	\$3,950,000	24.00%
5 Closeout	\$265,194	\$1,092	\$265,194	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$16,896,244	\$13,645,055	\$20,846,244	\$3,950,000	23.38%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

No RMP contract data found

### RMP-2. Contract Change Explanation

A culvert replacement along George Davis Creek has been removed from this scope due to regulatory issues outside the control of KC. That project will be completed under a separate project number.

### RMP-3. Current Quarter's Key Activities

The project was awarded to KLB Construction. To date the construction is complete. Only plant establishment is left to complete.

### RMP-4. Next Quarter's Key Activities

Plant establishment.

### RMP-5. Closely Monitored Issues & Risk Summary

Closely monitored issues and risk summary  
- George Davis Creek Culverts Permitting



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141263 East Lake Sammamish Trail Segment B Phase 1 PKS M:E LAKE SAMM TRAIL

Target Baseline Date	09/30/2010
Actual Baseline Date	08/03/2021
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Sarah Hamel
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\lwzhang on 4/24/2024 9:28:53 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$2,448	\$0
2 Preliminary Design			N/A	\$0	\$0	\$0
3 Final Design			N/A	\$0	\$1,009	\$0
4 Implementation	7/19/2021	6/1/2024	In Progress	\$20,156,687	\$18,191,172	\$20,593,687
5 Closeout	6/3/2024	12/31/2024	Not Started	\$437,000	\$0	\$0
6 Acquisition			N/A	\$0	\$162,252	\$0
Total				\$20,593,687	\$18,356,880	\$20,593,687

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design			\$0
4 Implementation	7/19/2021	12/30/2022	\$12,284,000
5 Closeout	1/2/2023	10/31/2023	\$309,000
6 Acquisition			\$0
Total			\$12,593,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141263 East Lake Sammamish Trail Segment B Phase 1 PKS M:E LAKE SAMM TRAIL

### Scope



Green

#### Scope Variance Comment

#### Current Scope

South Sammamish B is the final 3.6-mile trail segment to be redeveloped, thus completing the 11.2-mile East Lake Sammamish Trail (ELST). To expedite construction, this final segment will be constructed in two phases.

- Phase 1 – SE 33rd Street to Driveway 9 – 1.65 miles.

Segment B trail redevelopment includes a 12-foot-wide paved trail with soft surface shoulders, improved sightlines and safety features at intersections, improved drainage, and six new fish passable culverts. Redevelopment also includes retaining walls, fencing, consistent signage and traffic control measures, wetland mitigation and native landscaping.

#### Baseline Scope

South Sammamish B is the final 3.6-mile trail segment to be redeveloped, thus completing the 11.2 mile East Lake Sammamish Trail (ELST). To expedite construction, this final segment will be constructed in two phases.

- Phase 1 – SE 33rd Street to Driveway 9 – 1.65 miles.

Segment B trail redevelopment includes a 12-foot-wide paved trail with soft surface shoulders, improved sightlines and safety features at intersections, improved drainage, and six new fish passable culverts. Redevelopment also includes retaining walls, fencing, consistent signage and traffic control measures, wetland mitigation and native landscaping.

### Schedule



Green

#### Schedule Variance Comment

Q2 2023: The Contract Substantial Completion date has passed (March 23, 2023) and no progress has been made with the contractor as to what are compensable and non compensable days due to bid item overages. Contractor continues to submit protest letters. The projected SC date estimated as 5/30/2023 is being evaluated for pending liquidated damages.

Q1 2023:CO 03 added 3 working days. Total contract days is now 390. This changed SC to March 23, 2023. Discussion have been ongoing with contractor as to what are compensable and non compensable days due to bid item overages. SC is estimated to be 5/30/2023.

CO-02 adds 60 WORKING days to ELST SSB Contractor's (Johansen Construction) contract. Extension is due to impacts of Local 174 Teamsters strike to the critical path on Contractor's schedule. According to WSDOT specifications, a strike is considered force majeure (non-compensatory). Revised Substantial Completion date is March 9, 2023.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141263 East Lake Sammamish Trail Segment B Phase 1 PKS M:E LAKE SAMM TRAIL

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design							N/A
4 Implementation	7/19/2021	12/30/2022	529	7/19/2021	6/1/2024	1048	In Progress
5 Closeout	1/2/2023	10/31/2023	302	6/3/2024	12/31/2024	211	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/31/2022			6/1/2024			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule		10/31/2022			0.00%
Current Schedule		6/1/2024			

**Cost**  Red

### Cost Variance Comment

Updated budget reflects actual construction contract amount and total project costs including construction management costs.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$2,448	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$1,009	\$0	\$0	0.00%
4 Implementation	\$12,284,000	\$18,191,172	\$20,156,687	\$7,872,687	64.00%
5 Closeout	\$309,000	\$0	\$437,000	\$128,000	41.00%
6 Acquisition	\$0	\$162,252	\$0	\$0	0.00%
<b>Total</b>	<b>\$12,593,000</b>	<b>\$18,356,880</b>	<b>\$20,593,687</b>	<b>\$8,000,687</b>	<b>63.53%</b>

## Risk Monitored Projects Reporting

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141263 East Lake Sammamish Trail Segment B Phase 1 PKS M:E LAKE SAMM TRAIL

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Johansen Construction	Construction	\$13,524,726	07/19/2021	10/31/2023	0	\$0
	Total	\$13,524,726			0	\$0

### RMP-2. Contract Change Explanation

### RMP-3. Current Quarter's Key Activities

Completion of initial plantings and punch list work.  
Completion of Wall 13 repair  
Partial completion of project documentation

### RMP-4. Next Quarter's Key Activities

PSIPE  
Contract Closeout

### RMP-5. Closely Monitored Issues & Risk Summary

Completion of project documentation  
-Contractors protest letters regarding Stair Claim  
-Contractors protest letters regarding Time Settlement  
-Contractors protest letters regarding Materially Different Work

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143493 Lake to Sound Trail Segment C Burien PKS M:LAKE TO SOUND TRAIL

Target Baseline Date	
Actual Baseline Date	04/28/2023
Council District(s)	
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Anna Markee
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Regional and Public Trails
Subportfolio	Large Trail Corridors

Last updated by KC\lwzhang on 4/24/2024 10:16:33 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/1/2014	1/23/2016	Completed	\$0	\$0	\$0
2 Preliminary Design	2/1/2016	8/1/2018	Completed	\$0	\$0	\$0
3 Final Design	8/1/2018	2/16/2024	Completed	\$0	\$148,949	\$0
4 Implementation	2/17/2024	12/31/2025	Not Started	\$6,373,133	\$2,916	\$6,558,314
5 Closeout	1/1/2026	12/31/2026	Not Started	\$0	\$0	\$0
6 Acquisition	1/4/2016	9/30/2021	Completed	\$0	\$0	\$0
Total				\$6,373,133	\$151,865	\$6,558,314

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design			\$0
4 Implementation	6/30/2023	4/18/2025	\$6,605,000
5 Closeout	4/19/2025	4/19/2026	\$0
6 Acquisition	1/4/2016	9/30/2021	\$0
Total			\$6,605,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143493 Lake to Sound Trail Segment C Burien PKS M:LAKE TO SOUND TRAIL

Scope  Gray

### Scope Variance Comment

A review by WSDOT for a Construction Agreement required changes in paving limits and road restoration that changed the scope of work somewhat from the plans bid in June 2023.

### Current Scope

Segment C in Burien: 0.4 miles along the south side of Des Moines Memorial Drive from 8th Ave to Normandy Rd. Final Design, Construction Management, Construction, and Closeout.

### Baseline Scope

Segment C in Burien: 0.4 miles along the south side of Des Moines Memorial Drive from 8th Ave to Normandy Rd. Final Design, Construction Management, Construction, and Closeout.

Schedule  Green

### Schedule Variance Comment

Q1-2024: Bidding was initially conducted in June 2023. Bids were rejected due to a delay in the resolution of a utility conflict. The project was rebid in November of 2023 and a contract was awarded to SCI Infrastructure. Notice to Proceed began in March 2024 which initiated a planning phase prior to mobilization. The project is anticipated to be completed in early 2025.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning				10/1/2014	1/23/2016	479	Completed
2 Preliminary Design				2/1/2016	8/1/2018	912	Completed
3 Final Design				8/1/2018	2/16/2024	2025	Completed
4 Implementation	6/30/2023	4/18/2025	658	2/17/2024	12/31/2025	683	Not Started
5 Closeout	4/19/2025	4/19/2026	365	1/1/2026	12/31/2026	364	Not Started
6 Acquisition	1/4/2016	9/30/2021	2096	1/4/2016	9/30/2021	2096	Completed
Substantial Completion Date	3/22/2024			12/31/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule		3/22/2024			0.00%
Current Schedule	8/1/2018	12/31/2024	2344		

Cost  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143493 Lake to Sound Trail Segment C Burien PKS M:LAKE TO SOUND TRAIL

### Cost Variance Comment

Q1-2024: The low bid from SCI Infrastructure was below the Engineer's Estimate providing some savings to the project in the Implementation Phase.

Q1 2023: Pending interlocal agreement with Highline Water District in the amount of \$900,000 for utility work.

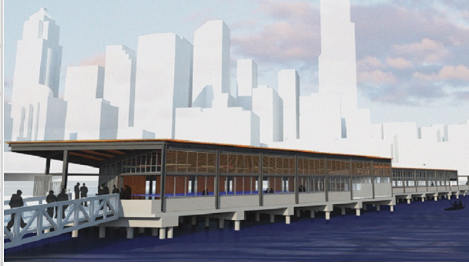
### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$148,949	\$0	\$0	0.00%
4 Implementation	\$6,605,000	\$2,916	\$6,373,133	(\$231,867)	-4.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$6,605,000	\$151,865	\$6,373,133	(\$231,867)	-3.51%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1111718 MD SEATTLE FERRY TERMINAL STANDALONE

Target Baseline Date	10/14/2016	
Actual Baseline Date	10/14/2016	
Council District(s)	8	
Department	METRO TRANSIT DEPARTMENT	
Agency	Marine Division	
Contact	Henry Perrin	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio		
Subportfolio		

Last updated by DOTroyalk on 4/19/2021 10:21:17 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2013	11/30/2013	Completed	\$0	\$0	\$0
2 Preliminary Design	12/1/2013	2/29/2016	Completed	\$883,805	\$883,005	\$883,805
3 Final Design	3/1/2016	7/31/2017	Completed	\$2,479,520	\$2,073,463	\$2,479,520
4 Implementation	7/31/2017	6/30/2021	In Progress	\$31,126,675	\$29,161,416	\$31,126,675
5 Closeout	11/1/2019	12/31/2021	In Progress	\$0	\$0	\$1
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$34,490,000</b>	<b>\$32,117,884</b>	<b>\$34,490,001</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2013	11/30/2013	\$0
2 Preliminary Design	12/1/2013	2/29/2016	\$883,805
3 Final Design	3/1/2016	3/31/2017	\$2,479,520
4 Implementation	4/1/2017	12/31/2018	\$31,126,675
5 Closeout	1/1/2019	1/31/2020	\$0
6 Acquisition			\$0
			<b>Total</b>
			<b>\$34,490,000</b>

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1111718 MD SEATTLE FERRY TERMINAL STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Seattle Ferry Terminal - The overall project will include all aspects of designing and constructing a new permanent passenger-only facility (POF) on the southern edge of the expanded Washington State Ferries (WSF) terminal, vehicle holding lanes. It includes an interim POF terminal location to allow passenger ferry operations during construction. The WSF Colman Dock preservation project includes replacement of their ferry terminal building, Slip #3 overhead loading and expansion of their vehicle holding lanes as well as the replacement of the adjacent Pier 50 passenger-only ferry (POF) facility. The POF is operated by the King County Marine Division, and will be owned by King County upon completion.

WSF will manage the project utilizing a General Contractor/Construction Manager delivery method and the King County Marine Division will monitor, review and approve activities related to the design and construction of the POF facility.

#### Baseline Scope

Seattle Ferry Terminal - The overall project will include all aspects of designing and constructing a new permanent passenger-only facility (POF) on the southern edge of the expanded Washington State Ferries (WSF) terminal, vehicle holding lanes. It includes an interim POF terminal location to allow passenger ferry operations during construction. The WSF Colman Dock preservation project includes replacement of their ferry terminal building, Slip #3 overhead loading and expansion of their vehicle holding lanes as well as the replacement of the adjacent Pier 50 passenger-only ferry (POF) facility. The POF is operated by the King County Marine Division, and will be owned by King County upon completion.

WSF will manage the project utilizing a General Contractor/Construction Manager delivery method and the King County Marine Division will monitor, review and approve activities related to the design and construction of the POF facility.

Schedule  Red

### Schedule Variance Comment

In order to keep the parent WSF Colman Dock project on schedule, work activities were diverted from the passenger only ferry (POF) portion of the project. As a result, the move to the new POF facility has changed from late 2018 to summer 2019, with operations at the temporary location continuing until this time.

As of August 2019, POF service is operating out of the new terminal. March 2020, schedule delayed for unknown period of time due to COVID-19 outbreak.

Current project tasks include continued work on: 1. ) Minor change orders, and 2.) Project closeout activities including financial and grant accounting.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1111718 MD SEATTLE FERRY TERMINAL STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2013	11/30/2013	333	1/1/2013	11/30/2013	333	Completed
2 Preliminary Design	12/1/2013	2/29/2016	820	12/1/2013	2/29/2016	820	Completed
3 Final Design	3/1/2016	3/31/2017	395	3/1/2016	7/31/2017	517	Completed
4 Implementation	4/1/2017	12/31/2018	639	7/31/2017	6/30/2021	1430	In Progress
5 Closeout	1/1/2019	1/31/2020	395	11/1/2019	12/31/2021	791	In Progress
6 Acquisition							N/A
Substantial Completion Date	12/31/2018			7/30/2019			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/1/2016	12/31/2018	1035	211	20.00%
Current Schedule	3/1/2016	7/30/2019	1246		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$883,805	\$883,005	\$883,805	\$0	0.00%
3 Final Design	\$2,479,520	\$2,073,463	\$2,479,520	\$0	0.00%
4 Implementation	\$31,126,675	\$29,161,416	\$31,126,675	\$0	0.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$34,490,000</b>	<b>\$32,117,884</b>	<b>\$34,490,000</b>	<b>\$0</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129116 MD Float Replacement Pier 50 STANDALONE

Target Baseline Date	03/31/2018
Actual Baseline Date	04/26/2018
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Marine Division
Contact	Evelyn Wise
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	



Last updated by DOTroyalk on 4/19/2021 10:34:45 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			Not Started	\$0	\$0	\$0
2 Preliminary Design	12/1/2016	6/1/2018	Completed	\$349,682	\$349,682	\$417,782
3 Final Design	3/5/2018	9/1/2018	Completed	\$2,610,016	\$2,610,016	\$1,410,000
4 Implementation	6/1/2018	8/10/2019	Completed	\$7,012,125	\$6,910,672	\$8,410,115
5 Closeout	8/10/2019	6/30/2021	In Progress	\$0	\$3,160	\$0
6 Acquisition			Not Started	\$0	\$322	\$0
Total				\$9,971,823	\$9,873,851	\$10,237,897

Current Substantial Completion 8/12/2019

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	12/1/2016	6/1/2018	\$417,782
3 Final Design	3/5/2018	9/1/2018	\$1,410,000
4 Implementation	6/1/2018	12/31/2018	\$7,442,363
5 Closeout	1/1/2019	6/30/2019	\$0
6 Acquisition			\$0
Total			\$9,270,145

Baseline Substantial Completion 11/1/2018

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129116 MD Float Replacement Pier 50 STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Float Replacement - To replace the existing Pier 50 POF mooring float that is nearing the end of its useful life. The float is critical to safely operating the King County's POF service, the mooring of vessels and the safe and efficient boarding and disembarking of passengers.

#### Baseline Scope

Float Replacement - To replace the existing Pier 50 POF mooring float that is nearing the end of its useful life. The float is critical to safely operating the King County's POF service, the mooring of vessels and the safe and efficient boarding and disembarking of passengers.

Schedule  Red

### Schedule Variance Comment

The original project completion date was aligned with the completion of the new passenger-only ferry dock (POFD) at Colman dock. The Colman dock project has been re-sequenced to keep the current WSF Colman Dock project on schedule, hence, diverting work activities from the POFD portion of the project. As a result, the new float installation has changed from mid Q4 2018 to Q3 2019 (completed). Further delay of Substantial Completion to Mid- Q3 is due to WSF Colman dock completion of the POF facility and its connection (via gangway) from the float to the shoreside POF giving King County access to the float.

Close out end date was extended to 06/30/2021 to allow for completion of final financial accounting and grant reporting.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							Not Started
2 Preliminary Design	12/1/2016	6/1/2018	547	12/1/2016	6/1/2018	547	Completed
3 Final Design	3/5/2018	9/1/2018	180	3/5/2018	9/1/2018	180	Completed
4 Implementation	6/1/2018	12/31/2018	213	6/1/2018	8/10/2019	435	Completed
5 Closeout	1/1/2019	6/30/2019	180	8/10/2019	6/30/2021	690	In Progress
6 Acquisition							Not Started
Substantial Completion Date	11/1/2018			8/12/2019			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/5/2018	11/1/2018	241	284	117.00%
Current Schedule	3/5/2018	8/12/2019	525		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129116 MD Float Replacement Pier 50 STANDALONE

Cost  Yellow

### Cost Variance Comment

2019 Q1 - authorization to transfer \$950K from Emergent Contingency to the Float Replacement project. Additional project cost due to contract time extension and installation that was originally planned as part of the Seattle Ferry Terminal project. Other change order costs are related to ramp base revisions and additional engineering for pile hoops.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$417,782	\$349,682	\$349,682	(\$68,100)	-16.00%
3 Final Design	\$1,410,000	\$2,610,016	\$2,610,016	\$1,200,016	85.00%
4 Implementation	\$7,442,363	\$6,910,672	\$7,012,125	(\$430,238)	-6.00%
5 Closeout	\$0	\$3,160	\$0	\$0	0.00%
6 Acquisition	\$0	\$322	\$0	\$0	0.00%
Total	\$9,270,145	\$9,873,851	\$9,971,823	\$701,678	7.57%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116797 Jameson/Arcweld Buildings Replacement STANDALONE

Target Baseline Date	10/21/2019	
Actual Baseline Date	10/21/2019	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/13/2016	9/13/2016	Completed	\$261,735	\$261,735	\$88,178
2 Preliminary Design	9/13/2016	10/21/2019	Completed	\$3,487,491	\$3,487,491	\$170,428
3 Final Design	10/21/2019	2/1/2023	Completed	\$4,926,686	\$4,991,661	\$1,570,480
4 Implementation	2/2/2023	3/4/2024	Completed	\$13,666,501	\$9,957,187	\$21,547,295
5 Closeout	3/5/2024	8/1/2024	In Progress	\$1,108	\$980	\$27,911
6 Acquisition			N/A	\$14,143	\$14,143	\$874,476
Total				\$22,357,664	\$18,713,197	\$24,278,768

Current Substantial Completion


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	5/10/2016	9/13/2016	\$263,085
2 Preliminary Design	1/31/2018	10/21/2019	\$2,764,494
3 Final Design	10/21/2019	5/13/2022	\$5,527,589
4 Implementation	5/13/2022	10/2/2024	\$61,410,647
5 Closeout	10/2/2024	12/15/2025	\$209,306
6 Acquisition			\$1,115,189
Total			\$71,290,311

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116797 Jameson/Arcweld Buildings Replacement STANDALONE

Scope  Yellow

### Scope Variance Comment

The Covid-19 pandemic changed the way some of the staff work and so the construction management square footage has been reduced in the building to reflect the current needs of staff.

### Current Scope

Jameson/Arcweld Buildings Replacement - Replace the obsolete and substandard Jameson and ArcWeld buildings to create a seismically sound, Americans with Disabilities Act (ADA) compliant and more functional and productive work facility for employees. The facilities currently house West Section Operations & Maintenance and Construction Management personnel. The preferred alternative consists of entering into a long-term lease of an existing facility.

### Baseline Scope

Jameson/Arcweld Buildings Replacement - Replace the obsolete, substandard and rundown Jameson and ArcWeld buildings to create a more functional and productive work space for employees. The facilities currently house Operations and Construction Management personnel. Existing staff will need to be relocated during time of construction. RINS funding may be used for solar panels.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	5/10/2016	9/13/2016	126	9/13/2016	9/13/2016	0	Completed
2 Preliminary Design	1/31/2018	10/21/2019	628	9/13/2016	10/21/2019	1133	Completed
3 Final Design	10/21/2019	5/13/2022	935	10/21/2019	2/1/2023	1199	Completed
4 Implementation	5/13/2022	10/2/2024	873	2/2/2023	3/4/2024	396	Completed
5 Closeout	10/2/2024	12/15/2025	439	3/5/2024	8/1/2024	149	In Progress
6 Acquisition							N/A
Substantial Completion Date	5/10/2024			1/4/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/21/2019	5/10/2024	1663	-127	-7.00%
Current Schedule	10/21/2019	1/4/2024	1536		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116797 Jameson/Arcweld Buildings Replacement STANDALONE

Cost ● Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$263,085	\$261,735	\$261,735	(\$1,350)	-1.00%
2 Preliminary Design	\$2,764,494	\$3,487,491	\$3,487,491	\$722,996	26.00%
3 Final Design	\$5,527,589	\$4,991,661	\$4,926,686	(\$600,903)	-11.00%
4 Implementation	\$61,410,647	\$9,957,187	\$13,666,501	(\$47,744,146)	-78.00%
5 Closeout	\$209,306	\$980	\$1,108	(\$208,197)	-99.00%
6 Acquisition	\$1,115,189	\$14,143	\$14,143	(\$1,101,047)	-99.00%
Total	\$71,290,311	\$18,713,197	\$22,357,664	(\$48,932,646)	-68.64%

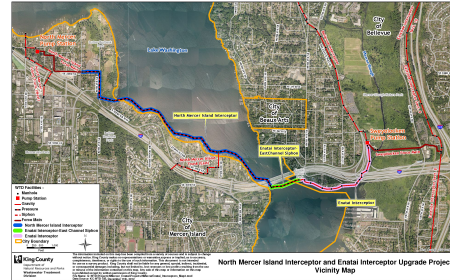


# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116800 North Mercer Island & Enatai Interceptors Upgrade STANDALONE

Target Baseline Date	06/13/2017
Actual Baseline Date	06/13/2017
Council District(s)	6, 8
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Capacity Improvements
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	11/2/2012	3/12/2013	Completed	\$297,732	\$297,732	\$297,732
2 Preliminary Design	3/12/2013	6/13/2017	Completed	\$9,604,638	\$9,604,638	\$9,597,363
3 Final Design	6/13/2017	2/28/2022	Completed	\$23,604,572	\$23,643,238	\$22,924,928
4 Implementation	2/28/2022	1/8/2026	In Progress	\$142,633,475	\$84,538,746	\$144,306,687
5 Closeout	10/6/2025	12/31/2026	Not Started	\$762,266	\$0	\$939,557
6 Acquisition	4/25/2016	6/29/2020	Completed	\$4,550,096	\$4,653,456	\$1,775,523
Total				\$181,452,780	\$122,737,811	\$179,841,790

Current Substantial Completion 8/22/2025


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/2/2012	3/12/2013	\$297,732
2 Preliminary Design	3/12/2013	6/13/2017	\$6,088,417
3 Final Design	6/13/2017	7/21/2020	\$12,146,314
4 Implementation	6/4/2020	8/23/2023	\$95,774,630
5 Closeout	1/6/2023	12/27/2024	\$502,119
6 Acquisition			\$1,226,412
Total			\$116,035,624

Baseline Substantial Completion 4/4/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116800 North Mercer Island & Enatai Interceptors Upgrade STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

North Mercer Island & Enatai Interceptors Upgrade - This project will increase the reliability and capacity of the existing North Mercer Island Interceptor and Enatai Interceptor components of the regional wastewater system in order to convey the 20-year peak wastewater flows projected through the year 2060 from service areas in North Mercer Island, the southwest portion of Bellevue, and the Town of Beaux Arts Village. Project construction will include approximately 17,210 linear feet of new sewer pipeline and related features starting at King County's North Mercer Pump Station in Mercer Island and proceeding through an upland alignment on a portion of Mercer Island mostly following the I-90 greenway trail/park. The pipeline will then enter Lake Washington and run approximately 1,400 linear feet under the lakebed from north Mercer Island, across the East Channel of Lake Washington, to Enatai Beach Park in Bellevue. From Enatai Beach Park, a new sewer pipeline will be installed using horizontal directional drilling technology under the Enatai hillside to King County's Swayolocken Pump Station adjacent to Mercer Slough. The Project will also rehabilitate the existing Enatai Interceptor pipeline that is located in Lake Washington, from Enatai Beach Park, through Mercer Slough, to the Swayolocken Pump Station. The North Mercer Pump Station will be upgraded in order to support the new pipeline, and the City of Mercer Island's Lift Station 11 and some Mercer Island-owned local sewer lines will be modified in order to continue to convey flows from Mercer Island's sewer system.

#### Baseline Scope

North Mercer Island & Enatai Interceptors Upgrade - This project will increase the capacity of the existing North Mercer Island and Enatai Interceptor components of the regional wastewater system to convey the 20-year peak wastewater flows projected through the year 2060 from sewer basins in north Mercer Island and the southwest portion of the City of Bellevue.

Schedule  Red

### Schedule Variance Comment

The schedule variance reflects time added to the design and the construction contract after baseline was established. Final design was initially extended due to additional design changes, the development of permit packages, and associated agency review and issuance time. Changes to the construction contract timeline increased to accommodate Federal and State permit time restrictions on the in-water construction. An additional increase in schedule resulted from a re-evaluation of the permanent pumps at the North Mercer Pump Station. The re-evaluation of the permanent pumps delayed NTP, Substantial Completion, and Final Acceptance of the pump station construction contract and the conveyance construction contract. The schedule has been updated to reflect the contractor's progress and this has resulted in Substantial Completion being pushed out approximately 6 months.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116800 North Mercer Island & Enatai Interceptors Upgrade STANDALONE

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/2/2012	3/12/2013	130	11/2/2012	3/12/2013	130	Completed
2 Preliminary Design	3/12/2013	6/13/2017	1554	3/12/2013	6/13/2017	1554	Completed
3 Final Design	6/13/2017	7/21/2020	1134	6/13/2017	2/28/2022	1721	Completed
4 Implementation	6/4/2020	8/23/2023	1175	2/28/2022	1/8/2026	1410	In Progress
5 Closeout	1/6/2023	12/27/2024	721	10/6/2025	12/31/2026	451	Not Started
6 Acquisition				4/25/2016	6/29/2020	1526	Completed
Substantial Completion Date	4/4/2023			8/22/2025			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/13/2017	4/4/2023	2121	871	41.00%
Current Schedule	6/13/2017	8/22/2025	2992		

Cost  Red

### Cost Variance Comment

The total project cost has increased since baseline. This variance includes cost increases in both construction and non-construction. Increases were largely caused by: 1. Design costs increased because the consultant is re-evaluating the permanent pumps that will be installed at the North Mercer Pump Station due to WTD's desire to install a more proven/familiar pump than was in the original design. 2. Additional scope items including a spare raw sewage pump, roof replacement, and structural rehabilitation for Lift Station 11. 3. Pipeline construction cost increased due to the addition of an odor control system on the conveyance line, pipe material change, addition of the City of Mercer Island's fiber optic conduit project, additional barge support, miscellaneous design refinement, and trail width increase due to the Aubrey Davis Park Trail Master Plan. 4. Allowance for indeterminants (AFI), change order allowance, and taxes adjusted for the new construction cost. 5. Amendment to the consultant design contract for additional scope and budget for permit support that was approved in April 2021. 6. The project is divided into two construction contracts and the total cost for both construction contracts is 20% greater than the engineer's estimate that was reflected in the PRISM 2021 cashflow forecast. Walsh Construction LLC is the apparent low responsive bidder for both construction contracts, their bid for the pump station contract @ \$24,861,950 was approximately 55% over the engineer's estimate of \$16,048,213 and their bid for the conveyance contract @ \$62,176,821 was approximately 19% over the engineer's estimate of \$52,417,000. A bid comparison was prepared for both construction contracts against the engineer's estimate completed at 100% design and the analysis demonstrated that the low responsive bids for both construction contracts are fair and reasonable.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116800 North Mercer Island & Enatai Interceptors Upgrade STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$297,732	\$297,732	\$297,732	\$0	0.00%
2 Preliminary Design	\$6,088,417	\$9,604,638	\$9,604,638	\$3,516,221	58.00%
3 Final Design	\$12,146,314	\$23,643,238	\$23,604,572	\$11,458,258	94.00%
4 Implementation	\$95,774,630	\$84,538,746	\$142,633,475	\$46,858,845	49.00%
5 Closeout	\$502,119	\$0	\$762,266	\$260,148	52.00%
6 Acquisition	\$1,226,412	\$4,653,456	\$4,550,096	\$3,323,685	271.00%
Total	\$116,035,624	\$122,737,811	\$181,452,780	\$65,417,156	56.38%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116801 Lake Hills and NW Lake Sammamish Interceptor Upgrade STANDALONE

Target Baseline Date	09/12/2017
Actual Baseline Date	09/12/2017
Council District(s)	3, 6
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Capacity Improvements
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/7/2014	5/7/2014	Completed	\$202,257	\$202,257	\$167,525
2 Preliminary Design	5/7/2014	9/12/2017	Completed	\$4,035,566	\$4,035,566	\$3,600,674
3 Final Design	9/12/2017	8/31/2026	In Progress	\$22,784,089	\$18,793,204	\$21,421,378
4 Implementation	8/31/2026	2/5/2030	Not Started	\$145,647,712	\$137,478	\$137,522,468
5 Closeout	2/5/2030	4/8/2031	Not Started	\$730,317	\$0	\$171,172
6 Acquisition			N/A	\$1,369,370	\$1,219,370	\$2,497,733
Total				\$174,769,311	\$24,387,875	\$165,380,950

Current Substantial Completion 11/7/2029

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/2/2012	5/7/2014	\$202,257
2 Preliminary Design	5/7/2014	9/12/2017	\$4,034,633
3 Final Design	9/12/2017	11/19/2019	\$11,401,616
4 Implementation	11/19/2019	7/20/2023	\$102,038,660
5 Closeout	7/20/2023	8/9/2024	\$274,107
6 Acquisition	3/30/2017	1/18/2019	\$1,391,159
Total			\$119,342,432

Baseline Substantial Completion 2/28/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116801 Lake Hills and NW Lake Sammamish Interceptor Upgrade STANDALONE

Scope  Yellow

### Scope Variance Comment

An additional scope requirement, a fish-passable culvert, has been added to the scope due to City of Redmond requirements.

### Current Scope

Lake Hills and NW Lake Sammamish Interceptor Upgrade - This project will increase the capacity of the Lake Hills Trunk and NW Lake Sammamish Interceptor sewers to convey 20-year storm peak flow capacity through 2060. The condition of the existing pipe will determine which portions are replaced, refurbished, or paralleled. The project is located in the City of Redmond and unincorporated King County. The sewer includes 4.5 miles of gravity pipe and two siphon sections. Per Wastewater Treatment Division (WTD) management direction, as a Washington State Department Fish and Wildlife (WDFW) permit requirement, a fish-passable culvert will be designed and constructed at Country Creek in Redmond.

### Baseline Scope

Lake Hills and NW Lake Sammamish Interceptor Upgrade - This project will increase the capacity of the Lake Hills Trunk and NW Lake Sammamish Interceptor sewers to convey the 20 year peak flow capacity through the year 2060. Available data on condition of the existing pipes will be used to verify which portions of the pipes should be replaced, refurbished, or paralleled. The project is located in the City of Redmond and unincorporated King County. The sewer includes 4.5 miles of gravity pipe and two siphon sections. Per WTD management direction, a scope for 1.5 miles of recycled water (RW) pipeline was added to this project. The RW line will start from the south side the Redmond City Hall, parallel to the new sewer line all the way to the north of Marymoor entrance. It is 18" pipe, 250psi, approximately 1.5 miles. The additional scope for RW and the combined baseline (sewer and RW) were approved by the CST in September 12.

Schedule  Red

### Schedule Variance Comment

The variance is caused by delays in final design due to complications from the addition of the reclaimed water pipeline at 30% and the removal of that scope just after 60% design. An additional scope and regulatory requirement, a fish-passable culvert at Country Creek, resulted in additional schedule delays due to the need to redesign. Other delays caused by additional design requests, various negotiations with City of Redmond, regulators, and stakeholders, including content of Interagency Agreement with the City of Redmond. Most recent delays due to inability for the County and the City to come to an agreement on if mitigation is needed for the County affecting the water levels and velocities in their pipes.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/2/2012	5/7/2014	551	5/7/2014	5/7/2014	0	Completed
2 Preliminary Design	5/7/2014	9/12/2017	1224	5/7/2014	9/12/2017	1224	Completed
3 Final Design	9/12/2017	11/19/2019	798	9/12/2017	8/31/2026	3275	In Progress
4 Implementation	11/19/2019	7/20/2023	1339	8/31/2026	2/5/2030	1254	Not Started
5 Closeout	7/20/2023	8/9/2024	386	2/5/2030	4/8/2031	427	Not Started
6 Acquisition	3/30/2017	1/18/2019	659				N/A
Substantial Completion Date	2/28/2023			11/7/2029			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1116801 Lake Hills and NW Lake Sammamish Interceptor Upgrade STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/12/2017	2/28/2023	1995	2444	122.00%
Current Schedule	9/12/2017	11/7/2029	4439		

Cost  Red

### Cost Variance Comment

Complexity of an ill-defined permitting process, design change requests, scope changes, recent market volatility, and challenges securing clear guidance from Redmond have significantly increased consultant and staff costs.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$202,257	\$202,257	\$202,257	\$0	0.00%
2 Preliminary Design	\$4,034,633	\$4,035,566	\$4,035,566	\$933	0.00%
3 Final Design	\$11,401,616	\$18,793,204	\$22,784,089	\$11,382,473	100.00%
4 Implementation	\$102,038,660	\$137,478	\$145,647,712	\$43,609,052	43.00%
5 Closeout	\$274,107	\$0	\$730,317	\$456,210	166.00%
6 Acquisition	\$1,391,159	\$1,219,370	\$1,369,370	(\$21,789)	-2.00%
<b>Total</b>	<b>\$119,342,432</b>	<b>\$24,387,875</b>	<b>\$174,769,311</b>	<b>\$55,426,879</b>	<b>46.44%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1120861 Mobile Odor Control Unit Replacement WTC ODOR CORROSION

Target Baseline Date	11/15/2016
Actual Baseline Date	11/15/2016
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Conveyance)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/4/2013	4/4/2013	Completed	\$7,506	\$7,506	\$1
2 Preliminary Design	4/4/2013	11/15/2016	Completed	\$270,970	\$270,970	\$1
3 Final Design	11/15/2016	7/17/2023	Completed	\$383,305	\$383,305	\$1
4 Implementation	7/17/2023	6/3/2024	In Progress	\$2,423,449	\$445,597	\$399,996
5 Closeout	6/3/2024	10/29/2024	Not Started	\$8,473	\$0	\$1
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,093,702	\$1,107,377	\$400,000

Current Substantial Completion 5/10/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/4/2013	4/4/2013	\$8,194
2 Preliminary Design	4/4/2013	11/15/2016	\$267,113
3 Final Design	11/15/2016	10/13/2017	\$294,358
4 Implementation	10/13/2017	11/23/2018	\$2,571,600
5 Closeout	11/23/2018	4/12/2019	\$30,179
6 Acquisition			\$0
Total			\$3,171,445

Baseline Substantial Completion 10/12/2018



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1120861 Mobile Odor Control Unit Replacement WTC ODOR CORROSION

**Scope**  Yellow

### Scope Variance Comment

Due to termination of construction contract, the project team has pivoted to sourcing commercially available mobile odor control units, instead of designing our own. O&M has determined that 3 MOCUs are still needed.

### Current Scope

Mobile Odor Control Unit Replacement - Design and procure three new trailer mounted activated carbon mobile odor control units to replace three of the existing five units. Incorporate safety and efficiency improvements identified by Operations and Maintenance staff based on past experience.

### Baseline Scope

Mobile Odor Control Unit Replacement - Design and procure three new trailer mounted activated carbon mobile odor control units to replace three of the existing five units. Incorporate safety and efficiency improvements identified by Operations and Maintenance staff based on past experience.

**Schedule**  Red

### Schedule Variance Comment

Final delivery of the 3 units is now expected in mid-April but has been updated to be received as follows: Unit 1 - Delivered this week 4/12/24 . Unit 2 – Expected April 26th Unit 3 Expected the first week of May.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/4/2013	4/4/2013	0	4/4/2013	4/4/2013	0	Completed
2 Preliminary Design	4/4/2013	11/15/2016	1321	4/4/2013	11/15/2016	1321	Completed
3 Final Design	11/15/2016	10/13/2017	332	11/15/2016	7/17/2023	2435	Completed
4 Implementation	10/13/2017	11/23/2018	406	7/17/2023	6/3/2024	322	In Progress
5 Closeout	11/23/2018	4/12/2019	140	6/3/2024	10/29/2024	148	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/12/2018			5/10/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/15/2016	10/12/2018	696	2037	292.00%
Current Schedule	11/15/2016	5/10/2024	2733		

**Cost**  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1120861 Mobile Odor Control Unit Replacement WTC ODOR CORROSION

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$8,194	\$7,506	\$7,506	(\$689)	-8.00%
2 Preliminary Design	\$267,113	\$270,970	\$270,970	\$3,857	1.00%
3 Final Design	\$294,358	\$383,305	\$383,305	\$88,947	30.00%
4 Implementation	\$2,571,600	\$445,597	\$2,423,449	(\$148,151)	-6.00%
5 Closeout	\$30,179	\$0	\$8,473	(\$21,707)	-72.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,171,445	\$1,107,377	\$3,093,702	(\$77,743)	-2.45%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121402 Georgetown Wet Weather Treatment Station STANDALONE

Target Baseline Date	04/19/2016
Actual Baseline Date	04/19/2016
Council District(s)	1, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Regulatory
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/7/2013	6/11/2013	Completed	\$579,223	\$579,223	\$579,223
2 Preliminary Design	6/24/2015	4/19/2016	Completed	\$16,114,279	\$16,186,499	\$13,267,393
3 Final Design	4/19/2016	11/5/2018	Completed	\$19,261,547	\$19,261,547	\$43,647,937
4 Implementation	4/10/2017	8/8/2023	Completed	\$205,831,087	\$192,459,985	\$188,070,597
5 Closeout	8/27/2018	8/4/2025	In Progress	\$588,254	\$104,647	\$1
6 Acquisition	4/18/2015	8/27/2018	Completed	\$11,496,489	\$11,496,902	\$14,329,452
Total				\$253,870,879	\$240,088,804	\$259,894,603

Current Substantial Completion 10/14/2022

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/7/2013	6/11/2013	\$579,218
2 Preliminary Design	6/11/2013	4/19/2016	\$11,352,431
3 Final Design	4/19/2016	11/21/2017	\$26,364,748
4 Implementation	11/21/2017	12/23/2022	\$208,751,871
5 Closeout	12/23/2022	12/17/2024	\$1,952,276
6 Acquisition	4/18/2015	12/16/2016	\$11,712,569
Total			\$260,713,113

Baseline Substantial Completion 2/28/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121402 Georgetown Wet Weather Treatment Station STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Georgetown Wet Weather Treatment Station - The project consists of building a Wet Weather Treatment Station (WWTS), conveyance pipelines, and outfall structure to treat Combined Sewer Overflows (CSO's) prior to discharge into the Lower Duwamish Waterway. The WWTS includes an influent pump station, equalization basin, screening facility, CSO treatment process, and disinfection. Modifications to both the S. Brandon St. and S. Michigan St. Regulator Stations will be required for diversion of flows to the WWTS. Ancillary facilities include an odor control facility, electrical/controls building, and emergency generator. CSO treatment will consist of high rate primary treatment followed by ultra violet disinfection prior to discharge. RINs funded the following for this project: solar panels.

#### Baseline Scope

Georgetown Wet Weather Treatment Station - The project consists of building a Wet Weather Treatment Station (WWTS), conveyance pipelines, and outfall structure to treat Combined Sewer Overflows (CSO's) prior to discharge into the Lower Duwamish Waterway. The WWTS includes an influent pump station, equalization basin, screening facility, CSO treatment process, and disinfection. Modifications to both the S. Brandon St. and S. Michigan St. Regulator Stations will be required for diversion of flows to the WWTS. Ancillary facilities include an odor control facility, electrical/controls building, and emergency generator. CSO treatment will consist of high rate primary treatment followed by ultra violet disinfection prior to discharge.

Schedule  Yellow

### Schedule Variance Comment

Closing out of the contracts has been extended into 2024 to allow for continued fine-tuning of the station operation.

The critical path of the construction schedule was impacted by changes requested in several Request for Change Proposals (RCP), causing delays to the testing sequence for the treatment station. King County agreed to add 150 calendar days to the contract. Due to unusually severe weather conditions encountered in December 2021 King County agreed to add seven (7) calendar days to the contract. The Consent Decree milestone for Substantial Completion is 12/31/2022. This revised schedule does not jeopardize the CD milestone. Substantial Completion was achieved in October 2022 meeting the CD milestone.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/7/2013	6/11/2013	155	1/7/2013	6/11/2013	155	Completed
2 Preliminary Design	6/11/2013	4/19/2016	1043	6/24/2015	4/19/2016	300	Completed
3 Final Design	4/19/2016	11/21/2017	581	4/19/2016	11/5/2018	930	Completed
4 Implementation	11/21/2017	12/23/2022	1858	4/10/2017	8/8/2023	2311	Completed
5 Closeout	12/23/2022	12/17/2024	725	8/27/2018	8/4/2025	2534	In Progress
6 Acquisition	4/18/2015	12/16/2016	608	4/18/2015	8/27/2018	1227	Completed
Substantial Completion Date	2/28/2022			10/14/2022			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121402 Georgetown Wet Weather Treatment Station STANDALONE

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/19/2016	2/28/2022	2141	228	10.00%
Current Schedule	4/19/2016	10/14/2022	2369		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$579,218	\$579,223	\$579,223	\$5	0.00%
2 Preliminary Design	\$11,352,431	\$16,186,499	\$16,114,279	\$4,761,848	42.00%
3 Final Design	\$26,364,748	\$19,261,547	\$19,261,547	(\$7,103,201)	-27.00%
4 Implementation	\$208,751,871	\$192,459,985	\$205,831,087	(\$2,920,783)	-1.00%
5 Closeout	\$1,952,276	\$104,647	\$588,254	(\$1,364,023)	-70.00%
6 Acquisition	\$11,712,569	\$11,496,902	\$11,496,489	(\$216,081)	-2.00%
Total	\$260,713,113	\$240,088,804	\$253,870,879	(\$6,842,234)	-2.62%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
CH2M Hill Engineers	Other	\$35,506,819	12/02/2013	11/30/2024	13	\$824,973
CH2M Hill Engineers	Design/Engineering	\$35,506,819	12/02/2013	11/30/2024	13	\$824,973
	Total	\$71,013,638			26	\$1,649,945

### RMP-2. Contract Change Explanation

Treatment Station – as of August 2023 this Contract had Final Acceptance. As such there are no further Change Orders. Conveyance – as of April 2023 this Contract had Final Acceptance. As such there are no further Change Orders.

### RMP-3. Current Quarter's Key Activities

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121402 Georgetown Wet Weather Treatment Station STANDALONE

Continued work order development for optimal operation of the station. Completed record drawings.

### RMP-4. Next Quarter's Key Activities

Continued work order development for optimal operation of the station. Begin fabrication of the Monument to Rain art piece. Complete design of additional solar panel installation.

### RMP-5. Closely Monitored Issues & Risk Summary

Still waiting on Department of Revenue decision on sales tax

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121409 West Duwamish Wet Weather Storage STANDALONE

Target Baseline Date	02/22/2022	
Actual Baseline Date	02/22/2022	
Council District(s)	8	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Regulatory	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/10/2015	6/10/2015	Completed	\$1,226,002	\$1,226,002	\$1,226,002
2 Preliminary Design	6/10/2015	2/22/2022	Completed	\$4,435,846	\$4,435,846	\$4,247,789
3 Final Design	2/22/2022	7/17/2025	In Progress	\$13,101,197	\$7,758,008	\$10,646,592
4 Implementation	7/17/2025	2/23/2028	Not Started	\$84,892,671	\$32,231	\$87,547,790
5 Closeout	2/23/2028	5/3/2029	Not Started	\$263,916	\$2,290	\$353,639
6 Acquisition	9/1/2016	7/15/2024	In Progress	\$3,229,008	\$2,174,456	\$3,096,168
Total				\$107,148,640	\$15,628,833	\$107,117,980

Current Substantial Completion 12/9/2027

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/1/2014	6/10/2015	\$1,226,002
2 Preliminary Design	2/21/2018	2/22/2022	\$4,247,790
3 Final Design	2/22/2022	8/26/2024	\$10,646,592
4 Implementation	8/26/2024	10/15/2027	\$87,547,790
5 Closeout	10/15/2027	12/11/2028	\$353,639
6 Acquisition	9/1/2016	12/31/2023	\$3,096,168
Total			\$107,117,981

Baseline Substantial Completion 3/1/2027

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121409 West Duwamish Wet Weather Storage STANDALONE

Scope  Green


### Scope Variance Comment

#### Current Scope

West Duwamish Wet Weather Storage - The objective of this project is to control the West Michigan and Terminal 115 combined sewer overflows (CSOs) in Seattle to the Washington State standard of one-event per year on a rolling 20-year average. A storage tank of 1.25 million gallons has been selected as the preferred alternative.

#### Baseline Scope

West Duwamish CSO Control - The objective of this project is to control the West Michigan and Terminal 115 combined sewer overflows (CSOs) to the Washington State standard of one-event per year on a rolling 20-year average. A storage tank of 1.25 million gallons has been selected as the preferred alternative.

Schedule  Red

### Schedule Variance Comment

A 2 month delay in the 90% submittal package was caused by a late 60% design submittal to allow certain permitting documents to be aligned with 60% drawings.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/1/2014	6/10/2015	191	6/10/2015	6/10/2015	0	Completed
2 Preliminary Design	2/21/2018	2/22/2022	1462	6/10/2015	2/22/2022	2449	Completed
3 Final Design	2/22/2022	8/26/2024	916	2/22/2022	7/17/2025	1241	In Progress
4 Implementation	8/26/2024	10/15/2027	1145	7/17/2025	2/23/2028	951	Not Started
5 Closeout	10/15/2027	12/11/2028	423	2/23/2028	5/3/2029	435	Not Started
6 Acquisition	9/1/2016	12/31/2023	2677	9/1/2016	7/15/2024	2874	In Progress
Substantial Completion Date	3/1/2027			12/9/2027			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/22/2022	3/1/2027	1833	283	15.00%
Current Schedule	2/22/2022	12/9/2027	2116		

Cost  Yellow



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1121409 West Duwamish Wet Weather Storage STANDALONE


Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$1,226,002	\$1,226,002	\$1,226,002	\$0	0.00%
2 Preliminary Design	\$4,247,790	\$4,435,846	\$4,435,846	\$188,056	4.00%
3 Final Design	\$10,646,592	\$7,758,008	\$13,101,197	\$2,454,605	23.00%
4 Implementation	\$87,547,790	\$32,231	\$84,892,671	(\$2,655,119)	-3.00%
5 Closeout	\$353,639	\$2,290	\$263,916	(\$89,723)	-25.00%
6 Acquisition	\$3,096,168	\$2,174,456	\$3,229,008	\$132,840	4.00%
Total	\$107,117,981	\$15,628,833	\$107,148,640	\$30,659	0.03%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123624 Coal Creek Siphon & Trunk Parallel STANDALONE

Target Baseline Date	10/01/2019	
Actual Baseline Date	10/01/2019	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	Yes - Reporting Required	
Publish Quarter	Q1 2024	
Portfolio	Capacity Improvements	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/9/2016	8/9/2016	Completed	\$184,178	\$184,178	\$0
2 Preliminary Design	8/9/2016	10/1/2019	Completed	\$5,474,436	\$5,474,436	\$9,425,197
3 Final Design	10/1/2019	1/2/2025	In Progress	\$13,340,896	\$9,714,507	\$12,912,060
4 Implementation	1/2/2025	5/31/2030	Not Started	\$151,128,138	\$214,271	\$106,925,641
5 Closeout	5/31/2030	9/30/2030	Not Started	\$179,560	\$0	\$2,261,159
6 Acquisition	2/18/2020	5/1/2023	Completed	\$2,639,787	\$2,596,121	\$782,944
Total				\$172,946,996	\$18,183,515	\$132,307,001

Current Substantial Completion 12/31/2029

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2015	8/9/2016	\$180,759
2 Preliminary Design	11/13/2017	10/1/2019	\$4,006,653
3 Final Design	10/1/2019	4/29/2022	\$9,842,908
4 Implementation	4/29/2022	8/31/2026	\$114,024,195
5 Closeout	8/31/2026	12/31/2026	\$195,019
6 Acquisition			\$4,061,035
Total			\$132,310,569

Baseline Substantial Completion 5/29/2026

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123624 Coal Creek Siphon & Trunk Parallel STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Coal Creek Siphon & Trunk Parallel - This project will increase the capacity of the downstream half of the Coal Creek Trunk in Bellevue. The trunk to be upgraded is 7,100 lineal feet, ranging in diameter from 15 to 21 inches, and ranges in flow from 7 to 10 million gallons per day (MGD). The upgraded sewer will convey between 11 and 19 MGD to meet the year 2060, 20-year peak flow criteria. In addition to the Coal Creek trunk replacement laterals need to be constructed. All the work occurs within the Coal Creek Natural area with numerous location of the project occurring within sensitive wetlands. The project will restore the wetlands, add wetland enhancement, improve the stream bed, and make a portion of the nature trail bordering the creek accessible to people with disabilities.

#### Baseline Scope

Coal Creek Siphon & Trunk Parallel - This project will increase the capacity of the downstream half of the Coal Creek Trunk. The trunk to be upgraded is 7,100 lineal feet, ranges in diameter from 15 to 21 inches, and ranges in flow from 7 to 10 million gallons per day (MGD). The upgraded sewer will be required to convey between 11 and 19 MGD to meet the year 2060, 20-year peak flow criteria.

Schedule  Red

### Schedule Variance Comment

The design schedule was extended 15 months in Q3 2022 due to permitting delays and unwillingness to preemptively constrain potential contractors. Extended 9 months in Q1 2024 due to rejection of sole construction bid and time needed to readvertise the construction contract.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2015	8/9/2016	586	8/9/2016	8/9/2016	0	Completed
2 Preliminary Design	11/13/2017	10/1/2019	687	8/9/2016	10/1/2019	1148	Completed
3 Final Design	10/1/2019	4/29/2022	941	10/1/2019	1/2/2025	1920	In Progress
4 Implementation	4/29/2022	8/31/2026	1585	1/2/2025	5/31/2030	1975	Not Started
5 Closeout	8/31/2026	12/31/2026	122	5/31/2030	9/30/2030	122	Not Started
6 Acquisition				2/18/2020	5/1/2023	1168	Completed
Substantial Completion Date	5/29/2026			12/31/2029			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/1/2019	5/29/2026	2432	1312	53.00%
Current Schedule	10/1/2019	12/31/2029	3744		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123624 Coal Creek Siphon & Trunk Parallel STANDALONE

Cost  Red

### Cost Variance Comment

Sole construction bid during Q4 2023 advertisement was 40% above engineer's estimate, and rejected. Project team examined the previous estimate and market conditions, and increased the engineer's estimate to \$86M. Related updates to AFI, change order allowance and project contingency were adjusted accordingly.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$180,759	\$184,178	\$184,178	\$3,419	2.00%
2 Preliminary Design	\$4,006,653	\$5,474,436	\$5,474,436	\$1,467,784	37.00%
3 Final Design	\$9,842,908	\$9,714,507	\$13,340,896	\$3,497,988	36.00%
4 Implementation	\$114,024,195	\$214,271	\$151,128,138	\$37,103,943	33.00%
5 Closeout	\$195,019	\$0	\$179,560	(\$15,459)	-8.00%
6 Acquisition	\$4,061,035	\$2,596,121	\$2,639,787	(\$1,421,248)	-35.00%
Total	\$132,310,569	\$18,183,515	\$172,946,996	\$40,636,427	30.71%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Brown and Caldwell	Design/Engineering	\$10,671,930	08/05/2016	03/31/2023	10	\$1,993,721
	Total	\$10,671,930			10	\$1,993,721

### RMP-2. Contract Change Explanation

The design contract for this effort has been extended numerous times, due primarily to delays in permit approval. An amendment will be executed in Q2 for the additional final design time/effort needed for the rebid effort.

### RMP-3. Current Quarter's Key Activities

Analyzed contractor feedback on November advertised construction bid; identified changes to construction rebid package.

### RMP-4. Next Quarter's Key Activities

Finalize rebid package and advertise construction bid in June 2024.

### RMP-5. Closely Monitored Issues & Risk Summary

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1123624 Coal Creek Siphon & Trunk Parallel STANDALONE

There is concern around the number of contractors that are interested in bidding on the contract.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123626 SP Biogas and Heat Systems Improvements STANDALONE

Target Baseline Date	04/11/2017	
Actual Baseline Date	04/11/2017	
Council District(s)	5	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/23/2015	5/12/2015	Completed	\$314,256	\$314,256	\$1
2 Preliminary Design	5/12/2015	4/11/2017	Completed	\$4,569,818	\$4,607,996	\$2,791,737
3 Final Design	4/11/2017	5/5/2025	In Progress	\$12,673,647	\$9,187,195	\$8,406,021
4 Implementation	4/18/2022	9/22/2027	In Progress	\$37,054,641	\$9,085,173	\$44,833,267
5 Closeout	4/26/2024	12/29/2027	Not Started	\$109,342	\$0	\$9,311
6 Acquisition			N/A	\$47	\$47	\$1
			<b>Total</b>	<b>\$54,721,751</b>	<b>\$23,194,668</b>	<b>\$56,040,338</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/23/2015	5/12/2015	\$185,274
2 Preliminary Design	5/12/2015	4/11/2017	\$1,045,693
3 Final Design	4/11/2017	5/15/2019	\$6,520,678
4 Implementation	5/15/2019	5/19/2021	\$51,873,293
5 Closeout	5/19/2021	2/8/2022	\$272,345
6 Acquisition			\$21
		Total	\$59,897,304

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123626 SP Biogas and Heat Systems Improvements STANDALONE

### Scope



Yellow

#### Scope Variance Comment

Project had significant adjustment from original 2017 Gate 3 project scope. Upon completing final design in 2018 the governance board directed the project team to reevaluate scope and near-term heating and gas scrubbing and heating needs. This evaluation was completed in 2019 with the Delivery Board authorizing predesign of the revised Heating System and postponing a decision on the revised Gas Scrubbing System scope until Q1/Q2 2020. - 1. Heating System - Project team and received approval to proceed with final design and implementation of revised Heating System scope in July 2020. KC000362 Heat Systems contract bid opening occurred on 1/11/2022 with Construction NTP issued 4/18/22. - 2. Near-term Biogas - Definition Board approved revised near-term (NT) biogas scope addition in September 2021. The Project Oversight Board authorized the expedited design/installation of a siloxane removal system to remain below Puget Sound Energy mandated maximum siloxane levels in March 2022. The Definition Board authorized the addition a thermal oxidizer needed as part of the flash tank system in April 2023. South Plant staff have expressed heightened system/performance failure concerns for the scrubber water pump/regenerative turbine systems and waste gas burners. The project team will request Governance Board authorization to replace these operation critical systems in Q2 2024; these important scope additions will have schedule and budget impacts. - 3. Siloxane Removal - The Definition Board approved adding siloxane removal in March 2022 (for implementation via Energy Services Performance Contract using an Energy Services Company (ESCO)). The Configuration Change Board authorized scope to automate the siloxane removal system in Q4 2023 to increase personnel and equipment safety/reliability upon repressurization. The automated siloxane removal system has been fully implemented.

#### Current Scope

SP Biogas and Heat Systems Improvements - Implement modifications identified in the South Plant Biogas Utilization Study (2013), which established that the continued upgrading of digester gas for injection into the local utility's natural gas line was the best use of plant generated biogas in the future. The selected alternative (September 2016, under this project) includes: 1) replacement of the existing biogas scrubbing system with a new membrane biogas separation system, and 2) installation of new dual-fuel hot water boilers and low-temperature effluent heat extractors to meet year-round heating demands through 2040. The new boilers will be co-located with the biogas upgrading facility in a new building, and the heat extractors will be located in the lower floor of the existing Digester Equipment Building. The existing biogas scrubbing system, heat extractors and boiler will be demolished.

#### Baseline Scope

SP Biogas and Heat Systems Improvements - Implement modifications identified in the recently completed South Plant Biogas Utilization Study. Modifications include: 1) replacement of the existing gas scrubbing system (installed in 1987) with a new gas treatment system (Pressure Swing Adsorption or alternative), and 2) improved reliability of the existing plant heat system to meet year-round plant heat demand with one unit out of service using either raw-gas boilers or new high-temperature heat extractors. Ref: SP Biogas Utilization Study final report (Dec 2013)

### Schedule



Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1123626 SP Biogas and Heat Systems Improvements STANDALONE

### Schedule Variance Comment

Project has experienced significant delays as the team was directed in 2018 upon completing final design to reevaluate scope and near-term heating and gas scrubbing and heating needs. This evaluation was completed in Q2 2019 and was presented to the Delivery Board in July 2019. The Project Team returned to the Delivery Board in mid-September 2019 to address questions arising from the July meeting. The Delivery Board authorized design of the revised Heating System scope and postponed decision on the revised Gas Scrubbing System scope until Q1/Q2 2020. - 1. Heating System - Amended Engineering Design contract to proceed with predesign in December 2019. Project team and received approval to proceed to final design and implementation in July 2020. KC000362 Heat Systems contract bid opening occurred on 1/11/2022 with Construction NTP issued 4/18/22. KC000362 Substantial Completion extended 410 days to 4/16/25 due to change in heat pump mfr. after initial mfr. could not meet the specifications. - 2. Near-term Biogas - Definition Board approved revised near-term (NT) biogas scope addition in September 2021 and thermal oxidizer in April 2023. Amended Engineering Design contract to add NT Biogas predesign in November 2021, initial siloxane design (see item 3, below) in May 2022, and NT Biogas final design in June 2023. An additional 5-6 month schedule extension is anticipated due to additional time needed for the project team to discuss operations, design, and construction sequencing of legacy equipment replacement and system improvements, and construction procurement taking longer than time allotted in the schedule. Construction contract notice to proceed anticipated in Q3 2025; The project team will brief the Governance Board on these issues in Q2 2024. - 3. Siloxane Removal - The Definition Board approved adding siloxane removal in March 2022 (for implementation via Energy Services Performance Contract using an Energy Services Company (ESCO)).

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/23/2015	5/12/2015	78	2/23/2015	5/12/2015	78	Completed
2 Preliminary Design	5/12/2015	4/11/2017	700	5/12/2015	4/11/2017	700	Completed
3 Final Design	4/11/2017	5/15/2019	764	4/11/2017	5/5/2025	2946	In Progress
4 Implementation	5/15/2019	5/19/2021	735	4/18/2022	9/22/2027	1983	In Progress
5 Closeout	5/19/2021	2/8/2022	265	4/26/2024	12/29/2027	1342	Not Started
6 Acquisition							N/A
Substantial Completion Date	2/19/2021			3/22/2027			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/11/2017	2/19/2021	1410	2222	157.00%
Current Schedule	4/11/2017	3/22/2027	3632		

Cost  Green

### Cost Variance Comment



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1123626 SP Biogas and Heat Systems Improvements STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$185,274	\$314,256	\$314,256	\$128,983	70.00%
2 Preliminary Design	\$1,045,693	\$4,607,996	\$4,569,818	\$3,524,126	337.00%
3 Final Design	\$6,520,678	\$9,187,195	\$12,673,647	\$6,152,969	94.00%
4 Implementation	\$51,873,293	\$9,085,173	\$37,054,641	(\$14,818,652)	-29.00%
5 Closeout	\$272,345	\$0	\$109,342	(\$163,003)	-60.00%
6 Acquisition	\$21	\$47	\$47	\$26	126.00%
Total	\$59,897,304	\$23,194,668	\$54,721,751	(\$5,175,553)	-8.64%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127489 West Point Primary Sedimentation Area Roof Structure STANDALONE

Target Baseline Date	01/09/2019	
Actual Baseline Date	01/09/2019	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Resiliency	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/28/2015	10/13/2015	Completed	\$173,118	\$173,118	\$100,000
2 Preliminary Design	3/26/2018	1/9/2019	Completed	\$1,732,298	\$1,732,298	\$1,675,616
3 Final Design	1/9/2019	3/9/2024	Completed	\$3,656,156	\$3,685,555	\$5,389,354
4 Implementation	3/10/2021	4/14/2026	In Progress	\$43,240,648	\$29,756,206	\$39,692,782
5 Closeout	4/26/2024	8/20/2026	Not Started	\$84,592	\$0	\$87,327
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$48,886,812	\$35,347,178	\$46,945,079

Current Substantial Completion 9/12/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/28/2015	10/13/2015	\$156,515
2 Preliminary Design	3/26/2018	1/9/2019	\$1,580,531
3 Final Design	1/9/2019	1/21/2021	\$3,485,655
4 Implementation	1/21/2021	6/13/2023	\$32,186,176
5 Closeout	6/13/2023	12/29/2023	\$249,496
6 Acquisition			\$0
Total			\$37,658,373

Baseline Substantial Completion 10/27/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127489 West Point Primary Sedimentation Area Roof Structure STANDALONE

Scope  Yellow

### Scope Variance Comment

Liner/coating work was added to the project scope to provide tank corrosion protection.

### Current Scope

West Point Primary Sedimentation Area Roof Structure - The project will seismically retrofit and remove the east and west primary sedimentation roof structures while accounting for the electrical conduits and piping currently attached to the roof structure as part of the design solution. The project will replace the odor control ducting on the primary sedimentation roof structure. The approved recommended alternative will remove the concrete framing (z-beams, girders & columns) and provide a partial roof canopy over the influent ends of both East and West Primary Sedimentation basins. The project will provide coating of the annular space of the sedimentation tanks.

### Baseline Scope

West Point Primary Sedimentation Area Roof Structure - Project will remove the Z-beams, girders, columns, upgrade the tank walls and add a partial roof structure. The West Point Treatment Plant was constructed in the early 1960s. The primary sedimentation area roof structure had a seismic upgrade in the 1990s for the East- West oriented frames. The North- South frames were not upgraded. Analysis in 2010 showed the East- West frames meet a Life Safety performance level but the North- South frames do not; therefore, the roof structure as a whole does not meet a Life Safety performance level.

Schedule  Red

### Schedule Variance Comment

Project Oversight Board (POB) approved liner/coating scope addition impacting baseline. The Definition and Delivery Board then approved the coating scope of work be moved to a standalone contract extending the project an additional 2 years.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/28/2015	10/13/2015	46	8/28/2015	10/13/2015	46	Completed
2 Preliminary Design	3/26/2018	1/9/2019	289	3/26/2018	1/9/2019	289	Completed
3 Final Design	1/9/2019	1/21/2021	743	1/9/2019	3/9/2024	1886	Completed
4 Implementation	1/21/2021	6/13/2023	873	3/10/2021	4/14/2026	1861	In Progress
5 Closeout	6/13/2023	12/29/2023	199	4/26/2024	8/20/2026	846	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/27/2022			9/12/2025			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/9/2019	10/27/2022	1387	1051	75.00%
Current Schedule	1/9/2019	9/12/2025	2438		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1127489 West Point Primary Sedimentation Area Roof Structure STANDALONE

Cost  Red

**Cost Variance Comment**  
Project Oversight Board (POB) approved liner/coating scope addition impacting baseline. On April 6, 2021, the POB approved the revised project budget. The lowest responsive bidder was 13% higher than the engineer’s estimate.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$156,515	\$173,118	\$173,118	\$16,604	11.00%
2 Preliminary Design	\$1,580,531	\$1,732,298	\$1,732,298	\$151,767	10.00%
3 Final Design	\$3,485,655	\$3,685,555	\$3,656,156	\$170,501	5.00%
4 Implementation	\$32,186,176	\$29,756,206	\$43,240,648	\$11,054,472	34.00%
5 Closeout	\$249,496	\$0	\$84,592	(\$164,904)	-66.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$37,658,373	\$35,347,178	\$48,886,812	\$11,228,439	29.82%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1128354 Interbay Force Main & Odor Control STANDALONE

Target Baseline Date	02/03/2021
Actual Baseline Date	02/03/2021
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Asset Management (Conveyance)
Subportfolio	



Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/9/2017	5/9/2017	Completed	\$1,325,644	\$1,325,644	\$1,325,641
2 Preliminary Design	5/9/2017	2/3/2021	Completed	\$3,160,254	\$3,160,254	\$3,160,254
3 Final Design	2/3/2021	5/10/2024	In Progress	\$9,034,304	\$7,977,506	\$10,472,767
4 Implementation	5/10/2024	1/7/2028	Not Started	\$78,013,835	\$1,121,593	\$52,603,278
5 Closeout	1/7/2028	6/28/2028	Not Started	\$31,554	\$0	\$188,941
6 Acquisition			N/A	\$198,843	\$199,382	\$130,046
Total				\$91,764,434	\$13,784,380	\$67,880,927

Current Substantial Completion 11/5/2027

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/12/2017	5/9/2017	\$35,774
2 Preliminary Design	2/8/2018	2/3/2021	\$745,913
3 Final Design	2/3/2021	7/28/2022	\$1,172,242
4 Implementation	1/10/2022	2/18/2025	\$3,338,820
5 Closeout	12/7/2022	10/31/2025	\$93,873
6 Acquisition			\$246
Total			\$5,386,868

Baseline Substantial Completion 12/18/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1128354 Interbay Force Main & Odor Control STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Interbay Force Main & Odor Control - This project will replace the Interbay Pump Station (Seattle) dual 36" force mains with 42" ductile iron pipe, line the dual 48" force mains and 96" gravity line, rehabilitate the force main discharge structure (FMDS) and construct an odor control facility at the FMDS. The scope includes lining of the 96-inch gravity line located north of the FMDS.

#### Baseline Scope

Interbay Force Main & Odor Control - Replace the Interbay Pump Station dual 36" forcemains with 42" ductile iron pipe, line the dual 48" forcemains and 96" gravity line, rehabilitate the forcemain discharge structure (FMDS) and construct an odor control facility at the FMDS. The scope was expanded to include lining of the 96-inch gravity line located north of the discharge structure.

Schedule  Red

### Schedule Variance Comment

As a result of the continued delays in obtaining the final permits and being able to finalize the bid set, the construction schedule has been impacted. Final permits were received during the Construction Bid Advertisement Period. Construction bids were received 3/11/2024. The delay primarily impacts the Geopolymer lining work that had been slated for the 2024 low-flow season. This work is not a critical item and can shift to 2027 if the construction schedule is extended, allowing the critical work (primarily the 36-inch force mains) to continue in 2025. Based on the discussions of the team, the determination is to shift the Geopolymer work from the 2024 Low Flow Season to the 2027 Low Flow Season (May 15 – Oct 15). This leaves only 2 months of float before the TCEs are set to expire (Dec 2027). There is a low risk that the geopolymer work would extend beyond the low flow season of 2027 but should be able to be completed before the expiration of the TCEs.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/12/2017	5/9/2017	117	5/9/2017	5/9/2017	0	Completed
2 Preliminary Design	2/8/2018	2/3/2021	1091	5/9/2017	2/3/2021	1366	Completed
3 Final Design	2/3/2021	7/28/2022	540	2/3/2021	5/10/2024	1192	In Progress
4 Implementation	1/10/2022	2/18/2025	1135	5/10/2024	1/7/2028	1337	Not Started
5 Closeout	12/7/2022	10/31/2025	1059	1/7/2028	6/28/2028	173	Not Started
6 Acquisition							N/A
Substantial Completion Date	12/18/2024			11/5/2027			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1128354 Interbay Force Main & Odor Control STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/3/2021	12/18/2024	1414	1052	74.00%
Current Schedule	2/3/2021	11/5/2027	2466		

Cost  Red

### Cost Variance Comment

100% Construction Cost Estimate forecasts an un-escalated probable construction bid of \$42M (excludes sales tax and change order allowance). This is an increase of approximately \$12M from the previous cost estimates for Contract 1 (\$8.4M) and Contract 2 (\$20M). The cost increase reflects the current market conditions impacted by material shortages, increased production costs, and increased labor costs. The low bidder was James W. Fowler Construction at \$51,819,412, plus sales tax.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$35,774	\$1,325,644	\$1,325,644	\$1,289,870	3,606.00%
2 Preliminary Design	\$745,913	\$3,160,254	\$3,160,254	\$2,414,341	324.00%
3 Final Design	\$1,172,242	\$7,977,506	\$9,034,304	\$7,862,062	671.00%
4 Implementation	\$3,338,820	\$1,121,593	\$78,013,835	\$74,675,015	2,237.00%
5 Closeout	\$93,873	\$0	\$31,554	(\$62,319)	-66.00%
6 Acquisition	\$246	\$199,382	\$198,843	\$198,597	80,730.00%
<b>Total</b>	<b>\$5,386,868</b>	<b>\$13,784,380</b>	<b>\$91,764,434</b>	<b>\$86,377,566</b>	<b>1,603.48%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129156 Juanita Bay PS RSP Protection System Upgrade WTC ELECTRICAL I AND C

Target Baseline Date	07/06/2021
Actual Baseline Date	07/06/2021
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by DNRPIEricksoh on 8/1/2023 2:38:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/22/2016	2/22/2016	Completed	\$108,405	\$108,405	\$0
2 Preliminary Design	2/22/2016	7/6/2021	Completed	\$653,690	\$653,690	\$0
3 Final Design	7/6/2021	8/17/2022	Completed	\$138,185	\$138,185	\$0
4 Implementation	8/17/2022	7/31/2023	In Progress	\$939,122	\$1,047,537	\$0
5 Closeout	7/31/2023	10/31/2023	Not Started	\$29,887	\$35,069	\$0
6 Acquisition			N/A	\$24,268	\$91,694	\$0
Total				\$1,893,557	\$2,074,580	\$0

Current Substantial Completion 1/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/12/2016	2/22/2016	\$108,345
2 Preliminary Design	2/22/2016	7/6/2021	\$306,853
3 Final Design	7/6/2021	6/1/2022	\$86,099
4 Implementation	6/1/2022	9/15/2022	\$1,193,472
5 Closeout	9/15/2022	12/29/2022	\$81,420
6 Acquisition			\$0
Total			\$1,776,188

Baseline Substantial Completion 8/17/2022



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129156 Juanita Bay PS RSP Protection System Upgrade WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

Juanita Bay PS RSP Protection System Upgrade - WTD technical standards require that the raw sewage pumps (RSPs) have a protection system that monitors for excessive vibration or temperature and initiates corrective actions or warnings if excessive vibration or temperatures are detected. The existing protective system at Juanita has been bypassed at the PLC since initial commissioning and is providing no protection to the RSP. Despite several attempts, WTD O&M and engineering staff have not been able to get the existing system to provide the required level of protection from excess vibration or temperature required by WTD technical standards. The scope of this project is to perform: 1) Engineering assessment of the existing RSP vibration and temperature protection system. 2) Alternatives Analysis to determine the recommended alternative to meet the WTD technical standard. 3) Predesign and Final Design tasks to develop the construction contract documents for bidding. 4) Procure a construction contract and complete construction.

#### Baseline Scope

Juanita Bay PS RSP Protection System Upgrade - WTD technical standards require that the raw sewage pumps (RSPs) have a protection system that monitors for excessive vibration or temperature and initiates corrective actions or warnings if excessive vibration or temperatures are detected. The existing protective system at Juanita has been bypassed at the PLC since initial commissioning and is providing no protection to the RSP. Despite several attempts, WTD O&M and engineering staff have not been able to get the existing system to provide the required level of protection from excess vibration or temperature required by WTD technical standards. The scope of this project is to perform: 1) Engineering assessment of the existing RSP vibration and temperature protection system. 2) Alternatives Analysis to determine the recommended alternative to meet the WTD technical standard. 3) Predesign and Final Design tasks to develop the construction contract documents for bidding. 4) Procure a construction contract and complete construction.

Schedule  Red

### Schedule Variance Comment

Initial design didn't include the structural design, which was later added. Additionally, Construction WO development took longer than expected as WTD directed the contractor to first address higher priority work. This work order took longer than expected for a number of reasons, including issues with owner furnished equipment, missing parts, O&M scheduling issues, and multiple scope/drawing question Pump #2 shaft had broken and took time to get the parts.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/12/2016	2/22/2016	-50	2/22/2016	2/22/2016	0	Completed
2 Preliminary Design	2/22/2016	7/6/2021	1961	2/22/2016	7/6/2021	1961	Completed
3 Final Design	7/6/2021	6/1/2022	330	7/6/2021	8/17/2022	407	Completed
4 Implementation	6/1/2022	9/15/2022	106	8/17/2022	7/31/2023	348	In Progress
5 Closeout	9/15/2022	12/29/2022	105	7/31/2023	10/31/2023	92	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/17/2022			1/31/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129156 Juanita Bay PS RSP Protection System Upgrade WTC ELECTRICAL I AND C

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/6/2021	8/17/2022	407	167	41.00%
Current Schedule	7/6/2021	1/31/2023	574		

Cost  Yellow

### Cost Variance Comment


The variance is due to indirect burden cost and additional effort for WTD labor. issues with owner furnished equipment, missing parts, O&M scheduling issues, scope/drawing questions, multiple inspectors, having O&M fabricate parts, etc. NTP was 9/28 with a completion of 10/31, which was not enough time for the scope correctly for 4 pumps, each taking two weeks. right off the bat there was a bunch of questions on the scope, to move or not move the panels, meetings, site visits, owner supplied cables that were too short, the missing server. Trying to schedule shutdowns, but then O&M said we couldn't shut down on that date because Pump 1 was down, and they couldn't have two pumps down at the same time. But basically, work was more difficult than anticipated. I was told there was one panel where most of the wires ran through which somehow made the work more difficult. And we had 5 different inspectors on this, Marshall, Ryan, Tom, Chase, and now Freddy, which somewhat disrupted the workflow. These work orders always take longer than anticipated, especially when so many different parties have their hand in it.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$108,345	\$108,405	\$108,405	\$60	0.00%
2 Preliminary Design	\$306,853	\$653,690	\$653,690	\$346,838	113.00%
3 Final Design	\$86,099	\$138,185	\$138,185	\$52,086	60.00%
4 Implementation	\$1,193,472	\$1,047,537	\$939,122	(\$254,350)	-21.00%
5 Closeout	\$81,420	\$35,069	\$29,887	(\$51,533)	-63.00%
6 Acquisition	\$0	\$91,694	\$24,268	\$24,268	0.00%
<b>Total</b>	<b>\$1,776,188</b>	<b>\$2,074,580</b>	<b>\$1,893,557</b>	<b>\$117,369</b>	<b>6.61%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129526 WPTP LSG Piping Replacement STANDALONE

Target Baseline Date	10/15/2019	
Actual Baseline Date	10/15/2019	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Risk Scoring Complete	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/12/2017	4/25/2018	Completed	\$132,106	\$132,106	\$132,105
2 Preliminary Design	4/25/2018	10/15/2019	Completed	\$1,139,249	\$1,139,249	\$1,139,248
3 Final Design	10/15/2019	5/18/2021	Completed	\$2,199,672	\$2,199,672	\$2,239,880
4 Implementation	4/29/2020	6/30/2027	In Progress	\$23,743,568	\$17,816,731	\$23,698,789
5 Closeout	2/17/2021	12/31/2027	In Progress	\$89,233	\$78,798	\$93,804
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$27,303,827	\$21,366,555	\$27,303,826

Current Substantial Completion 9/15/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/12/2017	4/25/2018	\$128,422
2 Preliminary Design	4/25/2018	10/15/2019	\$938,556
3 Final Design	10/15/2019	4/15/2021	\$3,368,107
4 Implementation	4/30/2020	6/30/2027	\$20,386,829
5 Closeout	1/31/2021	12/31/2027	\$98,427
6 Acquisition			\$0
Total			\$24,920,340

Baseline Substantial Completion 12/31/2026

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129526 WPTP LSG Piping Replacement STANDALONE

Scope  Green


### Scope Variance Comment

#### Current Scope

WPTP LSG Piping Replacement - This project is to replace and/or rehabilitate the Low Pressure Sludge Gas/Biogas (LSG) piping system at the West Point Treatment Plant (WPTP) in Seattle.

#### Baseline Scope

WPTP LSG Piping Replacement - Replace the Low Pressure Sludge Gas/Biogas (LSG) piping system at the West Point Treatment Plant (WPTP). Recent inspections identified six holes in the LSG pipeline. Temporary patches have been installed at these locations. The LSG pipe system at West Point was installed during the original plant construction in the 1960's for Digesters 1-3. The system was expanded in the mid 1980's with the construction of Digesters 4 and 5; and again in the 1990's with the addition of Digester 6. The project will conduct an Alternative Analysis of the existing LSG piping system, and will design and rehabilitate the piping systems into a safe and reliable system. Major Scope items include: \* Inspect, identify, and develop the inventory of corroded Low Pressure Sludge Gas (LSG)/Biogas piping system; \* Conduct an Alternatives Analysis for replacing, fixing (coating, lining), and Cathodic Protection, etc. \* Design the recommended alternative and prepare the contract documents \* Implement the designed plans in close coordination with the Plant Process Safety Management (PSM) Team

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/12/2017	4/25/2018	287	7/12/2017	4/25/2018	287	Completed
2 Preliminary Design	4/25/2018	10/15/2019	538	4/25/2018	10/15/2019	538	Completed
3 Final Design	10/15/2019	4/15/2021	548	10/15/2019	5/18/2021	581	Completed
4 Implementation	4/30/2020	6/30/2027	2617	4/29/2020	6/30/2027	2618	In Progress
5 Closeout	1/31/2021	12/31/2027	2525	2/17/2021	12/31/2027	2508	In Progress
6 Acquisition							N/A
Substantial Completion Date	12/31/2026			9/15/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/15/2019	12/31/2026	2634	-472	-17.00%
Current Schedule	10/15/2019	9/15/2025	2162		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129526 WPTP LSG Piping Replacement STANDALONE

Cost  Yellow

### Cost Variance Comment

The additional budget has been forecasted due to abnormally high prices of construction materials. In addition, a pipeline replacement was added to the project scope.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$128,422	\$132,106	\$132,106	\$3,684	3.00%
2 Preliminary Design	\$938,556	\$1,139,249	\$1,139,249	\$200,692	21.00%
3 Final Design	\$3,368,107	\$2,199,672	\$2,199,672	(\$1,168,435)	-35.00%
4 Implementation	\$20,386,829	\$17,816,731	\$23,743,568	\$3,356,739	16.00%
5 Closeout	\$98,427	\$78,798	\$89,233	(\$9,194)	-9.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$24,920,340	\$21,366,555	\$27,303,827	\$2,383,486	9.56%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129529 WPTP PE and RAS Pipe Restoration/Replacement STANDALONE

Target Baseline Date	09/20/2022
Actual Baseline Date	09/20/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/12/2017	12/12/2017	Completed	\$107,045	\$107,045	\$242,836
2 Preliminary Design	12/12/2017	9/20/2022	Completed	\$2,308,858	\$2,309,218	\$2,763,522
3 Final Design	9/20/2022	3/31/2025	In Progress	\$3,601,088	\$1,473,422	\$3,236,632
4 Implementation	3/31/2025	11/10/2027	Not Started	\$30,095,369	\$141,673	\$24,187,574
5 Closeout	11/10/2027	6/13/2028	Not Started	\$82,926	\$0	\$17,994
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$36,195,287	\$4,031,358	\$30,448,558

Current Substantial Completion 9/15/2027

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/12/2017	12/12/2017	\$246,381
2 Preliminary Design	12/12/2017	9/20/2022	\$1,963,772
3 Final Design	9/20/2022	1/9/2024	\$3,564,387
4 Implementation	5/1/2024	9/30/2026	\$24,766,380
5 Closeout	10/1/2026	10/1/2027	\$33,171
6 Acquisition			\$0
Total			\$30,574,092

Baseline Substantial Completion 9/30/2026

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129529 WPTP PE and RAS Pipe Restoration/Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP PE and RAS Pipe Restoration/Replacement - Inspect, restore and/or replace corroded pipelines of the Primary Effluent (PE), Waste Activated Sludge (WAS), and Return Activated Sludge (RAS) pipes of the Secondary Treatment System (STS) at the West Point Treatment Plant in Seattle. The scope also includes: Replace 12 existing magnetic flow meters in the PE and RAS pipe lines; install isolation valve in the WAS pipe; install soil resistivity monitoring on the PE headers of the aeration tanks (to monitor the potential for corrosion); and install additional pipe bracing on the PE/RAS pipes for conformance with seismic standards.

#### Baseline Scope

WPTP PE and RAS Pipe Restoration/Replacement - Inspect, restore and/or replace corroded pipelines of the Primary Effluent (PE), Waste Activated Sludge (WAS), and Return Activated Sludge (RAS) pipes of the Secondary Treatment System (STS) at the West Point Treatment Plant in Seattle. The scope also includes: Replace 12 existing magnetic flow meters in the PE and RAS pipe lines; install isolation valve in the WAS pipe; install soil resistivity monitoring on the PE headers of the aeration tanks (to monitor the potential for corrosion); and install additional pipe bracing on the PE/RAS pipes for conformance with seismic standards.

Schedule  Red

### Schedule Variance Comment

Schedule remains on target for 2025 construction even with additional scope items requested by O&M..

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/12/2017	12/12/2017	153	7/12/2017	12/12/2017	153	Completed
2 Preliminary Design	12/12/2017	9/20/2022	1743	12/12/2017	9/20/2022	1743	Completed
3 Final Design	9/20/2022	1/9/2024	476	9/20/2022	3/31/2025	923	In Progress
4 Implementation	5/1/2024	9/30/2026	882	3/31/2025	11/10/2027	954	Not Started
5 Closeout	10/1/2026	10/1/2027	365	11/10/2027	6/13/2028	216	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/30/2026			9/15/2027			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/20/2022	9/30/2026	1471	350	23.00%
Current Schedule	9/20/2022	9/15/2027	1821		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129529 WPTP PE and RAS Pipe Restoration/Replacement STANDALONE

Cost  Red

**Cost Variance Comment**  
Definition and Delivery board approval is required, GC/CM contractor estimates to be received in July and reconciled prior to attending the Definition and Delivery board.


Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$246,381	\$107,045	\$107,045	(\$139,336)	-57.00%
2 Preliminary Design	\$1,963,772	\$2,309,218	\$2,308,858	\$345,086	18.00%
3 Final Design	\$3,564,387	\$1,473,422	\$3,601,088	\$36,701	1.00%
4 Implementation	\$24,766,380	\$141,673	\$30,095,369	\$5,328,989	22.00%
5 Closeout	\$33,171	\$0	\$82,926	\$49,755	150.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$30,574,092	\$4,031,358	\$36,195,287	\$5,621,195	18.39%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129532 BW Aeration Basin Optimization STANDALONE

Target Baseline Date	10/06/2020	
Actual Baseline Date	10/06/2020	
Council District(s)		
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Operational Enhancements	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/12/2017	3/14/2017	Completed	\$37,180	\$37,180	\$96,791
2 Preliminary Design	3/15/2017	10/6/2020	Completed	\$2,432,178	\$2,432,178	\$1,336,942
3 Final Design	10/6/2020	8/23/2022	Completed	\$3,865,774	\$3,865,774	\$2,643,950
4 Implementation	9/11/2020	11/29/2024	In Progress	\$17,107,287	\$13,461,787	\$24,098,351
5 Closeout	10/28/2022	12/17/2024	In Progress	\$101,757	\$223	\$1,750
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$23,544,177	\$19,797,142	\$28,177,784

Current Substantial Completion 8/5/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/12/2017	3/14/2017	\$37,180
2 Preliminary Design	3/15/2017	10/6/2020	\$2,002,253
3 Final Design	10/6/2020	1/28/2022	\$4,463,319
4 Implementation	9/11/2020	9/22/2023	\$14,506,728
5 Closeout	6/30/2021	4/12/2024	\$183,633
6 Acquisition			\$0
Total			\$21,193,113

Baseline Substantial Completion 4/21/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129532 BW Aeration Basin Optimization STANDALONE

Scope



Green

### Scope Variance Comment

#### Current Scope

BW Aeration Basin Optimization - Optimize the three Brightwater Treatment Plant (BW) aeration basins to decrease chemical and energy usage, decrease foaming and increase process/operational flexibility. Project includes a two phase design/implementation approach. Phase 1 is an accelerated phase to install actuated control valves for improved aeration control and to reduce excess air delivery to the aeration basins (Zone Dissolved Oxygen (DO) Control); ammonium sensors will also be installed to support Phase 2 work. Phase 2 includes design/implementation of a classifying selector tank to provide improved solids retention control for improved process flexibility, improved performance/reduced foaming, further reduce excess air delivery, and chemical reduction; diffuser membranes will also be replaced for more efficient aeration. This project approach allows King County to realize partial aeration/energy savings approximately a year in advance upon completion of Phase 1 with the remainder of energy savings and other benefits being realized upon completion of Phase 2. Phase 1 improvements were implemented using the Washington State Energy Service Performance Contract. Phase 2 work will be implement using design-bid-build delivery.

#### Baseline Scope

BW Aeration Basin Optimization - At the Brightwater Treatment Plant (BWTP), optimize the three aeration basins to decrease chemical and energy usage, decrease foaming and increase process/operational flexibility. Project includes a two phase design/implementation approach. Phase 1 is an accelerated phase to install actuated control valves for improved aeration control and to reduce excess air delivery to the aeration basins (Zone Dissolved Oxygen (DO) Control); ammonium sensors will also be installed to support Phase 2 work. Phase 2 includes design/implementation of a classifying selector tank to provide improved solids retention control for improved process flexibility, improved performance/reduced foaming, further reduce excess air delivery, and chemical reduction; diffuser membranes will also be replaced for more efficient aeration. This project approach allows King County to realize partial aeration/energy savings a year in advance upon completion of Phase 1 with the remainder of energy savings and other benefits being realized upon completion of Phase 2.

Schedule



Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129532 BW Aeration Basin Optimization STANDALONE

### Schedule Variance Comment

Project Delivery Board authorized the post baseline schedule increase in Q2 (May) 2022. Schedule was increased due to the following: late addition and subsequent revision from tote to temporary tank supply of polyaluminum chloride (PAX) chemical for enhanced foam management due to BW staffing limitations, complexity of project control strategies and BW staffing limitations extended completion of the strategies, unanticipated requirement of the County to contract directly with Emerson for Ovation programming requires additional construction planning/contractor coordination, timing of 100% design document completion at the beginning of December, PAX revision requiring permit application modification, and Procurement staffing constraints shifted out bid advertisement date and construction NTP. Additionally, the unanticipated inability of the ESCO to provide Early Out Work (EOW) test engineering and test plan development caused delays in completing the Emerson Site Acceptance Testing (SAT) and implementation of the Zone DO control strategy. Construction has seasonal constraints and additional discussion with BW staff revealed inaccurate initial assumptions had been made related to construction sequencing and duration. Substantial completion (defined as completion of classifying selector operational testing with at least two fully operational aeration basins in service) has been revised to 10/14/23, which is the end of the dry weather season. There is risk of additional delay due to BW staff availability to support Emerson programming development and SAT testing, unanticipated Emerson programming personnel changes, electrical component supply chain issues, and contractor resource and management issues. It is likely that some contractor work will extend into Q2 2024, and possibly Q3 2024 due to seasonal constraints. Project number closure may extend beyond Q4 2024.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/12/2017	3/14/2017	61	1/12/2017	3/14/2017	61	Completed
2 Preliminary Design	3/15/2017	10/6/2020	1301	3/15/2017	10/6/2020	1301	Completed
3 Final Design	10/6/2020	1/28/2022	479	10/6/2020	8/23/2022	686	Completed
4 Implementation	9/11/2020	9/22/2023	1106	9/11/2020	11/29/2024	1540	In Progress
5 Closeout	6/30/2021	4/12/2024	1017	10/28/2022	12/17/2024	781	In Progress
6 Acquisition							N/A
Substantial Completion Date	4/21/2023			8/5/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/6/2020	4/21/2023	927	472	50.00%
Current Schedule	10/6/2020	8/5/2024	1399		

Cost  Yellow

### Cost Variance Comment

Project Delivery Board authorized a post baseline budget increase in Q2 (May) 2022. Additional budget replenishes project contingency to WTD standard levels for the beginning of the implementation phase. Project remains within budget.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


## 1129532 BW Aeration Basin Optimization STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$37,180	\$37,180	\$37,180	\$0	0.00%
2 Preliminary Design	\$2,002,253	\$2,432,178	\$2,432,178	\$429,925	21.00%
3 Final Design	\$4,463,319	\$3,865,774	\$3,865,774	(\$597,545)	-13.00%
4 Implementation	\$14,506,728	\$13,461,787	\$17,107,287	\$2,600,560	18.00%
5 Closeout	\$183,633	\$223	\$101,757	(\$81,876)	-45.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$21,193,113	\$19,797,142	\$23,544,177	\$2,351,064	11.09%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134063 WPTP Power Monitoring Upgrades STANDALONE

Target Baseline Date	03/30/2021	
Actual Baseline Date	03/02/2021	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Resiliency	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/17/2018	5/7/2019	Completed	\$416,603	\$416,603	\$68,444
2 Preliminary Design	5/7/2019	3/30/2021	Completed	\$990,746	\$990,746	\$358,409
3 Final Design	3/30/2021	6/21/2022	Completed	\$426,263	\$426,263	\$1,835,408
4 Implementation	6/21/2022	4/30/2024	In Progress	\$6,394,694	\$5,902,430	\$7,490,003
5 Closeout	4/30/2024	8/12/2024	Not Started	\$667	\$1,476	\$66,183
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$8,228,972</b>	<b>\$7,737,516</b>	<b>\$9,818,447</b>

Current Substantial Completion 10/10/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/17/2018	5/7/2019	\$413,298
2 Preliminary Design	5/7/2019	3/2/2021	\$841,981
3 Final Design	3/2/2021	5/3/2022	\$704,153
4 Implementation	5/3/2022	1/4/2023	\$1,881,232
5 Closeout	1/4/2023	6/14/2023	\$149
6 Acquisition			\$0
		Total	\$3,840,813

Baseline Substantial Completion 10/19/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134063 WPTP Power Monitoring Upgrades STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Power Monitoring Upgrades - On August 31, 2021 the definition/delivery board approved re-baselining of the project and transfer switchgear scope to Power Quality (1141030) project, see approved revised Scope: The project will create a centralized power monitoring network and tie all the large load power monitoring equipment together into a single, stable system. Which will result in Installation of a comprehensive power monitoring system. The project will upgrade the preexisting power meters with newer, more advanced, and easier to integrate to the power metering system power meters.

#### Baseline Scope

The project will create a centralized power monitoring network and tie all the large load power monitoring equipment together into a single, stable system. Which will result in Installation of a comprehensive power monitoring system. The project will upgrade the preexisting power meters with newer, more advanced, and easier to integrate to the power metering system power meters.

Schedule  Red

### Schedule Variance Comment

Project received Project Change Request (PCR) approval from Definition and Delivery Board on 03/28/2023, Substantial completion achieved on 10/10/2023 ahead of project schedule by approx. one week or 6 days. The project is awaiting for solving the Emerson Ovation programming scope completion and final acceptance 04/30/2023.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/17/2018	5/7/2019	202	10/17/2018	5/7/2019	202	Completed
2 Preliminary Design	5/7/2019	3/2/2021	665	5/7/2019	3/30/2021	693	Completed
3 Final Design	3/2/2021	5/3/2022	427	3/30/2021	6/21/2022	448	Completed
4 Implementation	5/3/2022	1/4/2023	246	6/21/2022	4/30/2024	679	In Progress
5 Closeout	1/4/2023	6/14/2023	161	4/30/2024	8/12/2024	104	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/19/2022			10/10/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/2/2021	10/19/2022	596	328	55.00%
Current Schedule	3/30/2021	10/10/2023	924		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134063 WPTP Power Monitoring Upgrades STANDALONE

Cost  Red

### Cost Variance Comment

Transfer cost of switchgear scope addition to the Power Monitoring Project (1134063): On May 25, 2022 the Definition Board approved the scope transfer of the acquisition and installation of new medium voltage switchgear from the Power Monitoring project to the WPPQIP. This effort increased the cost of the WPPQIP by \$3.97M. Management has requested this expense now be transferred back to the Power Monitoring Project. The Power quality project with \$8.1M appropriation. The WPPQIP will charge WP Power Monitoring project 1134063 \$3.97M. The total budget of \$3.969M allocated to PQIP project was not spent in 2022 or Q1-Q3 2023 impacting the project accomplishment rate.


### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$413,298	\$416,603	\$416,603	\$3,305	1.00%
2 Preliminary Design	\$841,981	\$990,746	\$990,746	\$148,765	18.00%
3 Final Design	\$704,153	\$426,263	\$426,263	(\$277,890)	-39.00%
4 Implementation	\$1,881,232	\$5,902,430	\$6,394,694	\$4,513,462	240.00%
5 Closeout	\$149	\$1,476	\$667	\$518	347.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$3,840,813</b>	<b>\$7,737,516</b>	<b>\$8,228,972</b>	<b>\$4,388,158</b>	<b>114.25%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134064 WPTP Admin/Ops Center Seismic Upgrades STANDALONE

Target Baseline Date	07/05/2022	
Actual Baseline Date	07/05/2022	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Resiliency	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/20/2019	10/1/2019	Completed	\$189,365	\$189,365	\$189,364
2 Preliminary Design	10/1/2019	7/5/2022	Completed	\$1,241,307	\$1,241,307	\$1,505,724
3 Final Design	7/5/2022	5/24/2024	In Progress	\$2,769,926	\$1,310,645	\$2,206,963
4 Implementation	5/24/2024	3/26/2026	Not Started	\$12,962,915	\$892	\$13,056,252
5 Closeout	3/26/2026	1/26/2027	Not Started	\$90,315	\$0	\$295,528
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$17,253,827	\$2,742,209	\$17,253,831

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/15/2019	10/1/2019	\$189,365
2 Preliminary Design	10/2/2019	7/5/2022	\$840,328
3 Final Design	7/5/2022	4/29/2024	\$2,368,980
4 Implementation	4/29/2024	9/16/2025	\$13,559,630
5 Closeout	9/16/2025	5/29/2026	\$295,529
6 Acquisition			\$0
Total			\$17,253,831

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134064 WPTP Admin/Ops Center Seismic Upgrades STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Admin/Ops Center Seismic Upgrades - Structural deficiencies at the West Point Treatment Plant (WPTP) Administration Building/Operations Center (Admin Bldg/Ops Center) include an inadequate number of braced frame bays, the need for cover and stiffener plates welded to columns and braces, replacement of and modifications to control and server room floors and ceiling supports, additional anchorage of equipment, utilities, piping, furnishings and ductwork, and laboratory storage improvements. This project will design and implement seismic retrofits (both structural and nonstructural) in accordance with ASCE 41-17 needed for the Admin Bldg/Ops Center to allow immediate occupancy and continued operations after a seismic event.

#### Baseline Scope

WPTP Admin/Ops Center Seismic Upgrades - Structural deficiencies at the West Point Treatment Plant (WPTP) Administration Building/Operations Center (Admin Bldg/Ops Center) include an inadequate number of braced frame bays, the need for cover and stiffener plates welded to columns and braces, replacement of and modifications to control and server room floors and ceiling supports, additional anchorage of equipment, utilities, piping, furnishings and ductwork, and laboratory storage improvements. This project will design and implement seismic retrofits (both structural and nonstructural) in accordance with ASCE 41-17 needed for the Admin Bldg/Ops Center to allow immediate occupancy and continued operations after a seismic event.

Schedule  Red

### Schedule Variance Comment

Due to the number of upcoming projects going into construction within the plant around the same time, the team needed time to evaluate the possibility of our construction schedule being delayed, which would impact the overall design of the project. This project has been selected as a likely candidate to be delayed construction to allow more urgent projects at the plant to be implemented. The project team has made the decision to carry the project forward until 60% design under the current design contract. After meeting with the GC/CM OA, the team has decided to complete the design efforts on this project and will re-evaluate the construction schedule once design is complete.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/15/2019	10/1/2019	78	8/20/2019	10/1/2019	42	Completed
2 Preliminary Design	10/2/2019	7/5/2022	1007	10/1/2019	7/5/2022	1008	Completed
3 Final Design	7/5/2022	4/29/2024	664	7/5/2022	5/24/2024	689	In Progress
4 Implementation	4/29/2024	9/16/2025	505	5/24/2024	3/26/2026	671	Not Started
5 Closeout	9/16/2025	5/29/2026	255	3/26/2026	1/26/2027	306	Not Started
6 Acquisition							N/A
Substantial Completion Date	4/1/2025			9/26/2025			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134064 WPTP Admin/Ops Center Seismic Upgrades STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/5/2022	4/1/2025	1001	178	17.00%
Current Schedule	7/5/2022	9/26/2025	1179		

Cost  Green

### Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$189,365	\$189,365	\$189,365	\$0	0.00%
2 Preliminary Design	\$840,328	\$1,241,307	\$1,241,307	\$400,979	48.00%
3 Final Design	\$2,368,980	\$1,310,645	\$2,769,926	\$400,946	17.00%
4 Implementation	\$13,559,630	\$892	\$12,962,915	(\$596,715)	-4.00%
5 Closeout	\$295,529	\$0	\$90,315	(\$205,214)	-69.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$17,253,831</b>	<b>\$2,742,209</b>	<b>\$17,253,827</b>	<b>(\$4)</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134065 SPTP Influent Pump Station Seismic Upgrades STANDALONE

Target Baseline Date	05/16/2023
Actual Baseline Date	05/16/2023
Council District(s)	3, 5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	Resiliency
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/18/2019	11/5/2019	Completed	\$205,785	\$205,785	\$188,820
2 Preliminary Design	11/5/2019	5/16/2023	Completed	\$2,325,385	\$2,347,586	\$1,967,992
3 Final Design	5/16/2023	8/4/2025	In Progress	\$4,243,915	\$1,152,289	\$3,536,045
4 Implementation	8/4/2025	9/20/2027	Not Started	\$24,176,672	\$95,933	\$19,626,247
5 Closeout	9/20/2027	7/5/2028	Not Started	\$172,911	\$0	\$408,358
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$31,124,667	\$3,801,593	\$25,727,462

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/18/2019	11/5/2019	\$199,850
2 Preliminary Design	11/5/2019	5/16/2023	\$1,534,275
3 Final Design	5/16/2023	8/4/2025	\$5,001,201
4 Implementation	8/4/2025	9/20/2027	\$24,416,454
5 Closeout	9/20/2027	7/5/2028	\$212,320
6 Acquisition			\$0
Total			\$31,364,101

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134065 SPTP Influent Pump Station Seismic Upgrades STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

SPTP Influent Pump Station Seismic Upgrades - The project will conduct a seismic analysis and identify, design, and implement improvements to improve seismic resiliency of the South Treatment Plant Influent Pump Station (or Pump Building) in Renton.

#### Baseline Scope

SPTP Influent Pump Station Seismic Upgrades - The project will conduct a seismic analysis and identify, design, and implement improvements to improve seismic resiliency of the South Treatment Plant Influent Pump Station (or Pump Building) in Renton.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/18/2019	11/5/2019	110	7/18/2019	11/5/2019	110	Completed
2 Preliminary Design	11/5/2019	5/16/2023	1288	11/5/2019	5/16/2023	1288	Completed
3 Final Design	5/16/2023	8/4/2025	811	5/16/2023	8/4/2025	811	In Progress
4 Implementation	8/4/2025	9/20/2027	777	8/4/2025	9/20/2027	777	Not Started
5 Closeout	9/20/2027	7/5/2028	289	9/20/2027	7/5/2028	289	Not Started
6 Acquisition							N/A
Substantial Completion Date	2/12/2027			2/12/2027			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/16/2023	2/12/2027	1368	0	0.00%
Current Schedule	5/16/2023	2/12/2027	1368		

**Cost**  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134065 SPTP Influent Pump Station Seismic Upgrades STANDALONE

### Cost Variance Comment


### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$199,850	\$205,785	\$205,785	\$5,934	3.00%
2 Preliminary Design	\$1,534,275	\$2,347,586	\$2,325,385	\$791,109	52.00%
3 Final Design	\$5,001,201	\$1,152,289	\$4,243,915	(\$757,287)	-15.00%
4 Implementation	\$24,416,454	\$95,933	\$24,176,672	(\$239,782)	-1.00%
5 Closeout	\$212,320	\$0	\$172,911	(\$39,409)	-19.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$31,364,101	\$3,801,593	\$31,124,667	(\$239,434)	-0.76%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134068 Alki Permanent Standby Generator STANDALONE

Target Baseline Date	06/16/2020	
Actual Baseline Date	06/16/2020	
Council District(s)	8	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Operational Enhancements	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/15/2018	2/11/2019	Completed	\$87,960	\$87,960	\$6,788
2 Preliminary Design	2/12/2019	6/16/2020	Completed	\$1,345,435	\$1,345,435	\$174,259
3 Final Design	6/16/2020	5/30/2024	In Progress	\$3,360,157	\$2,591,412	\$1,917,203
4 Implementation	5/30/2024	2/25/2027	Not Started	\$10,225,964	\$10,156	\$12,684,676
5 Closeout	2/25/2027	2/23/2028	Not Started	\$113,978	\$0	\$3,616
6 Acquisition			N/A	\$0	\$0	\$26,142
			<b>Total</b>	<b>\$15,133,494</b>	<b>\$4,034,963</b>	<b>\$14,812,684</b>

Current Substantial Completion


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	5/15/2018	2/11/2019	\$475,489
2 Preliminary Design	2/12/2019	6/16/2020	\$85,721
3 Final Design	6/16/2020	2/23/2022	\$1,774,979
4 Implementation	2/23/2022	6/23/2023	\$12,176,407
5 Closeout	6/23/2023	5/30/2024	\$249,325
6 Acquisition			\$50,761
		Total	\$14,812,683

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134068 Alki Permanent Standby Generator STANDALONE

Scope  Yellow

### Scope Variance Comment

Scope add includes updating the building permit and potential coordination with City of Seattle on an adjacent project that is highly visible.

### Current Scope

Alki Permanent Standby Generator - This project will replace existing portable low capacity generator set with a higher capacity generator at the Alki Wet Weather Treatment Plant in order to provide the standby power at the Alki Wet Weather Treatment Facility and 63rd Ave pump station.

### Baseline Scope

Alki Permanent Standby Generator - This project will replace existing portable low capacity generator set with a higher capacity generator at the Alki Wet Weather Treatment Plant in order to provide the standby power at the Alki Wet Weather Treatment Facility and 63rd Ave pump station.

Schedule  Red

### Schedule Variance Comment

Recent bid openings showed the lowest bidder to be 50% higher than the engineers estimate. This will require WTD governance approval for the increased construction and project cost. This will result in a delay with an anticipated notice to proceed to late summer or autumn 2024 which may lose a construction summer that might potentially need to be made up in summer of 2026. Multiple rounds of review by procurement have delayed the schedule. After ceasing partnership with the City of Seattle Healthy Streets, that project (now independent) has returned and will require additional coordination in a highly visible and engaged community. The SDCI building permit will be renewed to meet the current building code since the contractor will not be able to show sufficient progress to justify a permit extension. \*\*\* A significant project schedule extensions occurred between Gate - 3 baseline on June 16, 2020, and Project Change Request Form on May 30, 2023. During the detailed design of the project, the City of Seattle (SPU, SCL, SDOT, and Parks Dept.) required more stringent permit approval requirements than originally anticipated. Consequently, numerous routings of the project electrical conduits between the 63rd Pump Station and the WWTS were redesigned. SPU also effectively delayed the schedule as additional design was required to reroute a PSE gas line. Schedule variances also resulted from several rounds of SDOT Street Improvement Permit processes and a Term Permit that required extensive activities involving legislative action. The project is actively pursuing an untested Memorandum of Understanding process with SPU, to have them remove a water line. Development of the MOA may adversely affect the schedule.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	5/15/2018	2/11/2019	272	5/15/2018	2/11/2019	272	Completed
2 Preliminary Design	2/12/2019	6/16/2020	490	2/12/2019	6/16/2020	490	Completed
3 Final Design	6/16/2020	2/23/2022	617	6/16/2020	5/30/2024	1444	In Progress
4 Implementation	2/23/2022	6/23/2023	485	5/30/2024	2/25/2027	1001	Not Started
5 Closeout	6/23/2023	5/30/2024	342	2/25/2027	2/23/2028	363	Not Started
6 Acquisition							N/A
Substantial Completion Date	1/3/2023			9/1/2026			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134068 Alki Permanent Standby Generator STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/16/2020	1/3/2023	931	1337	143.00%
Current Schedule	6/16/2020	9/1/2026	2268		

Cost  Yellow

### Cost Variance Comment

Recent bid opening was 50% higher than the engineers estimate. The project team will be reviewing the bid estimate to see if scope can be clarified/reduced. A request for increase budget from governance board is anticipated.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$475,489	\$87,960	\$87,960	(\$387,530)	-82.00%
2 Preliminary Design	\$85,721	\$1,345,435	\$1,345,435	\$1,259,714	1,470.00%
3 Final Design	\$1,774,979	\$2,591,412	\$3,360,157	\$1,585,178	89.00%
4 Implementation	\$12,176,407	\$10,156	\$10,225,964	(\$1,950,443)	-16.00%
5 Closeout	\$249,325	\$0	\$113,978	(\$135,348)	-54.00%
6 Acquisition	\$50,761	\$0	\$0	(\$50,761)	-100.00%
Total	\$14,812,683	\$4,034,963	\$15,133,494	\$320,810	2.17%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134069 WPTP Raw Sewage Pump Replacement STANDALONE

Target Baseline Date	06/28/2022
Actual Baseline Date	06/28/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Resiliency
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/11/2018	3/12/2019	Completed	\$285,267	\$285,267	\$285,267
2 Preliminary Design	3/13/2019	6/28/2022	Completed	\$11,265,910	\$11,323,298	\$10,811,675
3 Final Design	6/28/2022	6/28/2024	In Progress	\$11,613,477	\$7,110,669	\$17,329,843
4 Implementation	6/28/2024	8/12/2030	Not Started	\$226,258,996	\$408,547	\$186,951,910
5 Closeout	8/12/2030	12/31/2030	Not Started	\$805,451	\$0	\$926,832
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$250,229,102	\$19,127,782	\$216,305,527

Current Substantial Completion 9/30/2029


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/11/2018	3/12/2019	\$285,267
2 Preliminary Design	3/13/2019	6/28/2022	\$8,029,482
3 Final Design	6/28/2022	7/24/2024	\$17,190,160
4 Implementation	7/24/2024	3/6/2030	\$189,873,787
5 Closeout	3/27/2026	12/31/2030	\$926,832
6 Acquisition			\$0
Total			\$216,305,529

Baseline Substantial Completion 9/18/2029

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134069 WPTP Raw Sewage Pump Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Raw Sewage Pump Replacement - The objective of this project is to increase the firm capacity of the raw sewage pump (RSP) station from 330 million gallons per day (MGD) to 440 MGD at West Point Treatment Plant in Seattle by replacing the existing biogas driven engine pumps with higher capacity electric motor driven pumps. The project will also make seismic upgrades to the pump station and make improvements to meet National Fire Protection Association (NFPA 820) standards. In addition, the project will also replace the existing boiler system prior to completion of the RSP replacement to provide heat necessary to maintain a stable treatment process.

#### Baseline Scope

WPTP Raw Sewage Pump Replacement - The objective of this project is to increase the firm capacity of the raw sewage pump (RSP) station from 330 million gallons per day (MGD) to 440 MGD at West Point Treatment Plant in Seattle by replacing the existing biogas driven engine pumps with higher capacity electric motor driven pumps. The project will also make seismic upgrades to the pump station and make improvements to meet National Fire Protection Association (NFPA 820) standards. In addition, the project will also replace the existing boiler system prior to completion of the RSP replacement to provide heat necessary to maintain a stable treatment process.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/11/2018	3/12/2019	91	12/11/2018	3/12/2019	91	Completed
2 Preliminary Design	3/13/2019	6/28/2022	1203	3/13/2019	6/28/2022	1203	Completed
3 Final Design	6/28/2022	7/24/2024	757	6/28/2022	6/28/2024	731	In Progress
4 Implementation	7/24/2024	3/6/2030	2051	6/28/2024	8/12/2030	2236	Not Started
5 Closeout	3/27/2026	12/31/2030	1740	8/12/2030	12/31/2030	141	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/18/2029			9/30/2029			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/28/2022	9/18/2029	2639	12	0.00%
Current Schedule	6/28/2022	9/30/2029	2651		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134069 WPTP Raw Sewage Pump Replacement STANDALONE

Cost  Red

### Cost Variance Comment

This budget variance is due to additional budget placeholder to accommodate the price uncertainties on materials supply, labor market, and risk contingencies related to Hazmat abatement during the construction. This budget variance would either go away or to be reduced substantially once we complete the cost estimate at 100% design level and a safe work plan is developed for HazMat abatement.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$285,267	\$285,267	\$285,267	\$0	0.00%
2 Preliminary Design	\$8,029,482	\$11,323,298	\$11,265,910	\$3,236,429	40.00%
3 Final Design	\$17,190,160	\$7,110,669	\$11,613,477	(\$5,576,683)	-32.00%
4 Implementation	\$189,873,787	\$408,547	\$226,258,996	\$36,385,209	19.00%
5 Closeout	\$926,832	\$0	\$805,451	(\$121,381)	-13.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$216,305,529	\$19,127,782	\$250,229,102	\$33,923,573	15.68%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Jacobs Engineering Group, Inc.	Design/Engineering	\$16,504,669	08/22/2019	08/31/2024	6	\$1,035,468
	Total	\$16,504,669			6	\$1,035,468

### RMP-2. Contract Change Explanation

Issued NTP for Jacobs contract to provide remaining final design services. Contract amendment is in progress for SDI services. Contract amendment for Kennedy Jenks.

### RMP-3. Current Quarter's Key Activities

Procurement of contractor through ITB

### RMP-4. Next Quarter's Key Activities

### RMP-5. Closely Monitored Issues & Risk Summary

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

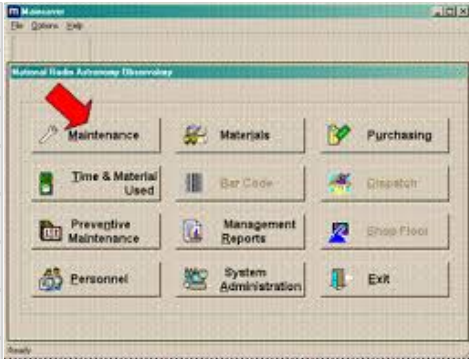
## 1134069 WPTP Raw Sewage Pump Replacement STANDALONE

Competitiveness among the pump suppliers Mitigation plan for the HazMat materials collection and disposal and negotiating with EPA Region 10 on HazMat abatement method application. Submittals for the SRF and WIFIA loan applications and loan agreements. Approval from Ecology of the plans, specs, and Division 0 form as required by the WIFIA & SRF funding. Anticipated low bid turn out for this bidding

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134070 WTD CMMS Upgrade STANDALONE

Target Baseline Date	12/07/2021	
Actual Baseline Date	12/07/2021	
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Program/Planning/Other	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/8/2019	5/7/2019	Completed	\$220,453	\$220,453	\$22,274
2 Preliminary Design	5/7/2019	12/7/2021	Completed	\$1,084,682	\$1,084,682	\$1,010,449
3 Final Design	12/7/2021	2/23/2023	Completed	\$1,428,880	\$1,569,816	\$5,937,981
4 Implementation	2/23/2023	1/16/2026	In Progress	\$8,887,563	\$2,173,725	\$4,886,891
5 Closeout	1/16/2026	11/13/2026	Not Started	\$243,895	\$0	\$7,877
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$11,865,473	\$5,048,675	\$11,865,472

Current Substantial Completion 2/24/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/8/2019	5/7/2019	\$193,780
2 Preliminary Design	5/7/2019	12/7/2021	\$503,563
3 Final Design	12/7/2021	6/17/2022	\$4,340,189
4 Implementation	6/17/2022	10/13/2023	\$7,242,071
5 Closeout	10/13/2023	6/14/2024	\$184,433
6 Acquisition			\$0
Total			\$12,464,036

Baseline Substantial Completion 2/17/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134070 WTD CMMS Upgrade STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WTD CMMS Upgrade - This project will evaluate software alternatives and implement the replacement of the existing Computer Maintenance Management System (CMMS) software (Mainsaver) with a new software system. This will also include applicable third-party modules to facilitate work scheduling, mobility, and/or Key Performance Index metrics and display. The new software system will include functionality that will enable the Wastewater Treatment Division (WTD) to meet its maintenance management requirements and will successfully integrate with other WTD and King County business software and applications as required.

#### Baseline Scope

WTD CMMS Upgrade - This project will evaluate software alternatives and implement the replacement of the existing Computer Maintenance Management System (CMMS) software (Mainsaver) with a new software system. This will also include applicable third-party modules to facilitate work scheduling, mobility, and/or Key Performance Index metrics and display. The new software system will include functionality that will enable the Wastewater Treatment Division (WTD) to meet its maintenance management requirements and will successfully integrate with other WTD and King County business software and applications as required.

Schedule  Red

### Schedule Variance Comment

The project go-live date has been moved from July 15th 2024 to February 24th 2025. Reasons for the delay are as follows: (1) O&M requested for change in the date since the O&M staff will be busy during dry season with construction activities (2) Data conversion and cleaning of data from Mainsaver is taking longer than expected (3) IBM released a new version of Maximo (Maximo Application Suite). Leadership made a decision to move the new version. The project team had to revisit design and make changes to the design to align to the new version.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/8/2019	5/7/2019	119	1/8/2019	5/7/2019	119	Completed
2 Preliminary Design	5/7/2019	12/7/2021	945	5/7/2019	12/7/2021	945	Completed
3 Final Design	12/7/2021	6/17/2022	192	12/7/2021	2/23/2023	443	Completed
4 Implementation	6/17/2022	10/13/2023	483	2/23/2023	1/16/2026	1058	In Progress
5 Closeout	10/13/2023	6/14/2024	245	1/16/2026	11/13/2026	301	Not Started
6 Acquisition							N/A
Substantial Completion Date	2/17/2023			2/24/2025			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134070 WTD CMMS Upgrade STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/7/2021	2/17/2023	437	738	168.00%
Current Schedule	12/7/2021	2/24/2025	1175		

Cost  Green

### Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$193,780	\$220,453	\$220,453	\$26,673	14.00%
2 Preliminary Design	\$503,563	\$1,084,682	\$1,084,682	\$581,119	115.00%
3 Final Design	\$4,340,189	\$1,569,816	\$1,428,880	(\$2,911,309)	-67.00%
4 Implementation	\$7,242,071	\$2,173,725	\$8,887,563	\$1,645,493	23.00%
5 Closeout	\$184,433	\$0	\$243,895	\$59,461	32.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$12,464,036	\$5,048,675	\$11,865,473	(\$598,563)	-4.80%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134071 WTD Ovation Control Systems Upgrades STANDALONE

Target Baseline Date	05/01/2019
Actual Baseline Date	05/01/2019
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/11/2018	2/20/2019	Completed	\$93,204	\$93,204	\$57,650
2 Preliminary Design			N/A	\$509	\$509	\$632,899
3 Final Design	5/1/2019	10/2/2024	In Progress	\$581	\$581	\$2,271,750
4 Implementation	1/25/2019	2/10/2025	In Progress	\$18,564,680	\$15,982,925	\$15,868,393
5 Closeout	7/12/2019	9/22/2025	In Progress	\$199,466	\$181,393	\$78,827
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$18,858,440	\$16,258,612	\$18,909,519

Current Substantial Completion 2/7/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2019	2/20/2019	\$0
2 Preliminary Design	2/20/2019	5/1/2019	\$0
3 Final Design	5/1/2019	1/1/2021	\$779,550
4 Implementation	2/13/2019	5/31/2022	\$14,631,535
5 Closeout	5/31/2022	7/29/2022	\$136,883
6 Acquisition			\$0
Total			\$15,547,968

Baseline Substantial Completion 12/31/2021



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134071 WTD Ovation Control Systems Upgrades STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WTD Ovation Control Systems Upgrades - This project will replace aging hardware components and obsolete software in the Ovation control systems at South, Brightwater and West Point Treatment Plants with current Ovation technology. This project will also install new software and hardware to increase the control systems' features and functionality. The existing control systems at South, Brightwater, and West Point Treatment Plants are built on proprietary software and hardware developed by Emerson Process Management Power and Water Solutions, Inc. (Emerson). A sole source waiver has been approved for the Ovation Evergreen Upgrade and enhancements.

#### Baseline Scope

WTD Ovation Control Systems Upgrades - This project will replace aging hardware components and obsolete software in the Ovation control systems at South, Brightwater and West Point Treatment Plants with current Ovation technology. This project will also install new software and hardware to increase the control systems' features and functionality. The existing control systems at South, Brightwater, and West Point Treatment Plants are built on proprietary software and hardware developed by Emerson Process Management Power and Water Solutions, Inc. (Emerson). A sole source waiver has been approved for the Ovation Evergreen Upgrade and enhancements.

Schedule  Red

### Schedule Variance Comment

Our schedule variance is going to continue to show red and it is mostly explained by the WP OMHM effort being pushed from 2021 to 2022/2023 compared to our baseline schedule. The WP work is being pushed to 2024 to allow plant staff to focus on the completion of the Ovation Control systems Upgrade effort and other higher-priority efforts at the plant. In addition, Brightwater leadership has requested to move the programming work to next year due to competing priorities.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2019	2/20/2019	50	12/11/2018	2/20/2019	71	Completed
2 Preliminary Design	2/20/2019	5/1/2019	70				N/A
3 Final Design	5/1/2019	1/1/2021	611	5/1/2019	10/2/2024	1981	In Progress
4 Implementation	2/13/2019	5/31/2022	1203	1/25/2019	2/10/2025	2208	In Progress
5 Closeout	5/31/2022	7/29/2022	59	7/12/2019	9/22/2025	2264	In Progress
6 Acquisition							N/A
Substantial Completion Date	12/31/2021			2/7/2025			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134071 WTD Ovation Control Systems Upgrades STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/1/2019	12/31/2021	975	1134	116.00%
Current Schedule	5/1/2019	2/7/2025	2109		

Cost  Red

### Cost Variance Comment

The High-Performance Graphics and Alarm package was approved by the definition board to be included in the scope for this project and the variance reflects the cost associated with the package. The graphics work has now been on Hold and removed from project scope as per O&M and project sponsor request. The KC leadership and WTD management have requested to include additional scope OVATION™ ENTERPRISE DATA SOLUTIONS (EDS) for 3 plants BW, WPTP, and STP estimated at \$1,107,119 management email approval on this scope increase. The Project oversight approved the additional budget \$1,107,119 this work will be executed in 2022 completed in early 2023, Kick off July 27, 2022

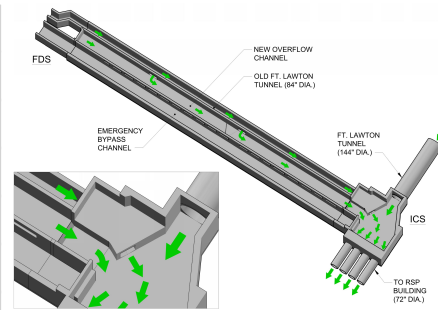
Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$93,204	\$93,204	\$93,204	0.00%
2 Preliminary Design	\$0	\$509	\$509	\$509	0.00%
3 Final Design	\$779,550	\$581	\$581	(\$778,969)	-100.00%
4 Implementation	\$14,631,535	\$15,982,925	\$18,564,680	\$3,933,145	27.00%
5 Closeout	\$136,883	\$181,393	\$199,466	\$62,583	46.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$15,547,968</b>	<b>\$16,258,612</b>	<b>\$18,858,440</b>	<b>\$3,310,472</b>	<b>21.29%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134072 WPTP Passive Weir for Emergency Bypass STANDALONE

Target Baseline Date	12/07/2021
Actual Baseline Date	12/07/2021
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Resiliency
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/21/2019	5/19/2020	Completed	\$138,824	\$138,824	\$138,823
2 Preliminary Design	5/19/2020	12/7/2021	Completed	\$924,972	\$924,972	\$1,146,011
3 Final Design	12/7/2021	12/16/2024	In Progress	\$2,130,495	\$1,529,362	\$4,126,036
4 Implementation	4/25/2024	12/23/2025	Not Started	\$19,998,774	\$0	\$8,162,132
5 Closeout	12/23/2025	6/12/2026	Not Started	\$62,176	\$0	\$174,592
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$23,255,241	\$2,593,157	\$13,747,594

Current Substantial Completion 10/31/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	5/21/2019	5/19/2020	\$138,327
2 Preliminary Design	5/19/2020	12/7/2021	\$564,676
3 Final Design	12/7/2021	3/1/2024	\$1,154,842
4 Implementation	3/1/2024	1/9/2026	\$8,780,081
5 Closeout	1/9/2026	6/22/2026	\$109,667
6 Acquisition			\$0
Total			\$10,747,594

Baseline Substantial Completion 10/15/2025

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134072 WPTP Passive Weir for Emergency Bypass STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Passive Weir for Emergency Bypass - This project will plan, design, and construct a passive bypass weir on the Emergency Bypass Channel to protect the West Point Treatment Plant (WPTP) from flooding in the event of a failure of the Emergency Bypass gate (EB) and all other gates in the Influent Control Structure (ICS). The project will also route the drainage pipeline of the Multi-Use Facility area into the Influent Control Structure for treatment. As part of its independent review of the 2017 West Point flooding event, AECOM recommended construction of a passive weir.

#### Baseline Scope

WPTP Passive Weir for Emergency Bypass - This project will plan, design, and construct a passive bypass weir on the Emergency Bypass Channel to protect the West Point Treatment Plant (WPTP) from flooding in the event of a failure of the Emergency Bypass gate (EB) and all other gates in the Influent Control Structure (ICS). The project will also route the drainage pipeline of the Multi-Use Facility area into the Influent Control Structure for treatment. As part of its independent review of the 2017 West Point event, AECOM recommended construction of a passive weir.

Schedule  Yellow

### Schedule Variance Comment

Construction work is planned for 2024 and 2025 as planned utilizing a GC/CM contract in comparison to the original Design Bid Build/Public Works Bid assumption. Advertised and NTP dates have been modified. Substantial completion dates remain unchanged.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	5/21/2019	5/19/2020	364	5/21/2019	5/19/2020	364	Completed
2 Preliminary Design	5/19/2020	12/7/2021	567	5/19/2020	12/7/2021	567	Completed
3 Final Design	12/7/2021	3/1/2024	815	12/7/2021	12/16/2024	1105	In Progress
4 Implementation	3/1/2024	1/9/2026	679	4/25/2024	12/23/2025	607	Not Started
5 Closeout	1/9/2026	6/22/2026	164	12/23/2025	6/12/2026	171	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/15/2025			10/31/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/7/2021	10/15/2025	1408	16	1.00%
Current Schedule	12/7/2021	10/31/2025	1424		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134072 WPTP Passive Weir for Emergency Bypass STANDALONE

Cost  Red

### Cost Variance Comment

Estimate Reconciliation completed. Project has accepted the revised independent estimate. 100% drawings and specifications published. Contract execution for Work Package 04 in progress. Anticipate NTP April 25th 2024. Definition Board approved revised project cost.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$138,327	\$138,824	\$138,824	\$497	0.00%
2 Preliminary Design	\$564,676	\$924,972	\$924,972	\$360,296	64.00%
3 Final Design	\$1,154,842	\$1,529,362	\$2,130,495	\$975,652	84.00%
4 Implementation	\$8,780,081	\$0	\$19,998,774	\$11,218,693	128.00%
5 Closeout	\$109,667	\$0	\$62,176	(\$47,491)	-43.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$10,747,594	\$2,593,157	\$23,255,241	\$12,507,647	116.38%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134075 Lake Hills Interceptor Rehabilitation Phase II STANDALONE

Target Baseline Date	02/01/2022	
Actual Baseline Date	02/01/2022	
Council District(s)	6	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Conveyance)	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/17/2018	11/13/2018	Completed	\$383,986	\$383,986	\$53,598
2 Preliminary Design	11/13/2018	2/1/2022	Completed	\$1,398,944	\$1,398,944	\$854,899
3 Final Design	2/1/2022	3/28/2023	Completed	\$2,700,992	\$2,732,256	\$3,831,963
4 Implementation	3/28/2023	6/30/2024	In Progress	\$15,956,088	\$15,058,223	\$27,668,466
5 Closeout	6/30/2024	12/31/2024	Not Started	\$80,003	\$2,864	\$525
6 Acquisition			N/A	\$503,711	\$508,608	\$7,371
Total				\$21,023,723	\$20,084,880	\$32,416,822

Current Substantial Completion 12/6/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/17/2018	4/1/2019	\$380,389
2 Preliminary Design	4/1/2019	2/1/2022	\$1,292,908
3 Final Design	2/1/2022	4/1/2023	\$2,994,029
4 Implementation	4/1/2023	2/14/2024	\$23,428,822
5 Closeout	2/14/2024	10/24/2024	\$324,308
6 Acquisition			\$1,181,078
Total			\$29,601,534

Baseline Substantial Completion 12/15/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134075 Lake Hills Interceptor Rehabilitation Phase II STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Lake Hills Interceptor Rehabilitation Phase II - Rehabilitate 7,200 linear feet of 48-inch and 54-inch diameter reinforced concrete Lake Hills Interceptor pipe.

#### Baseline Scope

Lake Hills Interceptor Rehabilitation Phase II - Rehabilitate 7,200 linear feet of 48-inch and 54-inch diameter reinforced concrete Lake Hills Interceptor pipe.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/17/2018	4/1/2019	258	7/17/2018	11/13/2018	119	Completed
2 Preliminary Design	4/1/2019	2/1/2022	1037	11/13/2018	2/1/2022	1176	Completed
3 Final Design	2/1/2022	4/1/2023	424	2/1/2022	3/28/2023	420	Completed
4 Implementation	4/1/2023	2/14/2024	319	3/28/2023	6/30/2024	460	In Progress
5 Closeout	2/14/2024	10/24/2024	253	6/30/2024	12/31/2024	184	Not Started
6 Acquisition							N/A
Substantial Completion Date	12/15/2023			12/6/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/1/2022	12/15/2023	682	-9	-1.00%
Current Schedule	2/1/2022	12/6/2023	673		

**Cost**  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134075 Lake Hills Interceptor Rehabilitation Phase II STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$380,389	\$383,986	\$383,986	\$3,596	1.00%
2 Preliminary Design	\$1,292,908	\$1,398,944	\$1,398,944	\$106,036	8.00%
3 Final Design	\$2,994,029	\$2,732,256	\$2,700,992	(\$293,037)	-10.00%
4 Implementation	\$23,428,822	\$15,058,223	\$15,956,088	(\$7,472,734)	-32.00%
5 Closeout	\$324,308	\$2,864	\$80,003	(\$244,305)	-75.00%
6 Acquisition	\$1,181,078	\$508,608	\$503,711	(\$677,367)	-57.00%
Total	\$29,601,534	\$20,084,880	\$21,023,723	(\$8,577,811)	-28.98%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134301 PIMS Replacement STANDALONE

Target Baseline Date	07/02/2019
Actual Baseline Date	07/02/2019
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Program/Planning/Other
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/1/2018	7/16/2018	Completed	\$0	\$70,670	\$66,006
2 Preliminary Design			N/A	\$34,591	\$34,591	\$177,890
3 Final Design	7/2/2019	7/2/2019	Completed	\$712,184	\$455,543	\$373,605
4 Implementation			N/A	\$2,110,907	\$804,814	\$2,289,249
5 Closeout			N/A	\$61,625	\$169	\$33,993
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,919,308	\$1,365,786	\$2,940,743

Current Substantial Completion 9/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/1/2018	7/16/2018	\$0
2 Preliminary Design			\$0
3 Final Design	7/2/2019		\$1,398,107
4 Implementation	7/2/2019	7/2/2020	\$401,126
5 Closeout	7/2/2020	12/30/2020	\$45,659
6 Acquisition			\$0
Total			\$1,844,892

Baseline Substantial Completion 7/7/2020

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134301 PIMS Replacement STANDALONE

**Scope**  Red

### Scope Variance Comment


A new solution was determined and is being implemented.

### Current Scope

PIMS Replacement - This project will develop a new database system with enhanced features to support the day-to-day operations of WTD's Industrial Waste (IW) unit, convert historical data from the legacy system (Pretreatment Information Management System or PIMS) to the new system and retire the legacy system

### Baseline Scope

PIMS Replacement - Develop a new database system which supports the day to day operations of WTD's Industrial Waste (IW) unit, with enhanced features. Extract Transform Load historical data between the legacy IW system (PIMS) and this new system. Retire PIMS.

**Schedule**  Red

### Schedule Variance Comment

The project was placed on-hold while a new solution was determined. Project has re-started in 2023 and planned to be complete by end of 2024.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/1/2018	7/16/2018	45	6/1/2018	7/16/2018	45	Completed
2 Preliminary Design							N/A
3 Final Design	7/2/2019			7/2/2019	7/2/2019	0	Completed
4 Implementation	7/2/2019	7/2/2020	366				N/A
5 Closeout	7/2/2020	12/30/2020	181				N/A
6 Acquisition							N/A
Substantial Completion Date	7/7/2020			9/30/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/2/2019	7/7/2020	371	1546	416.00%
Current Schedule	7/2/2019	9/30/2024	1917		

**Cost**  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134301 PIMS Replacement STANDALONE

### Cost Variance Comment

Costs are different because of new project implementation solution. Additional supplemental budget was allocated to the project to support additional KCIT labor needs and vendor costs.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$70,670	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$34,591	\$34,591	\$34,591	0.00%
3 Final Design	\$1,398,107	\$455,543	\$712,184	(\$685,922)	-49.00%
4 Implementation	\$401,126	\$804,814	\$2,110,907	\$1,709,781	426.00%
5 Closeout	\$45,659	\$169	\$61,625	\$15,966	35.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,844,892	\$1,365,786	\$2,919,308	\$1,074,416	58.24%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134438 SP Division Control Building Fire Protection and Alarm System Upgrades WTC ELECTRICAL I AND C

Target Baseline Date	03/15/2022
Actual Baseline Date	03/15/2022
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/18/2018	6/18/2018	Completed	\$201,585	\$201,585	\$0
2 Preliminary Design	6/18/2018	3/15/2022	Completed	\$1,054,887	\$1,075,996	\$0
3 Final Design	3/15/2022	6/24/2024	In Progress	\$591,197	\$231,248	\$0
4 Implementation	6/24/2024	3/13/2025	Not Started	\$1,361,523	\$12,033	\$0
5 Closeout	3/13/2025	9/24/2025	Not Started	\$16,085	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,225,277	\$1,520,862	\$0

Current Substantial Completion 1/30/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/18/2018	6/18/2018	\$201,585
2 Preliminary Design	6/19/2018	3/15/2022	\$719,764
3 Final Design	3/15/2022	1/10/2024	\$602,994
4 Implementation	1/10/2024	4/17/2025	\$1,670,122
5 Closeout	4/17/2025	10/30/2025	\$30,812
6 Acquisition			\$0
Total			\$3,225,278

Baseline Substantial Completion 10/9/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134438 SP Division Control Building Fire Protection and Alarm System Upgrades WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

SP Division Control Building Fire Protection and Alarm System Upgrades - The scope of this project is to design and implement improvements to the South Plant Division Control Building (DCB) Fire Protection System and Alarm System. The Scope of Work is based on the recommendations from a January 2016 Technical Memo by Parametrix titled "King County South Treatment Plant Division Control Building Computer and Control Rooms Fire Protection System Assessment Project 1124751" (Tech Memo). The Tech Memo contains detailed recommendations for improving the systems, the following is a summary recommended revisions to the Fire Protection and Alarm Systems: 1. Modify the HVAC system in the Computer and Control rooms. 2. Replace the existing active Halon fire suppression systems with a halocarbon gas (total flooding" system. 3. Add new smoke detectors including Very Early Warning Smoke Detection Alarms (VESDA). 4. Modify the Computer Rooms to maintain the necessary one hour fire rate. The room requires several physical modifications to room components such as the doors, windows, plenums, fire stops and verifying suitability of drywall so that the required one hour fire rating is met. New scope has been added to this project to conduct non-structural seismic upgrade. In the September 2017, Recommendations to Enhance the Resiliency and Recovery of King County's Regional Wastewater Treatment Facilities summary documented seismic deficiencies: \* Penthouse lateral loads may lack sufficient strength in an event of an earthquake. \* Computer room and control room floor plenums lack bracing. \* Servers and equipment in the computer room and control room lack proper anchorage. \* Partition walls lack lateral support The project will address these deficiencies, and ensure coordination with the fire protection project. Project Driver Safety

#### Baseline Scope

SP Division Control Building Fire Protection and Alarm System Upgrades - The scope of this project is to design and implement improvements to the South Plant Division Control Building (DCB) Fire Protection System and Alarm System. The Scope of Work is based on the recommendations from a January 2016 Technical Memo by Parametrix titled "King County South Treatment Plant Division Control Building Computer and Control Rooms Fire Protection System Assessment Project 1124751" (Tech Memo). The Tech Memo contains detailed recommendations for improving the systems, the following is a summary recommended revisions to the Fire Protection and Alarm Systems: 1. Modify the HVAC system in the Computer and Control rooms. 2. Replace the existing active Halon fire suppression systems with a halocarbon gas (total flooding" system. 3. Add new smoke detectors including Very Early Warning Smoke Detection Alarms (VESDA). 4. Modify the Computer Rooms to maintain the necessary one hour fire rate. The room requires several physical modifications to room components such as the doors, windows, plenums, fire stops and verifying suitability of drywall so that the required one hour fire rating is met. New scope has been added to this project to conduct non-structural seismic upgrade. In the September 2017, Recommendations to Enhance the Resiliency and Recovery of King County's Regional Wastewater Treatment Facilities summary documented seismic deficiencies: \* Penthouse lateral loads may lack sufficient strength in an event of an earthquake. \* Computer room and control room floor plenums lack bracing. \* Servers and equipment in the computer room and control room lack proper anchorage. \* Partition walls lack lateral support The project will address these deficiencies, and ensure coordination with the fire protection project. Project Driver Safety

Schedule  Yellow

### Schedule Variance Comment

The variance is due to the procurement delays, we have experienced prolonged processing times for several rounds of comments and feedback. Moreover, recent staff changes have impacted the collaboration and slowed down the project's momentum. In addition, we faced challenges with the expiration of the design consultant contract, which required going through a governance approval, causing further delays.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134438 SP Division Control Building Fire Protection and Alarm System Upgrades WTC ELECTRICAL I AND C

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/18/2018	6/18/2018	0	6/18/2018	6/18/2018	0	Completed
2 Preliminary Design	6/19/2018	3/15/2022	1365	6/18/2018	3/15/2022	1366	Completed
3 Final Design	3/15/2022	1/10/2024	666	3/15/2022	6/24/2024	832	In Progress
4 Implementation	1/10/2024	4/17/2025	463	6/24/2024	3/13/2025	262	Not Started
5 Closeout	4/17/2025	10/30/2025	196	3/13/2025	9/24/2025	195	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/9/2024			1/30/2025			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/15/2022	10/9/2024	939	113	12.00%
Current Schedule	3/15/2022	1/30/2025	1052		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$201,585	\$201,585	\$201,585	\$0	0.00%
2 Preliminary Design	\$719,764	\$1,075,996	\$1,054,887	\$335,123	47.00%
3 Final Design	\$602,994	\$231,248	\$591,197	(\$11,798)	-2.00%
4 Implementation	\$1,670,122	\$12,033	\$1,361,523	(\$308,599)	-18.00%
5 Closeout	\$30,812	\$0	\$16,085	(\$14,727)	-48.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$3,225,278</b>	<b>\$1,520,862</b>	<b>\$3,225,277</b>	<b>(\$1)</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137181 Richmond Beach PS MCC and Switchboard Replacement STANDALONE

Target Baseline Date	04/07/2020
Actual Baseline Date	04/07/2020
Council District(s)	1
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/1/2019	4/1/2019	Completed	\$153,038	\$153,038	\$21,297
2 Preliminary Design	4/1/2019	4/7/2020	Completed	\$206,076	\$206,076	\$173,083
3 Final Design	4/7/2020	1/3/2022	Completed	\$684,564	\$684,564	\$467,582
4 Implementation	1/3/2022	7/14/2024	In Progress	\$3,664,797	\$3,287,024	\$5,827,089
5 Closeout	7/14/2024	9/30/2024	Not Started	\$22,795	\$0	\$4,375
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$4,731,270	\$4,330,703	\$6,493,426

Current Substantial Completion 10/18/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/1/2019	4/1/2019	\$147,421
2 Preliminary Design	4/1/2019	4/7/2020	\$0
3 Final Design	4/7/2020	3/17/2021	\$1,017,373
4 Implementation	3/17/2021	8/31/2022	\$5,216,075
5 Closeout	8/31/2022	12/30/2022	\$111,678
6 Acquisition			\$0
Total			\$6,492,547

Baseline Substantial Completion 5/16/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137181 Richmond Beach PS MCC and Switchboard Replacement STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Richmond Beach PS MCC and Switchboard Replacement - Design, engineer, and replace the Richmond Beach Pump Station Motor Control Center (MCC), Service Switchboard and install a Load Bank Connection Receptacle.

#### Baseline Scope

Richmond Beach PS MCC and Switchboard Replacement - Design, engineer, and replace the Richmond Beach Pump Station Motor Control Center (MCC), Service Switchboard and install a Load Bank Connection Receptacle.

**Schedule**  Red

### Schedule Variance Comment

- Delay in issuing Final Acceptance for added review of closeout documentation.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/1/2019	4/1/2019	0	4/1/2019	4/1/2019	0	Completed
2 Preliminary Design	4/1/2019	4/7/2020	372	4/1/2019	4/7/2020	372	Completed
3 Final Design	4/7/2020	3/17/2021	344	4/7/2020	1/3/2022	636	Completed
4 Implementation	3/17/2021	8/31/2022	532	1/3/2022	7/14/2024	923	In Progress
5 Closeout	8/31/2022	12/30/2022	121	7/14/2024	9/30/2024	78	Not Started
6 Acquisition							N/A
Substantial Completion Date	5/16/2022			10/18/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/7/2020	5/16/2022	769	520	67.00%
Current Schedule	4/7/2020	10/18/2023	1289		

**Cost**  Green

### Cost Variance Comment



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137181 Richmond Beach PS MCC and Switchboard Replacement STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$147,421	\$153,038	\$153,038	\$5,617	4.00%
2 Preliminary Design	\$0	\$206,076	\$206,076	\$206,076	0.00%
3 Final Design	\$1,017,373	\$684,564	\$684,564	(\$332,809)	-33.00%
4 Implementation	\$5,216,075	\$3,287,024	\$3,664,797	(\$1,551,278)	-30.00%
5 Closeout	\$111,678	\$0	\$22,795	(\$88,882)	-80.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$6,492,547	\$4,330,703	\$4,731,270	(\$1,761,277)	-27.13%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137640 Small Generators Replacement - Group 1 WTC OFFSITE REPLACE SMALL GENS

Target Baseline Date	09/08/2021
Actual Baseline Date	09/07/2021
Council District(s)	2, 4, 8
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/1/2017	5/6/2020	Completed	\$0	\$0	\$0
2 Preliminary Design	6/1/2020	9/8/2021	Completed	\$734,898	\$738,250	\$1
3 Final Design	9/8/2021	10/1/2024	In Progress	\$1,758,833	\$1,312,132	\$1
4 Implementation	10/1/2024	2/26/2026	Not Started	\$3,141,145	\$26,302	\$1
5 Closeout	2/26/2026	6/30/2026	Not Started	\$53,152	\$0	\$1
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$5,688,028	\$2,076,684	\$4

Current Substantial Completion 12/29/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/14/2017	11/14/2017	\$0
2 Preliminary Design	11/14/2017	9/7/2021	\$479,862
3 Final Design	9/7/2021	4/7/2023	\$1,649,665
4 Implementation	4/7/2023	1/23/2026	\$3,146,917
5 Closeout	1/23/2026	9/4/2026	\$124,675
6 Acquisition			\$0
Total			\$5,401,119

Baseline Substantial Completion 4/4/2025

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137640 Small Generators Replacement - Group 1 WTC OFFSITE REPLACE SMALL GENS

Scope  Green

### Scope Variance Comment

#### Current Scope

Small Generators Replacement - Group 1 - The project will replace small standby generators at various West offsite stations. The project will design and construct replacement generators at the following facilities: 1. Ballard Regulator Station 2. Hanford Street Outfall Station 3. Lake City Tunnel Regulator Station 4. Montlake Boulevard Regulator Station 5. Norfolk Street Regulator Station. Gate 2 for Small Generator Replacement – Group 1 was approved on May 6th, 2020, authorizing moving Hanford Street Outfall Station to PROJECT Small Generator Replacement – Group 2 (1141559).

#### Baseline Scope

Small Generators Replacement - Group 1 - The project will replace small standby generators at various West offsite stations. The project will design and construct replacement generators at the following facilities: Ballard Regulator Station Hanford Street Outfall Station Lake City Tunnel Regulator Station Montlake Boulevard Regulator Station Norfolk Street Regulator Station.

Schedule  Red

### Schedule Variance Comment

Project Construction prepared for REBID. 1 year of added time to evaluate sole bidder's references then discuss his bid. Finally, preparing the new bid set.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/14/2017	11/14/2017	0	12/1/2017	5/6/2020	887	Completed
2 Preliminary Design	11/14/2017	9/7/2021	1393	6/1/2020	9/8/2021	464	Completed
3 Final Design	9/7/2021	4/7/2023	577	9/8/2021	10/1/2024	1119	In Progress
4 Implementation	4/7/2023	1/23/2026	1022	10/1/2024	2/26/2026	513	Not Started
5 Closeout	1/23/2026	9/4/2026	224	2/26/2026	6/30/2026	124	Not Started
6 Acquisition							N/A
Substantial Completion Date	4/4/2025			12/29/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/7/2021	4/4/2025	1305	268	20.00%
Current Schedule	9/8/2021	12/29/2025	1573		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137640 Small Generators Replacement - Group 1 WTC OFFSITE REPLACE SMALL GENS

Cost  Yellow

### Cost Variance Comment

Project Construction prepared for REBID. Added cost for at least the escalation of the added time and the hours to manage the added time.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$479,862	\$738,250	\$734,898	\$255,035	53.00%
3 Final Design	\$1,649,665	\$1,312,132	\$1,758,833	\$109,168	7.00%
4 Implementation	\$3,146,917	\$26,302	\$3,141,145	(\$5,772)	0.00%
5 Closeout	\$124,675	\$0	\$53,152	(\$71,522)	-57.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$5,401,119	\$2,076,684	\$5,688,028	\$286,909	5.31%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137751 SP Essential Services Standby Generator Replacement WTC ELECTRICAL I AND C

Target Baseline Date	09/15/2020
Actual Baseline Date	09/15/2020
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/3/2019	11/19/2019	Completed	(\$1,514)	(\$1,514)	\$0
2 Preliminary Design	11/19/2019	9/15/2020	Completed	\$313,081	\$313,761	\$0
3 Final Design	9/15/2020	10/24/2024	In Progress	\$855,097	\$672,662	\$0
4 Implementation	10/24/2024	8/4/2025	Not Started	\$1,770,252	\$13,978	\$0
5 Closeout	8/4/2025	12/15/2025	Not Started	\$47,429	\$0	\$0
6 Acquisition			N/A	(\$30)	(\$30)	\$0
Total				\$2,984,315	\$998,857	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	9/3/2019	11/19/2019	\$14,782
2 Preliminary Design	11/19/2019	9/15/2020	\$94,476
3 Final Design	9/15/2020	7/16/2021	\$324,486
4 Implementation	7/16/2021	3/28/2022	\$1,764,921
5 Closeout	3/28/2022	3/17/2023	\$12,563
6 Acquisition			\$0
Total			\$2,211,228

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137751 SP Essential Services Standby Generator Replacement WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

SP Essential Services Standby Generator Replacement - Scope Statement: a. Remove existing Essential Service Generator and replace with new equivalent size to run essential services. b. To create moving out/moving in space for the old and new generators, remove existing single flight concrete staircase and replace with stainless steel stairway after generator installation. c. Deep clean underground tank and install fuel polishing system d. Install external temporary generator with cables for emergency use during construction. e. Install load bank connection panel for periodic generator testing.

#### Baseline Scope

SP Essential Services Standby Generator Replacement - Scope Statement: a. Remove existing Essential Service Generator and replace with new equivalent size to run essential services. b. To create moving out/moving in space for the old and new generators, remove existing single flight concrete staircase and replace with stainless steel stairway after generator installation. c. Deep clean underground tank and install fuel polishing system d. Install external temporary generator with cables for emergency use during construction. e. Install load bank connection panel for periodic generator testing.

Schedule  Red

### Schedule Variance Comment

This project experienced issues with construction contracting bids and lead times of equipment. Currently the project team has decided to move towards owner furnished equipment for the generator and load bank systems, The project also had to go to post baseline gate to get approved for additional cost.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	9/3/2019	11/19/2019	77	9/3/2019	11/19/2019	77	Completed
2 Preliminary Design	11/19/2019	9/15/2020	301	11/19/2019	9/15/2020	301	Completed
3 Final Design	9/15/2020	7/16/2021	304	9/15/2020	10/24/2024	1500	In Progress
4 Implementation	7/16/2021	3/28/2022	255	10/24/2024	8/4/2025	284	Not Started
5 Closeout	3/28/2022	3/17/2023	354	8/4/2025	12/15/2025	133	Not Started
6 Acquisition							N/A
Substantial Completion Date	5/24/2022			6/19/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/15/2020	5/24/2022	616	1122	182.00%
Current Schedule	9/15/2020	6/19/2025	1738		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1137751 SP Essential Services Standby Generator Replacement WTC ELECTRICAL I AND C

Cost  Red

### Cost Variance Comment

The variance is due to indirect burden cost and additional effort for WTD labor. Project Status We received only one bid on the bidding opening. It was Derian Inc. and they a lot higher than the engineer estimate. After further, WTD Management decided to reject the bid. Another thing that was noticed was incorrect contingency amounts were used for this project at Gate 3 Baseline. This increased the cost due to final contingency amounts not being used in the forecast.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$14,782	(\$1,514)	(\$1,514)	(\$16,296)	-110.00%
2 Preliminary Design	\$94,476	\$313,761	\$313,081	\$218,605	231.00%
3 Final Design	\$324,486	\$672,662	\$855,097	\$530,611	164.00%
4 Implementation	\$1,764,921	\$13,978	\$1,770,252	\$5,332	0.00%
5 Closeout	\$12,563	\$0	\$47,429	\$34,865	278.00%
6 Acquisition	\$0	(\$30)	(\$30)	(\$30)	0.00%
Total	\$2,211,228	\$998,857	\$2,984,315	\$773,087	34.96%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138085 WP Warning System Upgrade WTC WP LIFE SAFETY IMPROVEMENT

Target Baseline Date	06/21/2022
Actual Baseline Date	06/21/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Resiliency
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/16/2019	1/7/2020	Completed	\$26,477	\$26,477	\$0
2 Preliminary Design	1/7/2020	6/21/2022	Completed	\$515,248	\$515,248	\$0
3 Final Design	6/21/2022	9/27/2023	Completed	\$989,828	\$858,861	\$0
4 Implementation	5/24/2024	12/16/2024	Not Started	\$1,149,904	\$14,575	\$0
5 Closeout	12/16/2024	6/24/2025	Not Started	\$15,442	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,696,898	\$1,415,161	\$0

Current Substantial Completion 11/14/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/16/2019	1/7/2020	\$24,988
2 Preliminary Design	1/7/2020	6/21/2022	\$382,914
3 Final Design	6/21/2022	4/13/2023	\$713,747
4 Implementation	4/13/2023	10/30/2023	\$1,290,841
5 Closeout	10/30/2023	5/10/2024	\$34,408
6 Acquisition			\$0
Total			\$2,446,898

Baseline Substantial Completion 10/2/2023



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138085 WP Warning System Upgrade WTC WP LIFE SAFETY IMPROVEMENT

Scope  Green

### Scope Variance Comment

#### Current Scope

WP Warning System Upgrade - \* Design, engineer and install an integrated warning system (including auditory and visual indicators, and signage) and additional hazard (flood, seismic, fire, etc.) detection instrumentation at strategically identified locations. \* Install additional instrumentation and control (I&C) infrastructure required to support new warning system.

#### Baseline Scope

WP Warning System Upgrade - \* Design, engineer and install an integrated warning system (including auditory and visual indicators, and signage) and additional hazard (flood, seismic, fire, etc.) detection instrumentation at strategically identified locations. \* Install additional instrumentation and control (I&C) infrastructure required to support new warning system.

Schedule  Red

### Schedule Variance Comment

Construction has been delayed because 100% plans were not complete. WO package was submitted Q4 2023 and negotiations with WO contractor is taking longer than anticipated.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/16/2019	1/7/2020	22	12/16/2019	1/7/2020	22	Completed
2 Preliminary Design	1/7/2020	6/21/2022	896	1/7/2020	6/21/2022	896	Completed
3 Final Design	6/21/2022	4/13/2023	296	6/21/2022	9/27/2023	463	Completed
4 Implementation	4/13/2023	10/30/2023	200	5/24/2024	12/16/2024	206	Not Started
5 Closeout	10/30/2023	5/10/2024	193	12/16/2024	6/24/2025	190	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/2/2023			11/14/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/21/2022	10/2/2023	468	409	87.00%
Current Schedule	6/21/2022	11/14/2024	877		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138085 WP Warning System Upgrade WTC WP LIFE SAFETY IMPROVEMENT

Cost  Yellow

### Cost Variance Comment

Requested an additional \$250,000 at the Definition and Delivery Board meeting on 09/26/23. This additional budget request will help cover incurred costs from schedule delays.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$24,988	\$26,477	\$26,477	\$1,489	6.00%
2 Preliminary Design	\$382,914	\$515,248	\$515,248	\$132,334	35.00%
3 Final Design	\$713,747	\$858,861	\$989,828	\$276,080	39.00%
4 Implementation	\$1,290,841	\$14,575	\$1,149,904	(\$140,936)	-11.00%
5 Closeout	\$34,408	\$0	\$15,442	(\$18,967)	-55.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,446,898	\$1,415,161	\$2,696,898	\$250,000	10.22%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138496 Denny Way Regulator Erosion Control WTC STRUCTURE SITE IMPROVEMENT

Target Baseline Date	03/16/2021
Actual Baseline Date	03/01/2021
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/3/2020	3/3/2020	Completed	\$66,009	\$66,009	\$0
2 Preliminary Design	3/3/2020	3/1/2021	Completed	\$239,401	\$239,401	\$0
3 Final Design	3/1/2021	3/30/2021	Completed	\$116,536	\$133,097	\$0
4 Implementation	6/30/2021	11/15/2024	In Progress	\$629,003	\$87,998	\$0
5 Closeout	3/22/2023	12/31/2024	In Progress	\$55,046	\$2,029	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,105,995	\$528,533	\$0

Current Substantial Completion 9/19/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/3/2020	3/3/2020	\$64,424
2 Preliminary Design	3/3/2020	3/1/2021	\$148,189
3 Final Design	3/1/2021	2/28/2022	\$289,028
4 Implementation	6/22/2021	8/10/2022	\$555,814
5 Closeout	10/6/2021	10/20/2022	\$48,546
6 Acquisition			\$0
Total			\$1,106,000

Baseline Substantial Completion 5/31/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138496 Denny Way Regulator Erosion Control WTC STRUCTURE SITE IMPROVEMENT

Scope  Green

### Scope Variance Comment

#### Current Scope

Denny Way Regulator Erosion Control - The preliminary project scope is to stabilize and prevent further erosion of the sea wall around the Denny Regulator and to prevent water intrusion and undermining of the adjoining Plaza.

#### Baseline Scope

Denny Way Regulator Erosion Control - The preliminary project scope is to stabilize and prevent further erosion of the sea wall around the Denny Regulator and to prevent water intrusion and undermining of the adjoining Plaza.

Schedule  Red

### Schedule Variance Comment

The Project Resources have returned and the Project Engineer has completed the final design. The project will now move into the construction phase of the project with installation of Phase II in 2024.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/3/2020	3/3/2020	0	3/3/2020	3/3/2020	0	Completed
2 Preliminary Design	3/3/2020	3/1/2021	363	3/3/2020	3/1/2021	363	Completed
3 Final Design	3/1/2021	2/28/2022	364	3/1/2021	3/30/2021	29	Completed
4 Implementation	6/22/2021	8/10/2022	414	6/30/2021	11/15/2024	1234	In Progress
5 Closeout	10/6/2021	10/20/2022	379	3/22/2023	12/31/2024	650	In Progress
6 Acquisition							N/A
Substantial Completion Date	5/31/2022			9/19/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/1/2021	5/31/2022	456	842	184.00%
Current Schedule	3/1/2021	9/19/2024	1298		

Cost  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138496 Denny Way Regulator Erosion Control WTC STRUCTURE SITE IMPROVEMENT

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$64,424	\$66,009	\$66,009	\$1,585	2.00%
2 Preliminary Design	\$148,189	\$239,401	\$239,401	\$91,212	62.00%
3 Final Design	\$289,028	\$133,097	\$116,536	(\$172,492)	-60.00%
4 Implementation	\$555,814	\$87,998	\$629,003	\$73,189	13.00%
5 Closeout	\$48,546	\$2,029	\$55,046	\$6,501	13.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,106,000	\$528,533	\$1,105,995	(\$5)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138499 SP Dewatering Building Truck Loading Bay Ventilation Improvements WTC ODOR CORROSION

Target Baseline Date	09/20/2022
Actual Baseline Date	09/20/2022
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Conveyance)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/2/2019	3/4/2020	Completed	\$159,475	\$159,475	\$0
2 Preliminary Design	3/4/2020	9/20/2022	Completed	\$576,186	\$603,238	\$0
3 Final Design	9/20/2022	1/14/2025	In Progress	\$366,478	\$173,936	\$0
4 Implementation	1/14/2025	3/12/2026	Not Started	\$1,280,530	\$0	\$0
5 Closeout	3/12/2026	6/17/2026	Not Started	\$6,586	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,389,256	\$936,649	\$0

Current Substantial Completion 12/29/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/2/2019	3/4/2020	\$159,254
2 Preliminary Design	3/4/2020	9/20/2022	\$273,952
3 Final Design	9/20/2022	4/16/2024	\$511,510
4 Implementation	4/16/2024	6/11/2025	\$1,442,271
5 Closeout	6/11/2025	9/17/2025	\$2,274
6 Acquisition			\$0
Total			\$2,389,260

Baseline Substantial Completion 4/1/2025

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138499 SP Dewatering Building Truck Loading Bay Ventilation Improvements WTC ODOR CORROSION

Scope  Green

### Scope Variance Comment

#### Current Scope

SP Dewatering Bldg Truck Loading Bay Ventilation Improvements - The scope of this project will be to make improvements to the South Treatment Plant Truck Loading Bay Area Ventilation System. This will include (but not limited to) procuring and installing new Air Handling Unit (AHU) and all associated components, and constructing a platform to hold the new AHU.

#### Baseline Scope

SP Dewatering Bldg Truck Loading Bay Ventilation Improvements - The scope of this project will be to make improvements to the South Treatment Plant Truck Loading Bay Area Ventilation System. This will include (but not limited to) procuring and installing new Air Handling Unit (AHU) and all associated components, and constructing a platform to hold the new AHU.

Schedule  Red

### Schedule Variance Comment

Schedule delays due to multiple design reviews to finalize 100% design package that was not anticipated. The schedule was also adjusted to reflect the additional time for preparing the permit drawing set for the building permit application with the City of Renton.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/2/2019	3/4/2020	93	12/2/2019	3/4/2020	93	Completed
2 Preliminary Design	3/4/2020	9/20/2022	930	3/4/2020	9/20/2022	930	Completed
3 Final Design	9/20/2022	4/16/2024	574	9/20/2022	1/14/2025	847	In Progress
4 Implementation	4/16/2024	6/11/2025	421	1/14/2025	3/12/2026	422	Not Started
5 Closeout	6/11/2025	9/17/2025	98	3/12/2026	6/17/2026	97	Not Started
6 Acquisition							N/A
Substantial Completion Date	4/1/2025			12/29/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/20/2022	4/1/2025	924	272	29.00%
Current Schedule	9/20/2022	12/29/2025	1196		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1138499 SP Dewatering Building Truck Loading Bay Ventilation Improvements

WTC ODOR CORROSION

Cost

Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$159,254	\$159,475	\$159,475	\$221	0.00%
2 Preliminary Design	\$273,952	\$603,238	\$576,186	\$302,235	110.00%
3 Final Design	\$511,510	\$173,936	\$366,478	(\$145,031)	-28.00%
4 Implementation	\$1,442,271	\$0	\$1,280,530	(\$161,741)	-11.00%
5 Closeout	\$2,274	\$0	\$6,586	\$4,312	190.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,389,260	\$936,649	\$2,389,256	(\$4)	0.00%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138543 System-wide Arc Flash Hazard Assessment WTC ELECTRICAL I AND C

Target Baseline Date	04/22/2020
Actual Baseline Date	04/22/2020
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/18/2020	9/15/2020	Completed	\$92,032	\$92,032	\$0
2 Preliminary Design	9/15/2020	4/29/2022	Completed	\$735,072	\$735,662	\$0
3 Final Design	1/28/2022	5/1/2024	In Progress	\$2,577,731	\$1,104,721	\$0
4 Implementation	5/30/2024	8/8/2025	Not Started	\$337,547	\$0	\$0
5 Closeout	8/11/2025	1/6/2026	Not Started	\$29,162	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,771,544	\$1,932,415	\$0

Current Substantial Completion


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/18/2020	2/18/2020	\$0
2 Preliminary Design	2/18/2020	4/22/2020	\$0
3 Final Design	4/22/2020	9/30/2020	\$1,782,569
4 Implementation			\$652,425
5 Closeout	8/31/2023	12/1/2023	\$55,199
6 Acquisition			\$0
Total			\$2,490,193

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138543 System-wide Arc Flash Hazard Assessment WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

System-wide Arc Flash Hazard Assessment - The project scope is to: 1) Review electrical record drawings and breaker setting by confirming accuracy through field visits to all WTD facilities (except WP and newly constructed facilities with up-to-date arc flash studies). 2) From data collected during drawing and setting verification effort, perform arc flash hazard assessment in accordance with NFPA 70E on South Treatment Plant, all Offsite Facilities, Brightwater Treatment Plant, Vashon Treatment Plant, and Carnation Treatment Plant. 3) Produce arc flash hazard assessment reports and labels for all the above facilities. 4) Produce an update electrical systems model for all the above facilities 5) Provide training for field electrical staff to ensure an understanding of the reports

#### Baseline Scope

System-wide Arc Flash Hazard Assessment - The project scope is to: 1) Review electrical record drawings and breaker setting by confirming accuracy through field visits to all WTD facilities (except WP and newly constructed facilities with up-to-date arc flash studies). 2) From data collected during drawing and setting verification effort, perform arc flash hazard assessment in accordance with NFPA 70E on South Treatment Plant, all Offsite Facilities, Brightwater Treatment Plant, Vashon Treatment Plant, and Carnation Treatment Plant. 3) Produce arc flash hazard assessment reports and labels for all the above facilities. 4) Produce an update electrical systems model for all the above facilities 5) Provide training for field electrical staff to ensure an understanding of the reports

Schedule  Yellow

### Schedule Variance Comment

Once the work commenced, more nodes were identified at the various sites, which resulted in more work that increased the schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/18/2020	2/18/2020	0	2/18/2020	9/15/2020	210	Completed
2 Preliminary Design	2/18/2020	4/22/2020	64	9/15/2020	4/29/2022	591	Completed
3 Final Design	4/22/2020	9/30/2020	161	1/28/2022	5/1/2024	824	In Progress
4 Implementation				5/30/2024	8/8/2025	435	Not Started
5 Closeout	8/31/2023	12/1/2023	92	8/11/2025	1/6/2026	148	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/30/2023			8/8/2025			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138543 System-wide Arc Flash Hazard Assessment WTC ELECTRICAL I AND C

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/22/2020	9/30/2023	1256	32	2.00%
Current Schedule	1/28/2022	8/8/2025	1288		

Cost  Red

### Cost Variance Comment

Additional WTD labor hours to facilitate the consultant while onsite reviewing facilities. Current data gathering revealed to be more work than anticipated. Both BW and Vashon don't currently have SKM models, and those models will need to be created by the consultant. The creation of the additional SMK models and exact node count were not known when this project was baselined in 2020. Likely addition of an SKM software cost have increased and was quoted at 24K. Not (\$7k-\$10k) as originally expected. Team will also need purchase a designated laptop to do future updates to the models.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$92,032	\$92,032	\$92,032	0.00%
2 Preliminary Design	\$0	\$735,662	\$735,072	\$735,072	0.00%
3 Final Design	\$1,782,569	\$1,104,721	\$2,577,731	\$795,162	45.00%
4 Implementation	\$652,425	\$0	\$337,547	(\$314,878)	-48.00%
5 Closeout	\$55,199	\$0	\$29,162	(\$26,037)	-47.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,490,193	\$1,932,415	\$3,771,544	\$1,281,351	51.46%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138777 BW Influent Structure Wash-down System WTC ODOR CORROSION

Target Baseline Date	12/07/2021
Actual Baseline Date	12/07/2021
Council District(s)	
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Conveyance)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/21/2020	4/21/2020	Completed	\$173,703	\$216,179	\$0
2 Preliminary Design	4/21/2020	12/7/2021	Completed	\$385,634	\$385,634	\$0
3 Final Design	12/7/2021	5/1/2024	In Progress	\$106,721	\$106,721	\$0
4 Implementation	5/1/2024	12/10/2024	Not Started	\$415,019	\$12,183	\$0
5 Closeout	12/10/2024	12/31/2024	Not Started	\$11,975	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,093,052	\$720,717	\$0

Current Substantial Completion 9/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/21/2020	4/21/2020	\$67,528
2 Preliminary Design	4/21/2020	12/7/2021	\$141,869
3 Final Design	12/7/2021	4/29/2022	\$141,188
4 Implementation	4/29/2022	3/3/2023	\$565,979
5 Closeout	3/3/2023	5/31/2023	\$18,643
6 Acquisition			\$0
Total			\$935,206

Baseline Substantial Completion 12/9/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138777 BW Influent Structure Wash-down System WTC ODOR CORROSION

Scope  Green

### Scope Variance Comment

#### Current Scope

BW Influent Structure Wash-down System - Occasionally, there is a need to store flows in the conveyance system, upstream of the IPS to manage flows into the treatment plant. Storing flows results in flooding the concrete bench of the IS with raw sewage. With the current configurations after such events; the bench area is hosed off by WTD employees to eliminate the potential for the formation of odorous, hazardous, and corrosive hydrogen sulfide gas and explosive methane gas. The IS is a hazardous area to work in due to its 60-foot depth, limited egress, potential presence of hazardous and explosive gasses, oxygen deprivation, and the potential of engulfment by raw sewage. The proposed project will install a remotely controlled system to wash/flush the lower level of the IS.

#### Baseline Scope

BW Influent Structure Wash-down System - Occasionally, there is a need to store flows in the conveyance system, upstream of the IPS to manage flows into the treatment plant. Storing flows results in flooding the concrete bench of the IS with raw sewage. With the current configurations after such events; the bench area is hosed off by WTD employees to eliminate the potential for the formation of odorous, hazardous, and corrosive hydrogen sulfide gas and explosive methane gas. The IS is a hazardous area to work in due to its 60-foot depth, limited egress, potential presence of hazardous and explosive gasses, oxygen deprivation, and the potential of engulfment by raw sewage. The proposed project will install a remotely controlled system to wash/flush the lower level of the IS.

Schedule  Red

### Schedule Variance Comment

Design is delayed due to engineering staff resource availability and the increase in construction estimate which graduated the project from the Streamline PM process and required the need for obtaining Gate approvals. - Delayed permitting may affect the schedule - Acquiring a sole source waiver for procuring the nozzles - CM/PE/Operations agreeing on performing the work in the low flow season - Permit approved (Pending WO Contractor documentation) - Nozzles are ordered (expected delivery in 6 months) - 2023\_04\_13 WTD PR is coordinating the construction WO with other projects. Project is pending construction prioritization. 2023\_06\_20 On-hold by CM group based on ranking in projects' priority list. 2023-10-12 Still on-hold by the CM group. Missed 2023 low-flow season. Will wait for 2024 low-flow season.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/21/2020	4/21/2020	0	4/21/2020	4/21/2020	0	Completed
2 Preliminary Design	4/21/2020	12/7/2021	595	4/21/2020	12/7/2021	595	Completed
3 Final Design	12/7/2021	4/29/2022	143	12/7/2021	5/1/2024	876	In Progress
4 Implementation	4/29/2022	3/3/2023	308	5/1/2024	12/10/2024	223	Not Started
5 Closeout	3/3/2023	5/31/2023	89	12/10/2024	12/31/2024	21	Not Started
6 Acquisition							N/A
Substantial Completion Date	12/9/2022			9/30/2024			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138777 BW Influent Structure Wash-down System WTC ODOR CORROSION

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/7/2021	12/9/2022	367	661	180.00%
Current Schedule	12/7/2021	9/30/2024	1028		

Cost  Red

### Cost Variance Comment

Extended design time resulted in increased WTD labor cost.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$67,528	\$216,179	\$173,703	\$106,175	157.00%
2 Preliminary Design	\$141,869	\$385,634	\$385,634	\$243,765	172.00%
3 Final Design	\$141,188	\$106,721	\$106,721	(\$34,468)	-24.00%
4 Implementation	\$565,979	\$12,183	\$415,019	(\$150,960)	-27.00%
5 Closeout	\$18,643	\$0	\$11,975	(\$6,668)	-36.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$935,206	\$720,717	\$1,093,052	\$157,846	16.88%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139037 Lakeland Hills Install Generator STANDALONE

Target Baseline Date	10/04/2019
Actual Baseline Date	10/04/2019
Council District(s)	7
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/21/2015	12/21/2015	Completed	\$65,981	\$104,034	\$1
2 Preliminary Design	12/21/2015	10/4/2019	Completed	\$1,003,645	\$1,003,645	\$1
3 Final Design	10/4/2019	1/4/2022	Completed	\$1,805,956	\$1,855,749	\$2,548,667
4 Implementation	1/4/2022	5/30/2024	In Progress	\$4,405,056	\$3,243,289	\$4,405,056
5 Closeout	5/30/2024	12/30/2024	Not Started	\$117,989	\$0	\$445,146
6 Acquisition			N/A	\$246	\$246	\$1
Total				\$7,398,872	\$6,206,963	\$7,398,872

Current Substantial Completion 5/26/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/2/2015	12/21/2015	\$35,774
2 Preliminary Design	12/21/2015	10/4/2019	\$745,913
3 Final Design	10/4/2019	6/18/2021	\$1,172,242
4 Implementation	6/18/2021	3/31/2023	\$3,338,820
5 Closeout	3/31/2023	8/31/2023	\$93,873
6 Acquisition			\$246
Total			\$5,386,868

Baseline Substantial Completion 2/9/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139037 Lakeland Hills Install Generator STANDALONE

Scope  Yellow

### Scope Variance Comment

This project absorbed the Lakeland Hills Pump Station Transformer and Switchgear Upgrade Project. Also, in late September, there was an intrusion into the pump station. In order to avoid future project delays, security services were hired using project funds until the PS is switched back from the temporary power supply and reached substantial completion, which is expected on May 26, 2024.

### Current Scope

Lakeland Hills Install Generator - The primary goal of this project is to equip Auburn's Lakeland Hills Pump Station, which does not currently have a standby power supply, with a fuel tank and a backup generator. In the event of a power outage, this project will provide a permanent system large enough to run the station for the duration of 24 hours.

### Baseline Scope

Lakeland Hills Install Generator - The main objective of this project is to provide a standby generator and fuel tank at the Lakeland Hills Pump Station in Auburn, WA, which does not currently have a standby power system. This project will provide a permanent system of adequate size to run the station for the standard 24 hours in the event of a power outage.

Schedule  Red

### Schedule Variance Comment

The contractor submitted a Change Order for additional conduit and conductors that were not identified in the Contract documents but were necessary to complete the work. The Change Order has been approved and resulted in a contract increase in the amount of \$5,571.78 and an extension to the contract for an additional 34 calendar days. Substantial completion is now expected May 26, 2024.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/2/2015	12/21/2015	19	12/21/2015	12/21/2015	0	Completed
2 Preliminary Design	12/21/2015	10/4/2019	1383	12/21/2015	10/4/2019	1383	Completed
3 Final Design	10/4/2019	6/18/2021	623	10/4/2019	1/4/2022	823	Completed
4 Implementation	6/18/2021	3/31/2023	651	1/4/2022	5/30/2024	877	In Progress
5 Closeout	3/31/2023	8/31/2023	153	5/30/2024	12/30/2024	214	Not Started
6 Acquisition							N/A
Substantial Completion Date	2/9/2022			5/26/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/4/2019	2/9/2022	859	837	97.00%
Current Schedule	10/4/2019	5/26/2024	1696		



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139037 Lakeland Hills Install Generator STANDALONE

Cost  Red


**Cost Variance Comment**  
Various construction-related issues listed above led to an increase in WTD staff labor and other construction and non-construction-related costs.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$35,774	\$104,034	\$65,981	\$30,207	84.00%
2 Preliminary Design	\$745,913	\$1,003,645	\$1,003,645	\$257,732	35.00%
3 Final Design	\$1,172,242	\$1,855,749	\$1,805,956	\$633,714	54.00%
4 Implementation	\$3,338,820	\$3,243,289	\$4,405,056	\$1,066,236	32.00%
5 Closeout	\$93,873	\$0	\$117,989	\$24,116	26.00%
6 Acquisition	\$246	\$246	\$246	\$0	0.00%
Total	\$5,386,868	\$6,206,963	\$7,398,872	\$2,012,004	37.35%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139038 Medina PS MCC & Generator Replacement STANDALONE

Target Baseline Date	09/29/2020	
Actual Baseline Date	09/29/2020	
Council District(s)	6	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/28/2019	5/28/2019	Completed	\$56,136	\$56,136	\$1
2 Preliminary Design	5/28/2019	9/29/2020	Completed	\$537,718	\$537,718	\$406,962
3 Final Design	9/29/2020	2/10/2022	Completed	\$1,198,868	\$1,198,868	\$1,047,586
4 Implementation	2/10/2022	7/31/2024	In Progress	\$5,672,149	\$3,801,793	\$5,798,367
5 Closeout	7/31/2024	2/28/2025	Not Started	\$124,733	\$0	\$346,486
6 Acquisition			N/A	\$9,800	\$9,800	\$1
Total				\$7,599,404	\$5,604,315	\$7,599,403

Current Substantial Completion 6/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	5/28/2019	5/28/2019	\$53,283
2 Preliminary Design	5/28/2019	9/29/2020	\$358,297
3 Final Design	9/29/2020	10/27/2021	\$838,108
4 Implementation	4/8/2021	12/8/2022	\$4,735,748
5 Closeout	12/8/2022	10/25/2023	\$113,333
6 Acquisition			\$546
Total			\$6,099,315

Baseline Substantial Completion 9/26/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139038 Medina PS MCC & Generator Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Medina PS MCC & Generator Replacement - The scope of this project is to replace the under-rated MCC, an undersized generator, and 30+ year old VFDs. The project includes installation of a temporary generator (completed in November 2019) to mitigate the risk of overflow during the wet weather season and provide backup power while installing the permanent standby generator and replacing the MCC, switchboard, ATS and VFDs. The temporary generator will stay in place until the project is complete. As project design progressed, 30% design work uncovered that additional pump station upgrades were necessary to implement the original project scope outlined in the Gate 1 documents. The following scope items were added: - Replacement of existing interior wall mounted exhaust fan with an exterior wall mounted exhaust fan. - Improvements to the generator room to accommodate increased airflow requirements and minimum clearance requirements for the new standby generator. The improvements include the complete removal of existing sound plenums to meet code minimum clearance requirements, a new outside air intake louver with associated sound trap and motorized damper, and new exhaust sound trap with associated sound plenum and motorized damper. - Structural reinforcement to the new generator room intake louver opening. - Pulling new conductors from the MCC to field equipment, programming of the PLC/Metrotel. - Addition of a load bank connection receptacle. - Relocation of new ATS in the electrical room because depth of new equipment will not provide adequate (four foot) workspace in front that is required by national electrical code (NEC). - The contractor will provide the temporary MCC and switchboard to power the station rather than using KC provided temporary gear. - VFD installation will occur as part of this project rather than the VFD program.

#### Baseline Scope

Medina PS MCC & Generator Replacement - The scope of this project is to replace electrical and mechanical equipment that is nearing end of life and in need of replacement at the aging Medina Pump Station. This project will replace motor control centers (MCCs), variable frequency drives (VFDs), and a permanent standby generator. A temporary generator was installed in 2019 to mitigate the risk of overflow during wet weather events and will remain until this project is complete.

Schedule  Red

### Schedule Variance Comment

Approved 3/22/2024 by Delivery Board: Schedule extension of 7 months. Substantial completion anticipated in June 30, 2024.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	5/28/2019	5/28/2019	0	5/28/2019	5/28/2019	0	Completed
2 Preliminary Design	5/28/2019	9/29/2020	490	5/28/2019	9/29/2020	490	Completed
3 Final Design	9/29/2020	10/27/2021	393	9/29/2020	2/10/2022	499	Completed
4 Implementation	4/8/2021	12/8/2022	609	2/10/2022	7/31/2024	902	In Progress
5 Closeout	12/8/2022	10/25/2023	321	7/31/2024	2/28/2025	212	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/26/2022			6/30/2024			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139038 Medina PS MCC & Generator Replacement STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/29/2020	9/26/2022	727	643	88.00%
Current Schedule	9/29/2020	6/30/2024	1370		

Cost  Red

### Cost Variance Comment


Approved 3/22/2024 by Delivery Board: Additional funding ((\$998,661 from project contingency) to cover increased staff costs (overhead + additional year of implementation) and cost associated with renting the generator for an additional year due to project delays (supply chain issues).

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$53,283	\$56,136	\$56,136	\$2,853	5.00%
2 Preliminary Design	\$358,297	\$537,718	\$537,718	\$179,421	50.00%
3 Final Design	\$838,108	\$1,198,868	\$1,198,868	\$360,760	43.00%
4 Implementation	\$4,735,748	\$3,801,793	\$5,672,149	\$936,401	20.00%
5 Closeout	\$113,333	\$0	\$124,733	\$11,400	10.00%
6 Acquisition	\$546	\$9,800	\$9,800	\$9,254	1,695.00%
Total	\$6,099,315	\$5,604,315	\$7,599,404	\$1,500,089	24.59%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139044 Loop Biosolids Compost Pilot at SP STANDALONE

Target Baseline Date	12/17/2019	
Actual Baseline Date	12/17/2019	
Council District(s)	5	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Resource Recovery	
Subportfolio		

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/1/2019	3/4/2019	Completed	\$41,003	\$41,003	\$1
2 Preliminary Design	3/4/2019	12/17/2019	Completed	\$22,697	\$22,697	\$1
3 Final Design	12/17/2019	7/14/2023	Completed	\$625,249	\$625,249	\$708,930
4 Implementation	7/14/2023	12/30/2024	In Progress	\$5,686,164	\$1,644,100	\$5,497,465
5 Closeout	12/30/2024	4/11/2025	Not Started	\$13,224	\$0	\$181,939
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$6,388,336</b>	<b>\$2,333,049</b>	<b>\$6,388,336</b>

Current Substantial Completion 10/31/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/1/2019	3/4/2019	\$25,961
2 Preliminary Design	3/4/2019	12/17/2019	\$20,846
3 Final Design	12/17/2019	5/12/2021	\$552,846
4 Implementation	5/12/2021	1/1/2022	\$2,672,585
5 Closeout	1/1/2022	5/2/2022	\$53,332
6 Acquisition			
		Total	\$3,325,570

Baseline Substantial Completion 10/4/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139044 Loop Biosolids Compost Pilot at SP STANDALONE

Scope  Green


### Scope Variance Comment

### Current Scope

Loop Biosolids Compost Pilot at SP - This project is to design, permit, and construction a temporary compost pilot facility at South Treatment Plant in Renton to compost Loop biosolids with woody materials to make Class A compost. Once fully operational, the pilot can process up to 500-750 wet tons of class B Loop per year into Class A Loop compost.

### Baseline Scope

Loop Biosolids Compost Pilot at SP - This project is to design, permit, and construction a temporary compost pilot facility at South Treatment Plant to compost Loop biosolids with woody materials to make Class A compost. Once fully operational, the pilot can process up to 500-750 wet tons of class B Loop per year into Class A Loop compost.

Schedule  Red

### Schedule Variance Comment

The schedule was extended to account for additional PSCAA permitting timeline, permit was obtained in July 2022. Contract was advertised on Feb 16, 2023. NTP occurred Sept 2023. Expected Substantial Completion by Oct 2024.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/1/2019	3/4/2019	3	3/1/2019	3/4/2019	3	Completed
2 Preliminary Design	3/4/2019	12/17/2019	288	3/4/2019	12/17/2019	288	Completed
3 Final Design	12/17/2019	5/12/2021	512	12/17/2019	7/14/2023	1305	Completed
4 Implementation	5/12/2021	1/1/2022	234	7/14/2023	12/30/2024	535	In Progress
5 Closeout	1/1/2022	5/2/2022	121	12/30/2024	4/11/2025	102	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/4/2021			10/31/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/17/2019	10/4/2021	657	1123	170.00%
Current Schedule	12/17/2019	10/31/2024	1780		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139044 Loop Biosolids Compost Pilot at SP STANDALONE

### Cost Variance Comment

The bids received were substantially higher than the cost estimates provided by the consultants. This appears to be due to 2 factors: 1) the cost estimate was completed in July 2022, but the bidding did not start until February 2023 and (2) the cost estimate underestimated the expected inflation. (3) The cost estimate underestimated the time and effort of King County forces to complete the project.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$25,961	\$41,003	\$41,003	\$15,042	58.00%
2 Preliminary Design	\$20,846	\$22,697	\$22,697	\$1,851	9.00%
3 Final Design	\$552,846	\$625,249	\$625,249	\$72,403	13.00%
4 Implementation	\$2,672,585	\$1,644,100	\$5,686,164	\$3,013,579	113.00%
5 Closeout	\$53,332	\$0	\$13,224	(\$40,108)	-75.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$3,325,570</b>	<b>\$2,333,049</b>	<b>\$6,388,336</b>	<b>\$3,062,766</b>	<b>92.10%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139601 SP Fire Control Panel Upgrade WTC ELECTRICAL I AND C

Target Baseline Date	03/15/2022
Actual Baseline Date	03/15/2022
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/7/2020	6/26/2020	Completed	\$429,515	\$429,555	\$0
2 Preliminary Design	6/26/2020	3/15/2022	Completed	\$22,641	\$22,641	\$0
3 Final Design	3/15/2022	7/31/2023	Completed	\$17,230	\$23,925	\$0
4 Implementation	7/31/2023	8/30/2024	In Progress	\$1,299,095	\$1,043,574	\$0
5 Closeout	8/30/2024	12/31/2025	Not Started	\$15,516	\$935	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,783,996	\$1,520,630	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	5/7/2020	7/30/2020	\$143,575
2 Preliminary Design	6/26/2020	3/15/2022	\$13,471
3 Final Design	3/15/2022	10/11/2022	\$158,272
4 Implementation	10/11/2022	10/6/2023	\$419,457
5 Closeout	10/6/2023	1/29/2024	\$18,686
6 Acquisition			\$0
Total			\$753,461

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139601 SP Fire Control Panel Upgrade WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

SP Fire Control Panel Upgrade - This project will upgrade the five existing fire alarm control panels at South Plant. The panels located in five South Plant buildings are aging and the equipment is obsolete and no longer supported by the manufacturer. The Panels need to be upgraded in order to be compliant with the Renton Fire Department regulations. The scope includes:

- \* A Factory Mutual compliant design
- \* All existing controls will be removed and replaced with new controls with the exception of the fire control computers which were recently replaced along with the Siemens software
- \* The new control panels are Factory Mutual-approved and will comply with smoke control requirements
- \* Required Permits will be obtained
- \* The new equipment will be thoroughly inspected and tested
- \* Training on the new equipment will be provided
- \* The existing fire alarm components (smoke detectors, pull station, etc) must be able to connect to the new fire control panels with no additional component required to interface

#### Baseline Scope

SP Fire Control Panel Upgrade - This project will upgrade the five existing fire alarm control panels at South Plant. The panels located in five South Plant buildings are aging and the equipment is obsolete and no longer supported by the manufacturer. The Panels need to be upgraded in order to be compliant with the Renton Fire Department regulations. The scope includes:

- \* A Factory Mutual compliant design
- \* All existing controls will be removed and replaced with new controls with the exception of the fire control computers which were recently replaced along with the Siemens software
- \* The new control panels are Factory Mutual-approved and will comply with smoke control requirements
- \* Required Permits will be obtained
- \* The new equipment will be thoroughly inspected and tested
- \* Training on the new equipment will be provided
- \* The existing fire alarm components (smoke detectors, pull station, etc) must be able to connect to the new fire control panels with no additional component required to interface

Schedule  Red

### Schedule Variance Comment

A Project Change Request that was sent to POB on June 6th was approved. The Project Team was seeking a Scope, Schedule and Budget increase above the initial Gate 2/3 approval. With the new Gate approval, the project has moved into the construction phase and has begun ordering and scheduling equipment piggy backing onto a Seattle Housing Authority contract with Guardian Securities. Procurement has sent Guardian a PO to begin the process. Guardian and Operations will conduct another preconstruction site walk scheduled for July 13. The completion of the installed equipment upgrades is scheduled for Sept 31st 2023.

Danger Management Systems (DMS) have been approved, with a long lead item for equipment to arrive mid next month.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139601 SP Fire Control Panel Upgrade WTC ELECTRICAL I AND C

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	5/7/2020	7/30/2020	84	5/7/2020	6/26/2020	50	Completed
2 Preliminary Design	6/26/2020	3/15/2022	627	6/26/2020	3/15/2022	627	Completed
3 Final Design	3/15/2022	10/11/2022	210	3/15/2022	7/31/2023	503	Completed
4 Implementation	10/11/2022	10/6/2023	360	7/31/2023	8/30/2024	396	In Progress
5 Closeout	10/6/2023	1/29/2024	115	8/30/2024	12/31/2025	488	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/1/2023			7/31/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/15/2022	8/1/2023	504	365	72.00%
Current Schedule	3/15/2022	7/31/2024	869		

Cost  Red

### Cost Variance Comment

The new and approved budget request was \$1.7M. The new cost covers the increase in equipment cost and includes additional equipment needed for the upgrades. Due to the DMS work added to the project, it added additional time for the project to complete.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$143,575	\$429,555	\$429,515	\$285,940	199.00%
2 Preliminary Design	\$13,471	\$22,641	\$22,641	\$9,170	68.00%
3 Final Design	\$158,272	\$23,925	\$17,230	(\$141,043)	-89.00%
4 Implementation	\$419,457	\$1,043,574	\$1,299,095	\$879,638	210.00%
5 Closeout	\$18,686	\$935	\$15,516	(\$3,171)	-17.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$753,461</b>	<b>\$1,520,630</b>	<b>\$1,783,996</b>	<b>\$1,030,535</b>	<b>136.77%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139645 West Point PE and FE Flowmeter Replacement WTC PROCESS REPLACEMENT IMPROV

Target Baseline Date	02/01/2022
Actual Baseline Date	02/01/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Operational Enhancements
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$1,846	\$1,846	\$0
2 Preliminary Design	7/7/2020	2/1/2022	Completed	\$236,865	\$237,128	\$0
3 Final Design	2/1/2022	1/24/2023	Completed	\$258,237	\$258,473	\$0
4 Implementation	1/24/2023	11/27/2024	In Progress	\$852,508	\$409,410	\$0
5 Closeout	11/27/2024	4/30/2025	Not Started	\$26,403	\$1,136	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,375,858	\$907,993	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$1,846
2 Preliminary Design	7/7/2020	2/1/2022	\$209,611
3 Final Design	2/1/2022	3/6/2023	\$251,096
4 Implementation	3/7/2022	11/1/2023	\$485,326
5 Closeout	10/28/2022	4/1/2024	\$12,122
6 Acquisition			\$0
Total			\$960,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139645 West Point PE and FE Flowmeter Replacement WTC PROCESS REPLACEMENT IMPROV

Scope  Green

### Scope Variance Comment

#### Current Scope

West Point PE and FE Flowmeter Replacement - The project will replace the 25 year old PE and FE propeller meters. These meters have reached the end of their useful lifespan and are no longer providing accurate readings.

#### Baseline Scope

West Point PE and FE Flowmeter Replacement - The project will replace the 25 year old PE and FE propeller meters. These meters have reached the end of their useful lifespan and are no longer providing accurate readings.

Schedule  Red

### Schedule Variance Comment

A key supplier for a component of the flowmeter went out of business, causing a 3 month delay for the delivery of the flowmeters. Because the flowmeters can only be replaced during the dry season, the delayed delivery of the flowmeter is causing a one year delay for the project.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	7/7/2020	2/1/2022	574	7/7/2020	2/1/2022	574	Completed
3 Final Design	2/1/2022	3/6/2023	398	2/1/2022	1/24/2023	357	Completed
4 Implementation	3/7/2022	11/1/2023	604	1/24/2023	11/27/2024	673	In Progress
5 Closeout	10/28/2022	4/1/2024	521	11/27/2024	4/30/2025	154	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/30/2023			9/30/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/1/2022	9/30/2023	606	366	60.00%
Current Schedule	2/1/2022	9/30/2024	972		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139645 West Point PE and FE Flowmeter Replacement WTC PROCESS REPLACEMENT IMPROV

### Cost Variance Comment

Cost increased because of the following reasons: - Higher than expected escalation - Extensive trouble shooting after test installation was not successful

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$1,846	\$1,846	\$1,846	\$0	0.00%
2 Preliminary Design	\$209,611	\$237,128	\$236,865	\$27,254	13.00%
3 Final Design	\$251,096	\$258,473	\$258,237	\$7,141	3.00%
4 Implementation	\$485,326	\$409,410	\$852,508	\$367,182	76.00%
5 Closeout	\$12,122	\$1,136	\$26,403	\$14,281	118.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$960,000</b>	<b>\$907,993</b>	<b>\$1,375,858</b>	<b>\$415,858</b>	<b>43.32%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139673 York FM Cathodic Protection WTC ODOR CORROSION

Target Baseline Date	04/19/2022
Actual Baseline Date	04/19/2022
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Conveyance)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/1/2020	7/8/2020	Completed	\$99,239	\$99,239	\$0
2 Preliminary Design	7/8/2020	4/19/2022	Completed	\$347,640	\$347,640	\$0
3 Final Design	4/19/2022	10/24/2023	Completed	\$274,241	\$274,552	\$0
4 Implementation	10/24/2023	8/31/2024	In Progress	\$374,687	\$612,797	\$0
5 Closeout	8/31/2024	12/31/2024	Not Started	\$10,963	\$0	\$0
6 Acquisition			N/A	\$41,636	\$41,636	\$0
Total				\$1,148,405	\$1,375,864	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/1/2020	7/8/2020	\$94,409
2 Preliminary Design	7/8/2020	4/19/2022	\$152,035
3 Final Design	4/19/2022	1/1/2023	\$288,000
4 Implementation	1/1/2023	9/29/2023	\$797,539
5 Closeout	9/29/2023	12/31/2023	\$43,945
6 Acquisition			\$34,282
Total			\$1,410,210

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139673 York FM Cathodic Protection WTC ODOR CORROSION

Scope  Green

### Scope Variance Comment

### Current Scope

York FM Cathodic Protection - Upgrade the current six Cathodic Protection stations on the York Force Mains.

### Baseline Scope

York FM Cathodic Protection - Upgrade the current six Cathodic Protection stations on the York Force Mains.

Schedule  Red

### Schedule Variance Comment

Schedule delay resulting from the need to perform geotechnical investigation for the ground water table elevation. That required the procurement of a consultant under a WO contract, and a right-of-way coordination with the abutting property. The geotech report including installing a well and monitoring the ground water table over a period of time. Further delays due to procuring TCE, PSE agreement, and receiving the permit from the City of Kirkland. The 100% design is pending the resolution of those issues. City of Kirkland permit delayed the project. Now it is acquired. 2023-10-12 The negotiations with the WO contractor resulted in an increase in construction cost and a delay in construction NTP (scheduled for late October 2023). Construction actually started in Nov. 2023.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/1/2020	7/8/2020	37	6/1/2020	7/8/2020	37	Completed
2 Preliminary Design	7/8/2020	4/19/2022	650	7/8/2020	4/19/2022	650	Completed
3 Final Design	4/19/2022	1/1/2023	257	4/19/2022	10/24/2023	553	Completed
4 Implementation	1/1/2023	9/29/2023	271	10/24/2023	8/31/2024	312	In Progress
5 Closeout	9/29/2023	12/31/2023	93	8/31/2024	12/31/2024	122	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/30/2023			6/30/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/19/2022	6/30/2023	437	366	83.00%
Current Schedule	4/19/2022	6/30/2024	803		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139673 York FM Cathodic Protection WTC ODOR CORROSION

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$94,409	\$99,239	\$99,239	\$4,829	5.00%
2 Preliminary Design	\$152,035	\$347,640	\$347,640	\$195,605	129.00%
3 Final Design	\$288,000	\$274,552	\$274,241	(\$13,759)	-5.00%
4 Implementation	\$797,539	\$612,797	\$374,687	(\$422,853)	-53.00%
5 Closeout	\$43,945	\$0	\$10,963	(\$32,982)	-75.00%
6 Acquisition	\$34,282	\$41,636	\$41,636	\$7,355	21.00%
Total	\$1,410,210	\$1,375,864	\$1,148,405	(\$261,805)	-18.56%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141028 Offsite Fuel Storage Tank Monitoring Upgrade WTC ELECTRICAL I AND C

Target Baseline Date	08/16/2023
Actual Baseline Date	08/01/2023
Council District(s)	1, 2, 6, 8
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning		2/16/2021	Completed	\$0	\$0	\$0
2 Preliminary Design	2/16/2021	8/16/2023	Completed	\$83,421	\$0	\$0
3 Final Design	8/16/2023	1/27/2022	Completed	\$1,041,542	\$1,033,992	\$0
4 Implementation	1/27/2022	6/28/2024	In Progress	\$345,575	\$93,050	\$0
5 Closeout	6/28/2024	9/30/2024	Not Started	\$2,400	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,472,937	\$1,127,042	\$0

Current Substantial Completion 7/1/2024


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning		2/16/2021	\$0
2 Preliminary Design	2/16/2021	8/1/2023	\$24,488
3 Final Design	8/1/2023	1/27/2022	\$789,535
4 Implementation	1/27/2022	10/31/2022	\$441,278
5 Closeout	10/31/2022	12/31/2023	\$30,768
6 Acquisition			\$0
Total			\$1,286,069

Baseline Substantial Completion 11/27/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141028 Offsite Fuel Storage Tank Monitoring Upgrade WTC ELECTRICAL I AND C

Scope  Green

### Scope Variance Comment

#### Current Scope

Offsite Fuel Storage Tank Monitoring Upgrade - Upgrade the South Mercer Island, West Seattle, Rainier, and Kenmore Pump Stations' fuel tank monitoring systems to the current WTD standard for tank monitoring (i.e. Pneumercator local control monitoring panels at this time, plus add connectivity from local control panels (fuel level, interstitial, and sump leak detection) to pump station PLC, and PanelView terminals, and then to main control buildings at WPTP and STP, including required programming and I/O connection points.

#### Baseline Scope

Offsite Fuel Storage Tank Monitoring Upgrade - Upgrade the South Mercer Island, West Seattle, Rainier, and Kenmore Pump Stations' fuel tank monitoring systems to the current WTD standard for tank monitoring (i.e. Pneumercator local control monitoring panels at this time, plus add connectivity from local control panels (fuel level, interstitial, and sump leak detection) to pump station PLC, and PanelView terminals, and then to main control buildings at WPTP and STP, including required programming and I/O connection points.

Schedule  Red

### Schedule Variance Comment

Delays in completing design review process and final design documents, together with delays in procurement of new WO Contract and in negotiating and issuing the construction WOs comprised components of schedule extension, and resulted in increased staff labor/indirects (non-construction) cost. These design/procurement/WO negotiation delays anticipated to push overall project schedule out about 6 -9 months, relative to baseline schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning		2/16/2021			2/16/2021		Completed
2 Preliminary Design	2/16/2021	8/1/2023	896	2/16/2021	8/16/2023	911	Completed
3 Final Design	8/1/2023	1/27/2022	-551	8/16/2023	1/27/2022	-566	Completed
4 Implementation	1/27/2022	10/31/2022	277	1/27/2022	6/28/2024	883	In Progress
5 Closeout	10/31/2022	12/31/2023	426	6/28/2024	9/30/2024	94	Not Started
6 Acquisition							N/A
Substantial Completion Date	11/27/2023			7/1/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/1/2023	11/27/2023	118	202	171.00%
Current Schedule	8/16/2023	7/1/2024	320		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141028 Offsite Fuel Storage Tank Monitoring Upgrade WTC ELECTRICAL I AND C

Cost  Yellow

### Cost Variance Comment

Rebalanced current forecast to match Gate 3 baselined budget. This required zeroing out project contingency, increasing modestly the construction budget to reflect current \$50K construction proposal for W. Seattle from contractor Source Electric, and decreasing WTD staff labor in several categories to balance back to baseline. The re-balanced staff labor budget appears inadequate to achieve project completion. PM will fill out a change request form to add sufficient staff labor budget to reach project completion. The additional budget amount to be requested at this time is likely under 10% (\$129,000) of baseline budget (\$1,286,068).

### Cost Variance Analysis by Capital Phase

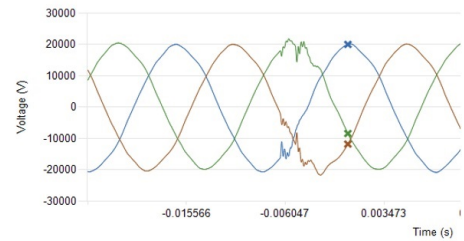
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$24,488	\$0	\$83,421	\$58,932	241.00%
3 Final Design	\$789,535	\$1,033,992	\$1,041,542	\$252,007	32.00%
4 Implementation	\$441,278	\$93,050	\$345,575	(\$95,703)	-22.00%
5 Closeout	\$30,768	\$0	\$2,400	(\$28,368)	-92.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,286,069</b>	<b>\$1,127,042</b>	<b>\$1,472,937</b>	<b>\$186,868</b>	<b>14.53%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141030 WP Power Quality Improvements STANDALONE

Target Baseline Date	01/25/2022
Actual Baseline Date	11/15/2021
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Regulatory
Subportfolio	



Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	2/5/2021	1/25/2022	Completed	\$3,605,854	\$3,605,854	\$3,608,259
3 Final Design	1/25/2022	5/24/2022	Completed	\$8,178,656	\$8,178,896	\$2,969,913
4 Implementation	11/17/2021	11/8/2024	In Progress	\$152,214,046	\$121,533,733	\$163,047,460
5 Closeout	11/8/2024	5/30/2025	Not Started	\$282,999	\$29,761	\$775,118
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$164,281,555	\$133,348,244	\$170,400,750

Current Substantial Completion 7/5/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design		11/15/2021	\$767,587
3 Final Design	11/15/2021	5/3/2022	\$23,079,660
4 Implementation	11/17/2021	11/8/2024	\$133,633,501
5 Closeout	11/8/2024	5/30/2025	\$531,025
6 Acquisition			\$1,054,868
Total			\$159,066,642

Baseline Substantial Completion 12/31/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141030 WP Power Quality Improvements STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WP Power Quality Improvements - This project will plan, design and implement all work necessary to install an Uninterruptible Power Supply (UPS) system that will mitigate the effects of incoming voltage sags on the seven critical pump Variable Frequency Drives (VFDs) to reduce unauthorized discharges of storm water and sewage into Puget Sound at West Point Treatment Plant (WPTP) in Seattle. The project scope will include demolition of the existing WPTP building 713 and construct new building in its place that will house the new UPS system.

#### Baseline Scope

WP Power Quality Improvements - Plan, design and implement all work necessary to install an Uninterruptible Power Supply (UPS) system that will mitigate the effects of incoming voltage sags on the seven WP critical pump VFDs to reduce unauthorized discharges of storm water and sewage into Puget Sound. Demolish existing WP building 713 and construct new building in its place that will house the new UPS system.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design		11/15/2021		2/5/2021	1/25/2022	354	Completed
3 Final Design	11/15/2021	5/3/2022	169	1/25/2022	5/24/2022	119	Completed
4 Implementation	11/17/2021	11/8/2024	1087	11/17/2021	11/8/2024	1087	In Progress
5 Closeout	11/8/2024	5/30/2025	203	11/8/2024	5/30/2025	203	Not Started
6 Acquisition							N/A
Substantial Completion Date	12/31/2024			7/5/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/15/2021	12/31/2024	1142	-250	-21.00%
Current Schedule	1/25/2022	7/5/2024	892		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141030 WP Power Quality Improvements STANDALONE

Cost  Yellow

### Cost Variance Comment

Due to various factors to include significant equipment and commodity escalations attributable to supply chain disruptions, overall construction costs rose considerably.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$767,587	\$3,605,854	\$3,605,854	\$2,838,267	370.00%
3 Final Design	\$23,079,660	\$8,178,896	\$8,178,656	(\$14,901,004)	-65.00%
4 Implementation	\$133,633,501	\$121,533,733	\$152,214,046	\$18,580,545	14.00%
5 Closeout	\$531,025	\$29,761	\$282,999	(\$248,026)	-47.00%
6 Acquisition	\$1,054,868	\$0	\$0	(\$1,054,868)	-100.00%
Total	\$159,066,642	\$133,348,244	\$164,281,555	\$5,214,913	3.28%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141559 Small Generator Replacement Group 2 WTC OFFSITE REPLACE SMALL GENS

Target Baseline Date	03/19/2024
Actual Baseline Date	03/19/2024
Council District(s)	
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	7/21/2021	3/19/2024	Completed	\$802,196	\$989,041	\$0
3 Final Design	3/19/2024	9/19/2025	In Progress	\$2,026,383	\$4,376	\$0
4 Implementation	9/19/2025	10/15/2027	Not Started	\$5,547,944	\$56,482	\$0
5 Closeout	10/15/2027	3/2/2028	Not Started	\$63,198	\$0	\$0
6 Acquisition	7/21/2021	5/31/2024	In Progress	\$188,522	\$0	\$0
Total				\$8,628,243	\$1,049,899	\$0

Current Substantial Completion 8/13/2027

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	7/21/2021	3/19/2024	\$802,196
3 Final Design	3/19/2024	9/19/2025	\$2,026,383
4 Implementation	9/19/2025	10/15/2027	\$5,547,944
5 Closeout	10/15/2027	3/2/2028	\$63,198
6 Acquisition	7/21/2021	5/31/2024	\$188,522
Total			\$8,628,243

Baseline Substantial Completion 8/13/2027

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141559 Small Generator Replacement Group 2 WTC OFFSITE REPLACE SMALL GENS

Scope  Green

### Scope Variance Comment

#### Current Scope

Small Generator Replacement – Group 2 - The project will design and construct replacement small standby generators at seven offsite stations: 1. Brandon Street Outfall Station 2. Connecticut Street Regulator Station 3. Hanford Street Regulator Station 4. Hanford Street Outfall Station 5. King Street Regulator Station 6. South Michigan Street Outfall Station 7. South Michigan Street Regulator Station

#### Baseline Scope

Small Generator Replacement – Group 2 - The project will design and construct replacement small standby generators at seven offsite stations: 1. Brandon Street Outfall Station 2. Connecticut Street Regulator Station 3. Hanford Street Regulator Station 4. Hanford Street Outfall Station 5. King Street Regulator Station 6. South Michigan Street Outfall Station 7. South Michigan Street Regulator Station

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	7/21/2021	3/19/2024	972	7/21/2021	3/19/2024	972	Completed
3 Final Design	3/19/2024	9/19/2025	549	3/19/2024	9/19/2025	549	In Progress
4 Implementation	9/19/2025	10/15/2027	756	9/19/2025	10/15/2027	756	Not Started
5 Closeout	10/15/2027	3/2/2028	139	10/15/2027	3/2/2028	139	Not Started
6 Acquisition	7/21/2021	5/31/2024	1045	7/21/2021	5/31/2024	1045	In Progress
Substantial Completion Date	8/13/2027			8/13/2027			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/19/2024	8/13/2027	1242	0	0.00%
Current Schedule	3/19/2024	8/13/2027	1242		

Cost  Green



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141559 Small Generator Replacement Group 2 WTC OFFSITE REPLACE SMALL GENS


Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$802,196	\$989,041	\$802,196	\$0	0.00%
3 Final Design	\$2,026,383	\$4,376	\$2,026,383	\$0	0.00%
4 Implementation	\$5,547,944	\$56,482	\$5,547,944	\$0	0.00%
5 Closeout	\$63,198	\$0	\$63,198	\$0	0.00%
6 Acquisition	\$188,522	\$0	\$188,522	\$0	0.00%
Total	\$8,628,243	\$1,049,899	\$8,628,243	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141881 SP DAFT Tank Rehabilitation STANDALONE

Target Baseline Date	10/17/2023	
Actual Baseline Date	10/17/2023	
Council District(s)	5	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Asset Management (Plants)	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/17/2021	11/16/2021	Completed	\$179,609	\$182,176	\$164,457
2 Preliminary Design	11/16/2021	10/17/2023	Completed	\$2,606,531	\$2,629,906	\$1,755,686
3 Final Design	10/17/2023	7/24/2025	In Progress	\$6,501,207	\$160,364	\$2,492,620
4 Implementation	7/24/2025	6/28/2029	Not Started	\$59,202,418	\$2,960	\$44,408,716
5 Closeout	6/28/2029	12/27/2029	Not Started	\$126,747	\$0	\$100,821
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$68,616,511	\$2,975,406	\$48,922,300

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/17/2021	11/16/2021	\$175,249
2 Preliminary Design	11/16/2021	10/17/2023	\$1,792,043
3 Final Design	10/17/2023	7/24/2025	\$6,740,402
4 Implementation	7/24/2025	6/28/2029	\$59,706,130
5 Closeout	6/28/2029	12/27/2029	\$202,693
6 Acquisition			\$0
Total			\$68,616,517

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141881 SP DAFT Tank Rehabilitation STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

SP DAFT Tank Rehabilitation - The project will be conducting an inspection on selected DAFTs (one of older DAFTs 1, 2, 3, or 4 and one of newer DAFTs 5 or 6) to further define the rehabilitation scope, budget, and schedule. Major scope of work items includes the following: 1. Structural and mechanical inspection and testing of DAFTs 2. Alternatives analysis and selection of preferred alternative 3. Preliminary and Final design of the rehabilitation/replacement work 4. Implementation of the rehabilitation/replacement work 5. Project closeout

#### Baseline Scope

SP DAFT Tank Rehabilitation - The project will be conducting an inspection on selected DAFTs (one of older DAFTs 1, 2, 3, or 4 and one of newer DAFTs 5 or 6) to further define the rehabilitation scope, budget, and schedule. Major scope of work items includes the following: 1. Structural and mechanical inspection and testing of DAFTs 2. Alternatives analysis and selection of preferred alternative 3. Preliminary and Final design of the rehabilitation/replacement work 4. Implementation of the rehabilitation/replacement work 5. Project closeout

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/17/2021	11/16/2021	91	8/17/2021	11/16/2021	91	Completed
2 Preliminary Design	11/16/2021	10/17/2023	700	11/16/2021	10/17/2023	700	Completed
3 Final Design	10/17/2023	7/24/2025	646	10/17/2023	7/24/2025	646	In Progress
4 Implementation	7/24/2025	6/28/2029	1435	7/24/2025	6/28/2029	1435	Not Started
5 Closeout	6/28/2029	12/27/2029	182	6/28/2029	12/27/2029	182	Not Started
6 Acquisition							N/A
Substantial Completion Date	3/7/2029			3/7/2029			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/17/2023	3/7/2029	1968	0	0.00%
Current Schedule	10/17/2023	3/7/2029	1968		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141881 SP DAFT Tank Rehabilitation STANDALONE

Cost ● Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$175,249	\$182,176	\$179,609	\$4,359	2.00%
2 Preliminary Design	\$1,792,043	\$2,629,906	\$2,606,531	\$814,487	45.00%
3 Final Design	\$6,740,402	\$160,364	\$6,501,207	(\$239,195)	-4.00%
4 Implementation	\$59,706,130	\$2,960	\$59,202,418	(\$503,712)	-1.00%
5 Closeout	\$202,693	\$0	\$126,747	(\$75,946)	-37.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$68,616,517	\$2,975,406	\$68,616,511	(\$7)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141884 WPTP Grit Classifier Replacement STANDALONE

Target Baseline Date	01/17/2023
Actual Baseline Date	01/17/2023
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/3/2021	1/5/2022	Completed	\$103,304	\$103,304	\$47,975
2 Preliminary Design	1/5/2022	1/17/2023	Completed	\$845,136	\$856,379	\$534,002
3 Final Design	1/17/2023	6/28/2024	In Progress	\$1,611,455	\$987,143	\$1,205,548
4 Implementation	6/28/2024	2/2/2026	Not Started	\$8,296,276	\$0	\$7,042,035
5 Closeout	2/2/2026	5/12/2026	Not Started	\$127,440	\$0	\$68,914
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$10,983,612</b>	<b>\$1,946,827</b>	<b>\$8,898,474</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/3/2021	1/5/2022	\$90,591
2 Preliminary Design	1/5/2022	1/17/2023	\$640,179
3 Final Design	1/17/2023	6/17/2024	\$2,106,128
4 Implementation	6/17/2024	2/2/2026	\$8,365,888
5 Closeout	2/2/2026	5/12/2026	\$77,802
6 Acquisition			\$0
		Total	\$11,280,589

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141884 WPTP Grit Classifier Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Grit Classifier Replacement - This project will plan, design, and implement all work necessary to replace or refurbish failing grit classifiers, cyclones, and grit hopper gates at West Point. This project will also implement modifications to associated structural, mechanical, electrical, and process equipment related to the grit classifier, piping, and equipment. The grit classifier equipment removes heavy inorganic materials, such as sand, gravel, and minerals from the wastewater flow during preliminary treatment.

#### Baseline Scope

WPTP Grit Classifier Replacement - This project will plan, design, and implement all work necessary to replace or refurbish failing grit classifiers, cyclones, and grit hopper gates at West Point. This project will also implement modifications to associated structural, mechanical, electrical, and process equipment related to the grit classifier, piping, and equipment. The grit classifier equipment removes heavy inorganic materials, such as sand, gravel, and minerals from the wastewater flow during preliminary treatment.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	8/3/2021	1/5/2022	155	8/3/2021	1/5/2022	155	Completed
2 Preliminary Design	1/5/2022	1/17/2023	377	1/5/2022	1/17/2023	377	Completed
3 Final Design	1/17/2023	6/17/2024	517	1/17/2023	6/28/2024	528	In Progress
4 Implementation	6/17/2024	2/2/2026	595	6/28/2024	2/2/2026	584	Not Started
5 Closeout	2/2/2026	5/12/2026	99	2/2/2026	5/12/2026	99	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/25/2025			9/25/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/17/2023	9/25/2025	982	0	0.00%
Current Schedule	1/17/2023	9/25/2025	982		

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1141884 WPTP Grit Classifier Replacement  
STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$90,591	\$103,304	\$103,304	\$12,714	14.00%
2 Preliminary Design	\$640,179	\$856,379	\$845,136	\$204,957	32.00%
3 Final Design	\$2,106,128	\$987,143	\$1,611,455	(\$494,673)	-23.00%
4 Implementation	\$8,365,888	\$0	\$8,296,276	(\$69,612)	-1.00%
5 Closeout	\$77,802	\$0	\$127,440	\$49,638	64.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$11,280,589	\$1,946,827	\$10,983,612	(\$296,976)	-2.63%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142896 Lakeland Hills PS Elevator Replacement WTC MECHANICAL UPGRADE AND REP

Target Baseline Date	10/04/2022
Actual Baseline Date	10/04/2022
Council District(s)	7
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/7/2021	4/5/2022	Completed	\$26,804	\$26,804	\$0
2 Preliminary Design	4/5/2022	10/4/2022	Completed	\$210,512	\$210,512	\$0
3 Final Design	10/4/2022	6/27/2023	Completed	\$368,500	\$256,073	\$0
4 Implementation	6/1/2024	11/1/2024	Not Started	\$428,207	\$36,723	\$0
5 Closeout	11/1/2024	12/31/2024	Not Started	\$20,204	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,054,227	\$530,112	\$0

Current Substantial Completion 10/1/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/7/2021	4/5/2022	\$26,585
2 Preliminary Design	4/5/2022	10/4/2022	\$21,349
3 Final Design	10/4/2022	11/30/2022	\$113,169
4 Implementation	12/1/2022	10/26/2023	\$881,719
5 Closeout	10/26/2023	3/29/2024	\$11,409
6 Acquisition			\$0
Total			\$1,054,231

Baseline Substantial Completion 9/26/2023



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142896 Lakeland Hills PS Elevator Replacement WTC MECHANICAL UPGRADE AND REP

Scope  Green

### Scope Variance Comment

#### Current Scope

Lakeland Hills PS Elevator Replacement - This project will replace the 1970s original dry well elevator.

#### Baseline Scope

Lakeland Hills PS Elevator Replacement - This project will replace the 1970s original dry well elevator.

Schedule  Red

### Schedule Variance Comment

Schedule is delayed due to L&I issues, the necessity to find a new contractor for installation and site access to another ongoing project at Lakeland Hills Pump Station.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/7/2021	4/5/2022	119	12/7/2021	4/5/2022	119	Completed
2 Preliminary Design	4/5/2022	10/4/2022	182	4/5/2022	10/4/2022	182	Completed
3 Final Design	10/4/2022	11/30/2022	57	10/4/2022	6/27/2023	266	Completed
4 Implementation	12/1/2022	10/26/2023	329	6/1/2024	11/1/2024	153	Not Started
5 Closeout	10/26/2023	3/29/2024	155	11/1/2024	12/31/2024	60	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/26/2023			10/1/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/4/2022	9/26/2023	357	371	103.00%
Current Schedule	10/4/2022	10/1/2024	728		

Cost  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142896 Lakeland Hills PS Elevator Replacement WTC MECHANICAL UPGRADE AND REP

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$26,585	\$26,804	\$26,804	\$219	1.00%
2 Preliminary Design	\$21,349	\$210,512	\$210,512	\$189,163	886.00%
3 Final Design	\$113,169	\$256,073	\$368,500	\$255,331	226.00%
4 Implementation	\$881,719	\$36,723	\$428,207	(\$453,512)	-51.00%
5 Closeout	\$11,409	\$0	\$20,204	\$8,795	77.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,054,231</b>	<b>\$530,112</b>	<b>\$1,054,227</b>	<b>(\$4)</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142898 Medina PS Pump Room Header Replacement WTC MECHANICAL UPGRADE AND REP

Target Baseline Date	07/12/2022
Actual Baseline Date	06/21/2022
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/20/2021	2/15/2022	Completed	\$54,867	\$54,867	\$0
2 Preliminary Design	2/15/2022	7/12/2022	Completed	\$69,082	\$69,082	\$0
3 Final Design	7/12/2022	8/24/2023	Completed	\$334,506	\$334,506	\$0
4 Implementation	8/24/2023	1/31/2024	Completed	\$2,565,250	\$2,293,341	\$0
5 Closeout	1/31/2024	5/21/2024	In Progress	\$43,139	\$5,827	\$0
6 Acquisition			N/A	\$1,803	\$1,803	\$0
Total				\$3,068,647	\$2,759,426	\$0

Current Substantial Completion 10/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/20/2021	2/15/2022	\$581
2 Preliminary Design	2/15/2022	6/21/2022	\$0
3 Final Design	6/21/2022	3/15/2023	\$946,358
4 Implementation	3/15/2023	10/16/2023	\$1,656,226
5 Closeout	10/16/2023	3/15/2024	\$1,966
6 Acquisition			\$0
Total			\$2,605,131

Baseline Substantial Completion 8/18/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142898 Medina PS Pump Room Header Replacement WTC MECHANICAL UPGRADE AND REP

Scope  Green

### Scope Variance Comment

#### Current Scope

Medina PS Pump Room Header Replacement - This project will replace key components on the Raw Sewage Pump (RSP) room to allow for isolation of the RSPs and installation of a pipe fitting (tee with isolation) to provide permanent bypassing capability to the station. The project will replace the header and install new suction, discharge and check valves for each RSP on the new header.

#### Baseline Scope

Medina PS Pump Room Header Replacement - This project will replace key components on the Raw Sewage Pump (RSP) room to provide permanent bypassing capability. The project will replace the header and install new suction, discharge and check valves for each RSP on the new header. Major scope of work items includes the following: \* Alternatives analysis and selection of preferred alternative and lead time for parts and delivery of parts \* Preliminary Design for replacement of components \* Final design of replacement of components \* Implementation of replacement of components \* Project closeout

Schedule  Yellow

### Schedule Variance Comment

PCE is waiting for final Affidavits of Wages Paid and Final Pay Application from the contract, so the WO can be closed.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/20/2021	2/15/2022	57	12/20/2021	2/15/2022	57	Completed
2 Preliminary Design	2/15/2022	6/21/2022	126	2/15/2022	7/12/2022	147	Completed
3 Final Design	6/21/2022	3/15/2023	267	7/12/2022	8/24/2023	408	Completed
4 Implementation	3/15/2023	10/16/2023	215	8/24/2023	1/31/2024	160	Completed
5 Closeout	10/16/2023	3/15/2024	151	1/31/2024	5/21/2024	111	In Progress
6 Acquisition							N/A
Substantial Completion Date	8/18/2023			10/31/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/21/2022	8/18/2023	423	53	12.00%
Current Schedule	7/12/2022	10/31/2023	476		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142898 Medina PS Pump Room Header Replacement WTC MECHANICAL UPGRADE AND REP

Cost  Red

### Cost Variance Comment

KC000379 Mechanical Construction WO Contract 2021-2023; WO#11 Contractor lump sum estimate exceeded the \$300k WO cap. Waiver to use the planned WO contract granted by procurement on 8/8/23. Original WO price at NTP on 8/24/23: \$1,345,490.56; Change Order 001 (Technical Rescue) executed on 09/01/23: \$ 136,035.08; Change Order 002 (Second Septage Hauling) executed on 01/25/24: \$ 58,285.49; Total cost of WO #11: \$1,539,811.13

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$581	\$54,867	\$54,867	\$54,286	9,341.00%
2 Preliminary Design	\$0	\$69,082	\$69,082	\$69,082	0.00%
3 Final Design	\$946,358	\$334,506	\$334,506	(\$611,853)	-65.00%
4 Implementation	\$1,656,226	\$2,293,341	\$2,565,250	\$909,024	55.00%
5 Closeout	\$1,966	\$5,827	\$43,139	\$41,173	2,094.00%
6 Acquisition	\$0	\$1,803	\$1,803	\$1,803	0.00%
Total	\$2,605,131	\$2,759,426	\$3,068,647	\$463,516	17.79%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143277 WPTP Fire Suppression System Supply Line RPBA & PRV Installation WTC MECHANICAL UPGRADE AND REP

Target Baseline Date	12/20/2022
Actual Baseline Date	12/20/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/15/2022	6/7/2022	Completed	\$52,045	\$52,045	\$0
2 Preliminary Design	6/7/2022	12/20/2022	Completed	\$204,473	\$204,473	\$0
3 Final Design	12/20/2022	6/5/2024	In Progress	\$662,258	\$523,721	\$0
4 Implementation	6/5/2024	4/16/2025	Not Started	\$1,426,864	\$438	\$0
5 Closeout	4/16/2025	8/6/2025	Not Started	\$17,255	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,362,897	\$780,677	\$0

Current Substantial Completion 1/14/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/15/2022	6/7/2022	\$47,351
2 Preliminary Design	6/7/2022	12/20/2022	\$1,329
3 Final Design	12/20/2022	3/15/2024	\$498,794
4 Implementation	3/15/2024	12/4/2024	\$1,578,421
5 Closeout	12/4/2024	4/3/2025	\$6,164
6 Acquisition			\$0
Total			\$2,132,060

Baseline Substantial Completion 8/30/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143277 WPTP Fire Suppression System Supply Line RPBA & PRV Installation WTC MECHANICAL UPGRADE AND REP

Scope  Green

### Scope Variance Comment

#### Current Scope

WPTP Fire Suppression System Supply Line RPBA & PRV Installation - Install new Reduced Pressure Backflow Assemblies (RPBAs) and Pressure Relief Valves for entire WPTP CW system. New installation would be in compliance with SPU and Washington State codes while allowing continued use of city water for plant processes. Locate equipment above grade inside plant near main entrance. Remove existing PRVs and DCAs from the gallery.

#### Baseline Scope

WPTP Fire Suppression System Supply Line RPBA & PRV Installation - Install new Reduced Pressure Backflow Assemblies (RPBAs) and Pressure Relief Valves for entire WPTP CW system. New installation would be in compliance with SPU and Washington State codes while allowing continued use of city water for plant processes. Locate equipment above grade inside plant near main entrance. Remove existing PRVs and DCAs from the gallery.

Schedule  Red

### Schedule Variance Comment

Final design pushed back due to delay in survey and unanticipated comments at 100%

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/15/2022	6/7/2022	112	2/15/2022	6/7/2022	112	Completed
2 Preliminary Design	6/7/2022	12/20/2022	196	6/7/2022	12/20/2022	196	Completed
3 Final Design	12/20/2022	3/15/2024	451	12/20/2022	6/5/2024	533	In Progress
4 Implementation	3/15/2024	12/4/2024	264	6/5/2024	4/16/2025	315	Not Started
5 Closeout	12/4/2024	4/3/2025	120	4/16/2025	8/6/2025	112	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/30/2024			1/14/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/20/2022	8/30/2024	619	137	22.00%
Current Schedule	12/20/2022	1/14/2025	756		

Cost  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143277 WPTP Fire Suppression System Supply Line RPBA & PRV Installation WTC MECHANICAL UPGRADE AND REP

### Cost Variance Comment

\$149k added for WP Overhead and \$24k added for GCCM precon svc

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$47,351	\$52,045	\$52,045	\$4,694	10.00%
2 Preliminary Design	\$1,329	\$204,473	\$204,473	\$203,144	15,281.00%
3 Final Design	\$498,794	\$523,721	\$662,258	\$163,464	33.00%
4 Implementation	\$1,578,421	\$438	\$1,426,864	(\$151,556)	-10.00%
5 Closeout	\$6,164	\$0	\$17,255	\$11,091	180.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,132,060	\$780,677	\$2,362,897	\$230,837	10.83%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143278 WPTP Uninterruptible Power Supply (UPS) Replacement 2022-2023 WTC ELECTRICAL I AND C

Target Baseline Date	11/15/2022
Actual Baseline Date	11/15/2022
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/15/2022	6/7/2022	Completed	\$73,743	\$73,743	\$0
2 Preliminary Design			N/A	\$392,064	\$392,064	\$0
3 Final Design	11/15/2022	8/25/2023	Completed	\$279,563	\$268,568	\$0
4 Implementation	8/25/2023	3/7/2024	Completed	\$941,760	\$523,544	\$0
5 Closeout	3/7/2024	6/20/2024	In Progress	\$17,709	\$445	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,704,840	\$1,258,365	\$0

Current Substantial Completion 12/15/2023


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/15/2022	6/7/2022	\$71,435
2 Preliminary Design			\$2,864
3 Final Design	11/15/2022	2/23/2023	\$506,887
4 Implementation	2/23/2023	3/21/2024	\$972,101
5 Closeout	3/21/2024	6/6/2024	\$23,792
6 Acquisition			\$0
Total			\$1,577,079

Baseline Substantial Completion 12/22/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143278 WPTP Uninterruptible Power Supply (UPS) Replacement 2022-2023 WTC ELECTRICAL I AND C

**Scope**  Green

### Scope Variance Comment

#### Current Scope

WPTP Uninterruptible Power Supply (UPS) Replacement 2022-2023 - Replace 8 UPS assets located in various buildings within the WPTP and connect 7 UPSs to the Ovation monitoring system. This includes restoring connections to 3 UPSs scheduled for replacement, and providing new connections to 4 UPS units.

#### Baseline Scope

WPTP Uninterruptible Power Supply (UPS) Replacement 2022-2023 - Replace 8 UPS assets located in various buildings within the WPTP and connect 7 UPSs to the Ovation monitoring system. This includes restoring connections to 3 UPSs scheduled for replacement, and providing new connections to 4 UPS units.

**Schedule**  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/15/2022	6/7/2022	112	2/15/2022	6/7/2022	112	Completed
2 Preliminary Design							N/A
3 Final Design	11/15/2022	2/23/2023	100	11/15/2022	8/25/2023	283	Completed
4 Implementation	2/23/2023	3/21/2024	392	8/25/2023	3/7/2024	195	Completed
5 Closeout	3/21/2024	6/6/2024	77	3/7/2024	6/20/2024	105	In Progress
6 Acquisition							N/A
Substantial Completion Date	12/22/2023			12/15/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/15/2022	12/22/2023	402	-7	-1.00%
Current Schedule	11/15/2022	12/15/2023	395		

**Cost**  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143278 WTP Uninterruptible Power Supply (UPS) Replacement 2022-2023 WTC ELECTRICAL I AND C

### Cost Variance Comment

\$162K added to project to cover WP Program Administrative Cost

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$71,435	\$73,743	\$73,743	\$2,308	3.00%
2 Preliminary Design	\$2,864	\$392,064	\$392,064	\$389,200	13,590.00%
3 Final Design	\$506,887	\$268,568	\$279,563	(\$227,323)	-45.00%
4 Implementation	\$972,101	\$523,544	\$941,760	(\$30,341)	-3.00%
5 Closeout	\$23,792	\$445	\$17,709	(\$6,083)	-26.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,577,079	\$1,258,365	\$1,704,840	\$127,761	8.10%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143480 WP IPS Pump Refurbishment #2 and #3 WTC WP IPS/EPS PUMP REFURB

Target Baseline Date	03/21/2023
Actual Baseline Date	03/21/2023
Council District(s)	4
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/7/2022	6/7/2022	Completed	\$463,924	\$465,823	\$0
2 Preliminary Design	6/7/2022	3/21/2023	Completed	\$155,954	\$171,925	\$0
3 Final Design	3/21/2023	3/31/2023	Completed	\$6,645	\$6,645	\$0
4 Implementation	3/31/2023	12/29/2023	Completed	\$3,684,951	\$1,860,623	\$0
5 Closeout	12/29/2023	3/29/2024	Completed	\$1,045	\$445	\$0
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$4,312,520</b>	<b>\$2,505,461</b>	<b>\$0</b>

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/7/2022	6/7/2022	\$39,139
2 Preliminary Design	6/7/2022	3/21/2023	\$33,081
3 Final Design	3/21/2023	3/31/2023	\$1,008,558
4 Implementation	3/31/2023	11/15/2024	\$9,314,304
5 Closeout	11/15/2024	12/31/2024	\$1,200
		Total	\$10,396,282

Baseline Substantial Completion

Scope  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143480 WP IPS Pump Refurbishment #2 and #3 WTC WP IPS/EPS PUMP REFURB

### Scope Variance Comment

#### Current Scope

WP IPS Pump Refurbishment #2 and #3 - This project will refurbish or replace the Intermediate Pump Station (IPS) pumps and associated motors at the West Point Treatment Plant (WPTP). These assets are the primary hydraulic drivers of the WPTP.

#### Baseline Scope

WP IPS Pump Refurbishment #2 and #3 - This project will refurbish or replace the Intermediate Pump Station (IPS) pumps and associated motors at the West Point Treatment Plant (WPTP). These assets are the primary hydraulic drivers of the WPTP.

### Schedule Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/7/2022	6/7/2022	0	6/7/2022	6/7/2022	0	Completed
2 Preliminary Design	6/7/2022	3/21/2023	287	6/7/2022	3/21/2023	287	Completed
3 Final Design	3/21/2023	3/31/2023	10	3/21/2023	3/31/2023	10	Completed
4 Implementation	3/31/2023	11/15/2024	595	3/31/2023	12/29/2023	273	Completed
5 Closeout	11/15/2024	12/31/2024	46	12/29/2023	3/29/2024	91	Completed
6 Acquisition							N/A
Substantial Completion Date	9/20/2024			10/31/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/21/2023	9/20/2024	549	-325	-59.00%
Current Schedule	3/21/2023	10/31/2023	224		

### Cost Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143480 WP IPS Pump Refurbishment #2 and #3 WTC WP IPS/EPS PUMP REFURB

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$39,139	\$465,823	\$463,924	\$424,785	1,085.00%
2 Preliminary Design	\$33,081	\$171,925	\$155,954	\$122,873	371.00%
3 Final Design	\$1,008,558	\$6,645	\$6,645	(\$1,001,913)	-99.00%
4 Implementation	\$9,314,304	\$1,860,623	\$3,684,951	(\$5,629,353)	-60.00%
5 Closeout	\$1,200	\$445	\$1,045	(\$155)	-13.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$10,396,282	\$2,505,461	\$4,312,520	(\$6,083,762)	-58.52%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143539 Juanita Bay PS RSP 1-4 Suction Valves Replacement WTC MECHANICAL UPGRADE AND REP

Target Baseline Date	11/21/2023
Actual Baseline Date	11/21/2023
Council District(s)	1
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Asset Management (Plants)
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/22/2022	11/9/2022	Completed	\$133,332	\$133,332	\$0
2 Preliminary Design	11/9/2022	11/21/2023	Completed	\$200,372	\$226,377	\$0
3 Final Design	11/21/2023	6/11/2024	In Progress	\$57,903	\$15,918	\$0
4 Implementation	6/11/2024	11/26/2024	Not Started	\$1,740,725	\$34,008	\$0
5 Closeout	11/26/2024	3/19/2025	Not Started	\$80,792	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,213,124	\$409,634	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/22/2022	11/9/2022	\$123,350
2 Preliminary Design	11/9/2022	11/21/2023	\$72,060
3 Final Design	11/21/2023	5/2/2024	\$116,583
4 Implementation	5/2/2024	10/17/2024	\$1,859,885
5 Closeout	10/17/2024	2/14/2025	\$41,251
6 Acquisition			\$0
Total			\$2,213,129

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143539 Juanita Bay PS RSP 1-4 Suction Valves Replacement WTC MECHANICAL UPGRADE AND REP

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Juanita Bay PS RSP 1-4 Suction Valves Replacement - This project will replace four suction valves. The project will also purchase a spare raw sewage pump.

#### Baseline Scope

Juanita Bay PS RSP 1-4 Suction Valves Replacement - This project will replace four suction valves. The project will also purchase a spare raw sewage pump.

**Schedule**  Yellow

### Schedule Variance Comment

Engineering resource constraints are delaying the schedule and risking the summer 2024 construction window. If this occurs, construction will be pushed out until summer 2025.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/22/2022	11/9/2022	201	4/22/2022	11/9/2022	201	Completed
2 Preliminary Design	11/9/2022	11/21/2023	377	11/9/2022	11/21/2023	377	Completed
3 Final Design	11/21/2023	5/2/2024	163	11/21/2023	6/11/2024	203	In Progress
4 Implementation	5/2/2024	10/17/2024	168	6/11/2024	11/26/2024	168	Not Started
5 Closeout	10/17/2024	2/14/2025	120	11/26/2024	3/19/2025	113	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/20/2024			9/27/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/21/2023	8/20/2024	273	38	13.00%
Current Schedule	11/21/2023	9/27/2024	311		

**Cost**  Green

### Cost Variance Comment



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

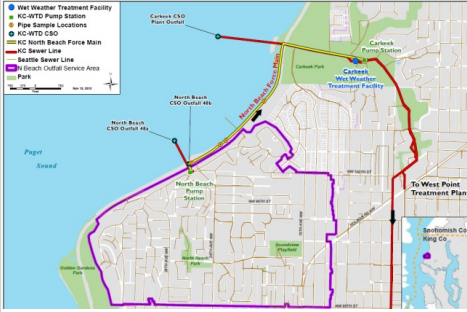
## 1143539 Juanita Bay PS RSP 1-4 Suction Valves Replacement WTC MECHANICAL UPGRADE AND REP

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$123,350	\$133,332	\$133,332	\$9,982	8.00%
2 Preliminary Design	\$72,060	\$226,377	\$200,372	\$128,312	178.00%
3 Final Design	\$116,583	\$15,918	\$57,903	(\$58,681)	-50.00%
4 Implementation	\$1,859,885	\$34,008	\$1,740,725	(\$119,160)	-6.00%
5 Closeout	\$41,251	\$0	\$80,792	\$39,542	96.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,213,129	\$409,634	\$2,213,124	(\$5)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143839 Carkeek CSO Dechlorination System Modifications STANDALONE

Target Baseline Date	10/06/2020	
Actual Baseline Date	10/06/2020	
Council District(s)	4	
Department	NATURAL RESOURCES AND PARKS	
Agency	Wastewater Treatment	
Contact	Lisa Taylor	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Operational Enhancements	
Subportfolio		

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/20/2019	8/20/2019	Completed	\$40,939	\$40,939	\$462,322
2 Preliminary Design	8/20/2019	10/6/2020	Completed	\$432,642	\$432,642	\$1,155,805
3 Final Design	10/6/2020	3/12/2024	Completed	\$2,934,499	\$2,665,573	\$2,852,528
4 Implementation	3/12/2024	4/3/2025	In Progress	\$3,347,506	\$28,467	\$2,379,388
5 Closeout	4/3/2025	10/21/2025	Not Started	\$96,341	\$0	\$1,883
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$6,851,927	\$3,167,622	\$6,851,926

Current Substantial Completion 2/5/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/20/2019	8/20/2019	\$37,195
2 Preliminary Design	8/20/2019	10/6/2020	\$320,224
3 Final Design	10/6/2020	4/19/2022	\$339,712
4 Implementation	4/19/2022	12/21/2022	\$1,221,374
5 Closeout	12/21/2022	8/31/2023	\$34,801
6 Acquisition			\$0
Total			\$1,953,306

Baseline Substantial Completion 10/21/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143839 Carkeek CSO Dechlorination System Modifications STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Carkeek CSO Dechlorination System Modifications - This project will replace the dechlorination system at the Carkeek Combined Sewer Overflow (CSO) Treatment Plant in Seattle. Scope items include: new sodium bisulfite (SBS) metering pumps, chemical feed flow meters and chlorine analyzers; two new 500-gallon SBS storage tanks; improved heating and ventilation in instrumentation and chemical storage areas; updating the feed control program; and security improvements.

#### Baseline Scope

Carkeek CSO Dechlorination System Modifications - This project will replace the dechlorination system at the Carkeek Combined Sewer Overflow (SSO) Treatment Plant in Seattle. The project scope includes: \* New sodium bisulfite (SBS) metering pumps, chemical feed flow meters and chlorine analyzers. \* Two new 500-gallon SBS storage tanks. \* Improved heating and ventilation in instrumentation and chemical storage areas. \* Utilizing the adjacent boiler room for instrumentation equipment and isolate it from the chemical storage area. \* Updating the feed control program. \* Security improvements.

Schedule  Red

### Schedule Variance Comment

The above variance reflects the additional time added to the project schedule due to a greater than anticipated final design effort. Includes Delivery Board approval 1.10.23 for revised project schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/20/2019	8/20/2019	0	8/20/2019	8/20/2019	0	Completed
2 Preliminary Design	8/20/2019	10/6/2020	413	8/20/2019	10/6/2020	413	Completed
3 Final Design	10/6/2020	4/19/2022	560	10/6/2020	3/12/2024	1253	Completed
4 Implementation	4/19/2022	12/21/2022	246	3/12/2024	4/3/2025	387	In Progress
5 Closeout	12/21/2022	8/31/2023	253	4/3/2025	10/21/2025	201	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/21/2022			2/5/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/6/2020	10/21/2022	745	838	112.00%
Current Schedule	10/6/2020	2/5/2025	1583		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143839 Carkeek CSO Dechlorination System Modifications STANDALONE

Cost  Red

**Cost Variance Comment**  
The above variance reflects a greater than anticipated in-house design effort. Includes Delivery Board approval 1.10.23 for increased project forecast.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$37,195	\$40,939	\$40,939	\$3,744	10.00%
2 Preliminary Design	\$320,224	\$432,642	\$432,642	\$112,418	35.00%
3 Final Design	\$339,712	\$2,665,573	\$2,934,499	\$2,594,787	764.00%
4 Implementation	\$1,221,374	\$28,467	\$3,347,506	\$2,126,132	174.00%
5 Closeout	\$34,801	\$0	\$96,341	\$61,540	177.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,953,306	\$3,167,622	\$6,851,927	\$4,898,621	250.79%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144135 Carnation TP UV Disinfection System WTC ELECTRICAL I AND C

Target Baseline Date	12/06/2022
Actual Baseline Date	12/06/2022
Council District(s)	3
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:07 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/5/2022	7/6/2022	Completed	\$553,670	\$552,734	\$0
2 Preliminary Design	7/6/2022	12/6/2022	Completed	\$43,558	\$43,558	\$0
3 Final Design	12/6/2022	8/21/2023	Completed	\$5,796	\$5,796	\$0
4 Implementation	8/21/2023	8/30/2024	In Progress	\$1,126,180	\$946,213	\$0
5 Closeout	8/30/2024	10/31/2024	Not Started	\$7,796	\$468	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,736,999	\$1,548,768	\$0

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/5/2022	7/6/2022	\$0
2 Preliminary Design	7/6/2022	12/6/2022	\$0
3 Final Design	12/6/2022	4/8/2023	\$186,524
4 Implementation	4/8/2023	7/29/2023	\$1,037,240
5 Closeout	7/29/2023	11/1/2023	\$45,366
6 Acquisition			\$0
Total			\$1,269,129

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144135 Carnation TP UV Disinfection System WTC ELECTRICAL I AND C

**Scope**  Green

### Scope Variance Comment

#### Current Scope

Carnation TP UV Disinfection System - Design and install a new, closed vessel UV disinfection system at the Carnation Treatment plant to replace the current UV system which is at the end of its service life.

#### Baseline Scope

Carnation TP UV Disinfection System - Design and install a new, closed vessel UV disinfection system at the Carnation Treatment plant to replace the current UV system which is at the end of its service life.

**Schedule**  Red

### Schedule Variance Comment

Delayed due to NWRI validation issue

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/5/2022	7/6/2022	1	7/5/2022	7/6/2022	1	Completed
2 Preliminary Design	7/6/2022	12/6/2022	153	7/6/2022	12/6/2022	153	Completed
3 Final Design	12/6/2022	4/8/2023	123	12/6/2022	8/21/2023	258	Completed
4 Implementation	4/8/2023	7/29/2023	112	8/21/2023	8/30/2024	375	In Progress
5 Closeout	7/29/2023	11/1/2023	95	8/30/2024	10/31/2024	62	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/17/2023			6/28/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/6/2022	6/17/2023	193	377	195.00%
Current Schedule	12/6/2022	6/28/2024	570		

**Cost**  Red

### Cost Variance Comment

Costs increased due to increased construction costs and delays due to NWRI validation issues

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144135 Carnation TP UV Disinfection System WTC ELECTRICAL I AND C

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$552,734	\$553,670	\$553,670	0.00%
2 Preliminary Design	\$0	\$43,558	\$43,558	\$43,558	0.00%
3 Final Design	\$186,524	\$5,796	\$5,796	(\$180,728)	-97.00%
4 Implementation	\$1,037,240	\$946,213	\$1,126,180	\$88,940	9.00%
5 Closeout	\$45,366	\$468	\$7,796	(\$37,570)	-83.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,269,129	\$1,548,768	\$1,736,999	\$467,869	36.87%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144964 Richmond Beach RSP and Motor Replacement WTC MECHANICAL UPGRADE AND REP

Target Baseline Date	02/07/2023
Actual Baseline Date	02/07/2023
Council District(s)	1
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	11/8/2022	12/20/2022	Completed	\$10,716	\$10,716	\$0
2 Preliminary Design	12/20/2022	2/7/2023	Completed	\$7,367	\$7,367	\$0
3 Final Design	2/7/2023	6/13/2023	Completed	\$694,512	\$694,512	\$0
4 Implementation	6/13/2023	8/15/2024	In Progress	\$1,370,311	\$265,100	\$0
5 Closeout	8/15/2024	11/14/2025	Not Started	\$23,407	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,106,313	\$977,695	\$0

Current Substantial Completion 7/25/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/8/2022	12/20/2022	\$3,227
2 Preliminary Design	12/20/2022	2/7/2023	\$0
3 Final Design	2/7/2023	3/15/2023	\$139,001
4 Implementation	3/15/2023	10/15/2024	\$1,959,643
5 Closeout	10/15/2024	1/31/2025	\$4,446
6 Acquisition			\$0
Total			\$2,106,318

Baseline Substantial Completion 9/15/2024



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144964 Richmond Beach RSP and Motor Replacement WTC MECHANICAL UPGRADE AND REP

Scope  Green

### Scope Variance Comment

#### Current Scope

Richmond Beach RSP and Motor Replacement - The scope is to furnish and install eight new pumps, one new motor and refurbish the remaining seven motors. Installation work will be performed by West Section Offsite O&M staff.

#### Baseline Scope

Richmond Beach RSP and Motor Replacement - The scope is to furnish and install eight new pumps, one new motor and refurbish the remaining seven motors. Installation work will be performed by West Section Offsite O&M staff.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/8/2022	12/20/2022	42	11/8/2022	12/20/2022	42	Completed
2 Preliminary Design	12/20/2022	2/7/2023	49	12/20/2022	2/7/2023	49	Completed
3 Final Design	2/7/2023	3/15/2023	36	2/7/2023	6/13/2023	126	Completed
4 Implementation	3/15/2023	10/15/2024	580	6/13/2023	8/15/2024	429	In Progress
5 Closeout	10/15/2024	1/31/2025	108	8/15/2024	11/14/2025	456	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/15/2024			7/25/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/7/2023	9/15/2024	586	-52	-8.00%
Current Schedule	2/7/2023	7/25/2024	534		

Cost  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144964 Richmond Beach RSP and Motor Replacement WTC MECHANICAL UPGRADE AND REP

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$3,227	\$10,716	\$10,716	\$7,490	232.00%
2 Preliminary Design	\$0	\$7,367	\$7,367	\$7,367	0.00%
3 Final Design	\$139,001	\$694,512	\$694,512	\$555,511	400.00%
4 Implementation	\$1,959,643	\$265,100	\$1,370,311	(\$589,332)	-30.00%
5 Closeout	\$4,446	\$0	\$23,407	\$18,960	426.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,106,318	\$977,695	\$2,106,313	(\$5)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1145319 South Plant Alkalinity Addition WTC NITRO REMOVAL OPTIMIZATION

Target Baseline Date	07/18/2023
Actual Baseline Date	07/18/2023
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\bloland on 4/24/2024 12:56:08 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/6/2023	5/9/2023	Completed	\$305,041	\$0	\$0
2 Preliminary Design			N/A	\$6,704	\$0	\$0
3 Final Design	7/18/2023	8/7/2023	Completed	\$269,368	\$0	\$0
4 Implementation	8/7/2023	4/15/2024	In Progress	\$687,703	\$663,566	\$0
5 Closeout	4/15/2024	10/8/2024	Not Started	\$25,766	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,294,581	\$663,566	\$0

Current Substantial Completion 1/11/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/6/2023	5/9/2023	\$238,121
2 Preliminary Design			\$6,905
3 Final Design	7/18/2023	8/7/2023	\$238,232
4 Implementation	8/7/2023	12/29/2023	\$810,165
5 Closeout	12/29/2023	4/8/2024	\$34,938
6 Acquisition			\$0
Total			\$1,328,361

Baseline Substantial Completion 9/29/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1145319 South Plant Alkalinity Addition WTC NITRO REMOVAL OPTIMIZATION

### Scope



Green

#### Scope Variance Comment

#### Current Scope

South Plant Alkalinity Addition - Install a temporary prefabricated tank containing caustic soda (also known as sodium hydroxide) and a skid mounted pump system to manually raise pH levels during low pH events to support continued nitrogen optimization. Caustic will be added to the mixed liquor channel for secondary clarifier pods 3-6. The installation will be located in the area of the decommissioned alum storage tanks. To meet the goal for the system to be operational in summer 2023, the design is a simplified chemical feed system that will be in operation for up to two years. Scope Change 1. Addition of an ammonium and nitrate probe to monitor and trend ammonium and nitrate levels in the mixed liquor (ML) channel by the existing secondary area control building. The selected location will capture measurements downstream of aeration tank #4, after all the aeration tanks ML combine thus producing the most representative sample of combined ML pH and ammonium/nitrate. Impact on Schedule - Two-day extension to the design schedule to prepare one additional instrument loop drawing and modify one of the P&IDs to show the instruments. No impact on construction schedule. Impact on Cost - Twenty additional hours for the design consultant. 2. The stormwater sump pump discharge pipe will be rerouted to discharge into to mixed liquor channel rather than into the stormwater system. Should there be a leak or spill from the caustic system, the modification mitigates the risk of these chemicals entering the stormwater system. Impact on Schedule - No impact on design/construction schedule. Impact on Cost - No cost implications.

#### Baseline Scope

South Plant Alkalinity Addition - Install a temporary prefabricated tank containing caustic soda (also known as sodium hydroxide) and a skid mounted pump system to manually raise pH levels during low pH events to support continued nitrogen optimization. Caustic will be added to the mixed liquor channel for secondary clarifier pods 3-6. The installation will be located in the area of the decommissioned alum storage tanks. To meet the goal for the system to be operational in summer 2023, the design is a simplified chemical feed system that will be in operation for up to two years. Scope Change 1. Addition of an ammonium and nitrate probe to monitor and trend ammonium and nitrate levels in the mixed liquor (ML) channel by the existing secondary area control building. The selected location will capture measurements downstream of aeration tank #4, after all the aeration tanks ML combine thus producing the most representative sample of combined ML pH and ammonium/nitrate. Impact on Schedule - Two-day extension to the design schedule to prepare one additional instrument loop drawing and modify one of the P&IDs to show the instruments. No impact on construction schedule. Impact on Cost - Twenty additional hours for the design consultant. 2. The stormwater sump pump discharge pipe will be rerouted to discharge into to mixed liquor channel rather than into the stormwater system. Should there be a leak or spill from the caustic system, the modification mitigates the risk of these chemicals entering the stormwater system. Impact on Schedule - No impact on design/construction schedule. Impact on Cost - No cost implications.

### Schedule



Red

#### Schedule Variance Comment

In June 2023, South Treatment Plant introduced an additional recycle stream to improve denitrification which significantly reduced the risk of an effluent pH violation and consequently removed the urgency to install the alkalinity feed system. For this reason, the project team agreed to postpone construction of this project from the summer season to Q4 2023 to allow high priority on-call work orders to be completed first. Construction was started in December 2023 and obtained substantial completion in January 2024.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1145319 South Plant Alkalinity Addition WTC NITRO REMOVAL OPTIMIZATION

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/6/2023	5/9/2023	92	2/6/2023	5/9/2023	92	Completed
2 Preliminary Design							N/A
3 Final Design	7/18/2023	8/7/2023	20	7/18/2023	8/7/2023	20	Completed
4 Implementation	8/7/2023	12/29/2023	144	8/7/2023	4/15/2024	252	In Progress
5 Closeout	12/29/2023	4/8/2024	101	4/15/2024	10/8/2024	176	Not Started
6 Acquisition							N/A
Substantial Completion Date	9/29/2023			1/11/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/18/2023	9/29/2023	73	104	142.00%
Current Schedule	7/18/2023	1/11/2024	177		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$238,121	\$0	\$305,041	\$66,920	28.00%
2 Preliminary Design	\$6,905	\$0	\$6,704	(\$201)	-3.00%
3 Final Design	\$238,232	\$0	\$269,368	\$31,136	13.00%
4 Implementation	\$810,165	\$663,566	\$687,703	(\$122,462)	-15.00%
5 Closeout	\$34,938	\$0	\$25,766	(\$9,172)	-26.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,328,361</b>	<b>\$663,566</b>	<b>\$1,294,581</b>	<b>(\$33,780)</b>	<b>-2.54%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125742 500 Kilowatt Sub Breakers STANDALONE

Target Baseline Date	02/23/2021
Actual Baseline Date	05/13/2021
Council District(s)	2, 4, 8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Michael Dadi
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/5/2024 4:18:18 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/2/2015	4/17/2019	Completed	\$9,660	\$9,660	\$9,660
2 Preliminary Design	8/2/2018	2/10/2021	Completed	\$44,712	\$44,712	\$44,712
3 Final Design	1/2/2019	7/29/2021	Completed	\$452,845	\$452,845	\$404,985
4 Implementation	6/1/2020	12/31/2024	In Progress	\$9,767,575	\$8,476,252	\$9,715,082
5 Closeout	1/30/2024	1/16/2025	In Progress	\$49,144	\$0	\$149,498
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$10,323,937	\$8,983,469	\$10,323,937

Current Substantial Completion 12/20/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/2/2015	12/13/2018	\$9,660
2 Preliminary Design	8/2/2018	3/31/2020	\$44,667
3 Final Design	1/2/2019	6/7/2021	\$329,612
4 Implementation	3/1/2021	11/14/2023	\$9,517,608
5 Closeout	11/14/2023	4/30/2024	\$47,942
6 Acquisition			\$0
Total			\$9,949,489

Baseline Substantial Completion 10/13/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125742 500 Kilowatt Sub Breakers STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

500 Kilowatt Sub Breakers: This project will complete the design and specifications for breaker procurement, procure material and equipment, and install new breakers. Replace 500Kw Trolley Substation Breakers and related batteries without electric trolley bus service interruption. Electric Trolley Bus Overhead System wires will remain energized during the breaker replacement work. Currently, 58 breakers have been replaced and commissioned in all 26 substations. Camera installation for maintenance purposes is waiting for L&I's formal approval.

#### Baseline Scope

500 Kilowatt Sub Breakers - This project will complete design and specifications for breaker procurement, procure material and equipment, and install new breakers. Replace (26) 500Kw Trolley Substation Breakers and related batteries without interruption of electric trolley bus service. Electric Trolley Bus Overhead System wires will remain energized during the breaker replacement work.

Schedule  Yellow

### Schedule Variance Comment

The Project's second 2-person crew was cut by Power Distribution in March 2020 at the start of Covid to bus and bus-base sanitation work. As a result, the Project's schedule has been elongated. The project team looked at supplementing the crew with internal FTEs via a hiring process and a consultant Job Order Contract, both of which the team and Power Distribution decided not to implement. Nevertheless, the team has gained substantial experience and can shorten the commissioning work from 7 days per substation to three days. Hence, the Project was able to catch up with the schedule.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/2/2015	12/13/2018	1410	2/2/2015	4/17/2019	1535	Completed
2 Preliminary Design	8/2/2018	3/31/2020	607	8/2/2018	2/10/2021	923	Completed
3 Final Design	1/2/2019	6/7/2021	887	1/2/2019	7/29/2021	939	Completed
4 Implementation	3/1/2021	11/14/2023	988	6/1/2020	12/31/2024	1674	In Progress
5 Closeout	11/14/2023	4/30/2024	168	1/30/2024	1/16/2025	352	In Progress
6 Acquisition							Not Started
Substantial Completion Date	10/13/2023			12/20/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125742 500 Kilowatt Sub Breakers STANDALONE

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/2/2019	10/13/2023	1745	68	3.00%
Current Schedule	1/2/2019	12/20/2023	1813		

Cost  Yellow

### Cost Variance Comment

Additional time will result in additional cost (3%).

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$9,660	\$9,660	\$9,660	\$0	0.00%
2 Preliminary Design	\$44,667	\$44,712	\$44,712	\$45	0.00%
3 Final Design	\$329,612	\$452,845	\$452,845	\$123,233	37.00%
4 Implementation	\$9,517,608	\$8,476,252	\$9,767,575	\$249,967	3.00%
5 Closeout	\$47,942	\$0	\$49,144	\$1,202	3.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$9,949,489	\$8,983,469	\$10,323,937	\$374,448	3.76%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125765 Broad Street Substation Transformer STANDALONE

Target Baseline Date	
Actual Baseline Date	07/14/2023
Council District(s)	2, 4, 8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Randy Poplock
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/16/2024 5:21:33 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/31/2018	9/19/2019	Completed	\$51,197	\$51,197	\$102,393
2 Preliminary Design	9/20/2019	12/14/2021	Completed	\$394,100	\$621,255	\$504,892
3 Final Design	12/15/2021	4/29/2024	In Progress	\$756,330	\$752,247	\$855,230
4 Implementation	4/30/2024	6/30/2026	Not Started	\$7,145,205	\$78,338	\$7,021,957
5 Closeout	7/1/2026	12/31/2026	Not Started	\$38,379	\$0	\$35,283
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$8,385,211	\$1,503,038	\$8,519,754

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/31/2018	9/19/2019	\$51,197
2 Preliminary Design	9/20/2019	12/14/2021	\$394,100
3 Final Design	12/15/2021	8/30/2022	\$756,330
4 Implementation	8/31/2022	6/19/2024	\$7,145,205
5 Closeout	6/20/2024	10/28/2024	\$38,379
6 Acquisition			\$0
Total			\$8,385,211

Baseline Substantial Completion

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1125765 Broad Street Substation Transformer  
STANDALONE

Scope  Gray

Scope Variance Comment

**Current Scope**  
Broad Street Substation Transformer - This project will replace the Broad St. substation's 1500KVA DC Transformers and Rectifiers (switchgear).

**Baseline Scope**  
Broad Street Substation Transformer - This project will replace the Broad St. substation's 1500KVA DC Transformers and Rectifiers (switchgear).

Schedule  Red

**Schedule Variance Comment**  
Permit acquired, team worked through issues w/bid package, corrected construction duration. Building owner (Seattle City Light) declined accepting team's original structural calculations package, causing a re-do process that took approximately one year.

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/31/2018	9/19/2019	323	10/31/2018	9/19/2019	323	Completed
2 Preliminary Design	9/20/2019	12/14/2021	816	9/20/2019	12/14/2021	816	Completed
3 Final Design	12/15/2021	8/30/2022	258	12/15/2021	4/29/2024	866	In Progress
4 Implementation	8/31/2022	6/19/2024	658	4/30/2024	6/30/2026	791	Not Started
5 Closeout	6/20/2024	10/28/2024	130	7/1/2026	12/31/2026	183	Not Started
6 Acquisition							Not Started
Substantial Completion Date	6/12/2024			6/30/2026			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/15/2021	6/12/2024	910	748	82.00%
Current Schedule	12/15/2021	6/30/2026	1658		

Cost  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1125765 Broad Street Substation Transformer STANDALONE

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$51,197	\$51,197	\$51,197	\$0	0.00%
2 Preliminary Design	\$394,100	\$621,255	\$394,100	\$0	0.00%
3 Final Design	\$756,330	\$752,247	\$756,330	\$0	0.00%
4 Implementation	\$7,145,205	\$78,338	\$7,145,205	\$0	0.00%
5 Closeout	\$38,379	\$0	\$38,379	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$8,385,211	\$1,503,038	\$8,385,211	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129634 Atlantic Base Heating, Ventilation and Air Conditioning Replacement STANDALONE

Target Baseline Date	06/09/2020
Actual Baseline Date	05/14/2021
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Ethan Marks
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 3:25:18 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/1/2016	8/15/2018	Completed	\$117,802	\$117,802	\$117,801
2 Preliminary Design	8/9/2018	10/21/2020	Completed	\$1,107,497	\$1,107,497	\$1,100,778
3 Final Design	6/10/2020	11/17/2021	Completed	\$2,449,613	\$2,451,504	\$2,318,371
4 Implementation	12/21/2020	5/14/2025	In Progress	\$24,825,487	\$16,057,967	\$23,711,660
5 Closeout	5/15/2025	11/10/2025	Not Started	\$71,543	\$4,504	\$275,679
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$28,571,942	\$19,739,275	\$27,524,288

Current Substantial Completion 3/14/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/1/2016	8/15/2018	\$202,273
2 Preliminary Design	8/9/2018	6/9/2020	\$1,555,273
3 Final Design	6/10/2020	6/7/2021	\$1,905,457
4 Implementation	4/13/2021	3/2/2022	\$15,557,876
5 Closeout	3/2/2022	8/26/2022	\$626,696
6 Acquisition			\$0
Total			\$19,847,575

Baseline Substantial Completion 11/30/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129634 Atlantic Base Heating, Ventilation and Air Conditioning Replacement STANDALONE

**Scope**  Green

### Scope Variance Comment

TCC changes made due to stakeholder requirement updates.

### Current Scope

This project includes replacement of the Atlantic Base Vehicle Maintenance Building air conditioning and vehicle exhaust system and other central campus HVAC works including HVAC air handlers and vehicle exhaust system in Non-Revenue Vehicle Building; air handlers, exhaust, and ductwork in Tire and Millwright Shop; and air handler units in the Transit Control Center.

### Baseline Scope

Atlantic Base Maintenance Building Heating, Ventilation and Air Conditioning (HVAC) Replacement - This project includes replacement of the Atlantic Base Vehicle Maintenance Building air conditioning and vehicle exhaust system and other central campus HVAC works, including HVAC air handlers and vehicle exhaust system in Non-Revenue Vehicle Building; air handlers, exhaust, and ductwork in Tire and Millwright Shop; and air handler units in Transit Control Center.

**Schedule**  Red

### Schedule Variance Comment

Project is behind schedule due to COVID related re-design at 60%, extended lead times for equipment due to pandemic, scope addition of replacing main switchgear to accommodate updates and replacing equipment at end of life. Supply chain issues are impacting this project almost weekly.

Adding the TCC back into the project has pushed out anticipated completion dates. Per the CDB on 4/27/21 the TCC was going to get re-added to the project when funding became available. Capital Delivery has worked with Capital Planning to add the TCC funding into the CIP proposal with anticipated encumbrment of TCC funds in 12/2022.

Per the CDB decision, the TCC Construction phase has been re-added to the project. TCC had been delayed due to change in stakeholder requirements. In addition due to subcontractor resource issues, and poor performance by the paint booth completion has been delayed on the other buildings. Limited availability and options on Chillers that comply with Washington State Coolant Laws and Buy America has resulted in additional 6+ months of lead time on equipment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129634 Atlantic Base Heating, Ventilation and Air Conditioning Replacement STANDALONE

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/1/2016	8/15/2018	805	6/1/2016	8/15/2018	805	Completed
2 Preliminary Design	8/9/2018	6/9/2020	670	8/9/2018	10/21/2020	804	Completed
3 Final Design	6/10/2020	6/7/2021	362	6/10/2020	11/17/2021	525	Completed
4 Implementation	4/13/2021	3/2/2022	323	12/21/2020	5/14/2025	1605	In Progress
5 Closeout	3/2/2022	8/26/2022	177	5/15/2025	11/10/2025	179	Not Started
6 Acquisition							Not Started
Substantial Completion Date	11/30/2021			3/14/2025			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/10/2020	11/30/2021	538	1200	223.00%
Current Schedule	6/10/2020	3/14/2025	1738		

Cost  Red

### Cost Variance Comment

Per the CDB on 4/27/21 the TCC was going to get re-added to the project when funding became available. Capital Delivery has worked with Capital Planning to add the TCC funding into the CIP proposal. Issues with Paint Booth Performance have created multiple change orders. Change in stakeholder requirements on TCC may impact budget. The delay to the TCC has also changed market conditions.

Additional funding requested as part of 7/11/23 Omnibus.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$202,273	\$117,802	\$117,802	(\$84,471)	-42.00%
2 Preliminary Design	\$1,555,273	\$1,107,497	\$1,107,497	(\$447,776)	-29.00%
3 Final Design	\$1,905,457	\$2,451,504	\$2,449,613	\$544,156	29.00%
4 Implementation	\$15,557,876	\$16,057,967	\$24,825,487	\$9,267,611	60.00%
5 Closeout	\$626,696	\$4,504	\$71,543	(\$555,153)	-89.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$19,847,575</b>	<b>\$19,739,275</b>	<b>\$28,571,942</b>	<b>\$8,724,367</b>	<b>43.96%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132325 Delridge to Burien RapidRide Line (H) STANDALONE

Target Baseline Date	07/24/2019
Actual Baseline Date	07/16/2019
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Randy Poplock
RMP Reporting	No - Risk Scoring Complete
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Speed and Reliability Improvements

Last updated by KC\chaw on 4/16/2024 5:26:17 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/30/2017	11/9/2018	Completed	\$26,330	\$26,330	\$26,330
2 Preliminary Design	6/18/2018	4/18/2019	Completed	\$2,910,965	\$2,910,965	\$2,910,965
3 Final Design	8/30/2017	11/30/2020	Completed	\$6,395,173	\$6,407,495	\$6,394,192
4 Implementation	5/17/2021	9/30/2024	In Progress	\$66,795,872	\$57,926,442	\$66,665,206
5 Closeout	10/1/2024	6/30/2025	Not Started	\$54,015	\$5,917	\$0
6 Acquisition	5/14/2019	9/5/2019	Completed	\$115,432	\$173,442	\$300,113
Total				\$76,297,787	\$67,450,591	\$76,296,806

Current Substantial Completion 12/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/30/2017	11/9/2018	\$566,246
2 Preliminary Design	6/18/2018	4/18/2019	\$879,993
3 Final Design	8/30/2017	3/9/2020	\$6,475,137
4 Implementation	1/5/2020	10/1/2021	\$47,067,741
5 Closeout	10/4/2021	12/30/2021	\$636,441
6 Acquisition	5/14/2019	12/13/2019	\$1,559,866
Total			\$57,185,424

Baseline Substantial Completion 8/11/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132325 Delridge to Burien RapidRide Line (H) STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

RapidRide Burien/H Line - This project extends from the Burien Transit Center to downtown Seattle via Delridge Way. This project would plan, design and implement the necessary infrastructure improvements to launch RapidRide service. These infrastructure projects include passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects, and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.

#### Baseline Scope

RapidRide H Line - This project extends from the Burien Transit Center to downtown Seattle via Delridge Way and would plan, design and implement the necessary infrastructure improvements to launch RapidRide service.

**Schedule**  Red

### Schedule Variance Comment

Contractor Non-Conformance Report (NCR) items continue to be an issue, and numerous punchlist items still unresolved. Contractor claims against KCM process is taking time.

A regional concrete workers strike lasted from late November 2021 to mid-April 2022, which had significant impacts on project schedule. Before that, the project began implementation later than originally estimated. Shelters order took longer to manufacture, and the project did not order technology pylons until later because Omnibus 2 funding had not been approved by Council.



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132325 Delridge to Burien RapidRide Line (H) STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/30/2017	11/9/2018	436	8/30/2017	11/9/2018	436	Completed
2 Preliminary Design	6/18/2018	4/18/2019	304	6/18/2018	4/18/2019	304	Completed
3 Final Design	8/30/2017	3/9/2020	922	8/30/2017	11/30/2020	1188	Completed
4 Implementation	1/5/2020	10/1/2021	635	5/17/2021	9/30/2024	1232	In Progress
5 Closeout	10/4/2021	12/30/2021	87	10/1/2024	6/30/2025	272	Not Started
6 Acquisition	5/14/2019	12/13/2019	213	5/14/2019	9/5/2019	114	Completed
Substantial Completion Date	8/11/2021			12/31/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/30/2017	8/11/2021	1442	872	60.00%
Current Schedule	8/30/2017	12/31/2023	2314		

**Cost**  Red

### Cost Variance Comment

The concrete strike, as well as ongoing negotiations with SDOT re the Delridge portion Kit of Parts and a re-interpretation of taxes on Kit of Parts, all led to increased EAC. The project has requested additional funds for the 2023-24 CIP.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$566,246	\$26,330	\$26,330	(\$539,916)	-95.00%
2 Preliminary Design	\$879,993	\$2,910,965	\$2,910,965	\$2,030,972	231.00%
3 Final Design	\$6,475,137	\$6,407,495	\$6,395,173	(\$79,964)	-1.00%
4 Implementation	\$47,067,741	\$57,926,442	\$66,795,872	\$19,728,131	42.00%
5 Closeout	\$636,441	\$5,917	\$54,015	(\$582,426)	-92.00%
6 Acquisition	\$1,559,866	\$173,442	\$115,432	(\$1,444,434)	-93.00%
<b>Total</b>	<b>\$57,185,424</b>	<b>\$67,450,591</b>	<b>\$76,297,787</b>	<b>\$19,112,363</b>	<b>33.42%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134206 Bus Layover Facility at Eastlake STANDALONE

Target Baseline Date	07/24/2019
Actual Baseline Date	07/16/2019
Council District(s)	4
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Randy Poplock
RMP Reporting	Risk Scoring Required
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Facility Improvements

Last updated by KC\chaw on 4/16/2024 5:30:59 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	11/12/2015	11/2/2017	Completed	\$10,610	\$10,610	\$10,610
2 Preliminary Design	11/2/2017	4/26/2019	Completed	\$1,173,442	\$1,173,442	\$1,173,442
3 Final Design	7/31/2017	8/31/2022	Completed	\$3,838,661	\$3,845,962	\$3,707,827
4 Implementation	9/1/2022	12/31/2024	In Progress	\$20,445,623	\$12,375,532	\$19,355,025
5 Closeout	1/1/2025	6/30/2025	Not Started	\$80,549	\$123	\$1,295,444
6 Acquisition	10/1/2020	9/30/2023	Completed	\$10,000	\$0	\$10,000
Total				\$25,558,885	\$17,405,669	\$25,552,347

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/12/2015	11/2/2017	\$10,610
2 Preliminary Design	11/2/2017	4/26/2019	\$1,173,396
3 Final Design	7/31/2019	7/6/2022	\$3,704,575
4 Implementation	7/7/2022	5/5/2024	\$19,257,746
5 Closeout	5/9/2024	3/3/2025	\$1,402,512
6 Acquisition	6/1/2024	10/2/2024	\$10,000
Total			\$25,558,839

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134206 Bus Layover Facility at Eastlake STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Downtown Seattle Layover Facility - This project is to design and construct an Eastlake site as a long term bus layover facility located along the east side of Eastlake Ave E within Washington State Department of Transportation (WSDOT) right-of-way (ROW), between Harrison street and Roy street. This project includes the following major elements: 1) approximately six 60-foot bus layover parking spaces within WSDOT I-5 ROW; 2) approximately six 60-foot bus layover parking spaces in approximately 740 linear feet of bus layover parking space northbound within Eastlake Ave E ROW; 3) roadway and intersection modifications as necessary to support the efficient operation of the facility, including modification to existing traffic signals at two intersections and installation of a new traffic signal system at one additional intersection; and 4) a comfort station/operations support building for transit operators, first-line supervisors, transit police, facilities maintenance staff, etc., forecast to include four water closets, a service quality office, Metro Transit operator break space, custodial closet, and service quality storage space.

#### Baseline Scope

This project is to design and construct an Eastlake site as a long term bus layover facility located along the east side of Eastlake Ave E within Washington State Department of Transportation (WSDOT) right-of-way. This project includes the following major elements: 1) approximately six 60-foot bus layover parking spaces within WSDOT I-5 ROW; 2) approximately six 60-foot bus layover parking spaces in Eastlake Ave E ROW.

Schedule  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134206 Bus Layover Facility at Eastlake STANDALONE

### Schedule Variance Comment

Note: Substantial completion later than previous because various contractor time claims. Note: This project was re-baselined in June 2022, and the Power BI schedule should be re-set accordingly (sent emails requesting this), using the re-baseline schedule (not the originally-baselined schedule). The project was paused by the Capital Delivery Board back in Q1 of 2021 after the project was fully advertised. The project then resumed Q4 of 2021 which had apparent impacts on schedule as the pause and rebid efforts were never in the baseline schedule. Currently, a contractor has been selected and project construction is underway.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134206 Bus Layover Facility at Eastlake STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/12/2015	11/2/2017	721	11/12/2015	11/2/2017	721	Completed
2 Preliminary Design	11/2/2017	4/26/2019	540	11/2/2017	4/26/2019	540	Completed
3 Final Design	7/31/2019	7/6/2022	1071	7/31/2017	8/31/2022	1857	Completed
4 Implementation	7/7/2022	5/5/2024	668	9/1/2022	12/31/2024	852	In Progress
5 Closeout	5/9/2024	3/3/2025	298	1/1/2025	6/30/2025	180	Not Started
6 Acquisition	6/1/2024	10/2/2024	123	10/1/2020	9/30/2023	1094	Completed
Substantial Completion Date	1/16/2024			7/31/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/31/2019	1/16/2024	1630	927	56.00%
Current Schedule	7/31/2017	7/31/2024	2557		

Cost  Green

### Cost Variance Comment

The cost variance is due to schedule slide as it regards to permits, additional construction management costs, staff and consultant costs to repackage and readvertise/rebid both the construction management consultant and construction contractor, and contingency given the sensitivity of the construction. Additional costs will be realized when bids come in as materials, labor, and inflation have had significant impacts as shown by the construction estimate which was updated prior to rebid.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$10,610	\$10,610	\$10,610	\$0	0.00%
2 Preliminary Design	\$1,173,396	\$1,173,442	\$1,173,442	\$46	0.00%
3 Final Design	\$3,704,575	\$3,845,962	\$3,838,661	\$134,086	4.00%
4 Implementation	\$19,257,746	\$12,375,532	\$20,445,623	\$1,187,877	6.00%
5 Closeout	\$1,402,512	\$123	\$80,549	(\$1,321,963)	-94.00%
6 Acquisition	\$10,000	\$0	\$10,000	\$0	0.00%
<b>Total</b>	<b>\$25,558,839</b>	<b>\$17,405,669</b>	<b>\$25,558,885</b>	<b>\$46</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134223 South Annex Base STANDALONE

Target Baseline Date	
Actual Baseline Date	04/26/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Kourosh Vahdani
RMP Reporting	Risk Scoring Required
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Facility Improvements

Last updated by KC\chaw on 4/17/2024 10:16:29 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/4/2018	4/28/2020	Completed	\$1,800,900	\$1,800,900	\$1,637,783
2 Preliminary Design	2/24/2020	5/31/2023	Completed	\$12,557,890	\$12,654,680	\$11,715,197
3 Final Design	4/26/2023	12/31/2024	In Progress	\$47,987,825	\$10,547,277	\$44,519,027
4 Implementation	1/1/2024	7/26/2028	In Progress	\$327,267,503	\$556,877	\$8,693,626
5 Closeout	9/2/2028	11/19/2029	Not Started	\$47,065,636	\$0	\$1,000,000
6 Acquisition	2/1/2021	2/1/2021	Completed	\$11,450,130	\$11,438,532	\$0
Total				\$448,129,884	\$36,998,266	\$67,565,633

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/4/2018	4/28/2020	\$1,800,900
2 Preliminary Design	2/24/2020	4/25/2023	\$11,918,430
3 Final Design	4/26/2023	9/16/2025	\$48,500,000
4 Implementation	9/17/2025	9/1/2028	\$327,267,503
5 Closeout	9/2/2028	12/31/2028	\$47,063,037
6 Acquisition	2/1/2021	2/1/2021	\$11,450,130
Total			\$448,000,000

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134223 South Annex Base STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

South Annex Base - Construction of a permanent 250 bus transit base on Metro owned property called the South Annex. Transit base will include vehicle maintenance bays (est. 14 bays), steam bay, inspection bay, bus exterior wash bays, bus interior wash bays, bus fueling, underground infrastructure to enable future conversion to battery electric bus operation, operator spaces (break, locker, restroom, dispatch, chief, superintendent), and miscellaneous other business functions required for base operations.

#### Baseline Scope

South Annex Base - Construction of a permanent 250 bus transit base on Metro owned property called the South Annex. Transit base will include vehicle maintenance bays (est. 14 bays), steam bay, inspection bay, bus exterior wash bays, bus interior wash bays, bus fueling, underground infrastructure to enable future conversion to battery electric bus operation, operator spaces (break, locker, restroom, dispatch, chief, superintendent), and miscellaneous other business functions required for base operations.

Schedule  Red

### Schedule Variance Comment

The baseline implementation phase schedule did not accurately account for, 1) Switchgear lead time (adding 490 days), 2) Special soil condition mitigation (adding 365 days), and 3) Construction work restrictions (fish, paving windows). The current schedule has been reviewed and agreed to by all interested parties.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/4/2018	4/28/2020	694	6/4/2018	4/28/2020	694	Completed
2 Preliminary Design	2/24/2020	4/25/2023	1156	2/24/2020	5/31/2023	1192	Completed
3 Final Design	4/26/2023	9/16/2025	874	4/26/2023	12/31/2024	615	In Progress
4 Implementation	9/17/2025	9/1/2028	1080	1/1/2024	7/26/2028	1668	In Progress
5 Closeout	9/2/2028	12/31/2028	120	9/2/2028	11/19/2029	443	Not Started
6 Acquisition	2/1/2021	2/1/2021	0	2/1/2021	2/1/2021	0	Completed
Substantial Completion Date	4/2/2027			7/28/2028			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134223 South Annex Base STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/26/2023	4/2/2027	1437	483	33.00%
Current Schedule	4/26/2023	7/28/2028	1920		

Cost  Yellow

### Cost Variance Comment

Design Consultant Contract E00661E20 Value changed per amendment #8 to complete the cost reduction activities.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$1,800,900	\$1,800,900	\$1,800,900	\$0	0.00%
2 Preliminary Design	\$11,918,430	\$12,654,680	\$12,557,890	\$639,460	5.00%
3 Final Design	\$48,500,000	\$10,547,277	\$47,987,825	(\$512,175)	-1.00%
4 Implementation	\$327,267,503	\$556,877	\$327,267,503	\$0	0.00%
5 Closeout	\$47,063,037	\$0	\$47,065,636	\$2,599	0.00%
6 Acquisition	\$11,450,130	\$11,438,532	\$11,450,130	\$0	0.00%
Total	\$448,000,000	\$36,998,266	\$448,129,884	\$129,884	0.03%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134232 3d Avenue Corridor Improvements STANDALONE

Target Baseline Date	
Actual Baseline Date	04/04/2024
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Kowalski, Ian
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Passenger Infrastructure

Last updated by KC\chaw on 4/16/2024 4:35:47 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2021	3/14/2023	Completed	\$0	\$0	\$0
2 Preliminary Design	1/4/2021	2/27/2024	Completed	\$497,356	\$671,966	\$207,219
3 Final Design	4/24/2023	7/5/2024	In Progress	\$600,373	\$130,693	\$828,554
4 Implementation	7/1/2024	2/5/2025	Not Started	\$2,278,354	\$0	\$2,636,558
5 Closeout	2/6/2025	8/5/2026	Not Started	\$382,065	\$337	\$85,818
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,758,148	\$802,996	\$3,758,148

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2021	3/14/2023	\$0
2 Preliminary Design	1/4/2021	2/27/2024	\$497,356
3 Final Design	4/24/2023	6/12/2024	\$600,373
4 Implementation	6/13/2024	12/19/2024	\$2,278,354
5 Closeout	12/19/2024	7/11/2025	\$382,065
6 Acquisition			\$0
Total			\$3,758,148

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134232 3d Avenue Corridor Improvements STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

3rd Avenue Yesler Way to Main - This project will complete transit, sidewalk, and pedestrian enhancements along 3rd Avenue, between Yesler Way and S Main St., serving heavy transit movements (primarily southbound trips) through this segment of 3rd Avenue. The project will prioritize funding towards designing and constructing improvements to existing Metro bus stop #515, southbound 3rd Avenue and Main St. For this bus stop, improvements may include a widened sidewalk along the west side of 3rd Avenue between S Washington St. and S Main St., new/additional passenger amenities at the bus stop, concrete bus panels in the roadway throughout the extent of the bus stop, other pedestrian enhancements including lighting, sidewalk amenities and wayfinding. The project will also convert this section of 3rd Avenue S to one-way southbound to preserve two southbound travel lanes and maintain transit speed and reliability. Funding may also be used for other improvements supporting access to transit in the general project vicinity. This project will be the last improvement delivered as part of a larger, long-standing program of Federal Transit Authority (FTA) grant funded improvements formerly known as the 3rd Avenue Transit Corridor Improvement and RapidRide Facilities project (1116745).

#### Baseline Scope

3rd Avenue Yesler Way to Main - This project will complete transit, sidewalk, and pedestrian enhancements along 3rd Avenue, between Yesler Way and S Main St., serving heavy transit movements (primarily southbound trips) through this segment of 3rd Avenue. The project will prioritize funding towards designing and constructing improvements to existing Metro bus stop #515, southbound 3rd Avenue and Main St. For this bus stop, improvements may include a widened sidewalk along the west side of 3rd Avenue between S Washington St. and S Main St., new/additional passenger amenities at the bus stop, concrete bus panels in the roadway throughout the extent of the bus stop, other pedestrian enhancements including lighting, sidewalk amenities and wayfinding. The project will also convert this section of 3rd Avenue S to one-way southbound to preserve two southbound travel lanes and maintain transit speed and reliability. Funding may also be used for other improvements supporting access to transit in the general project vicinity. This project will be the last improvement delivered as part of a larger, long-standing program of Federal Transit Authority (FTA) grant funded improvements formerly known as the 3rd Avenue Transit Corridor Improvement and RapidRide Facilities project (1116745).

Schedule  Yellow

### Schedule Variance Comment

Project has experienced some schedule variance since Baseline. SDOT's construction contract award date slipped by <1 month due to delays in interdepartmental review of final bid documents. As of 4/16/24, SDOT is evaluating contractor bids and Notice to Proceed is anticipated 6/28/24.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134232 3d Avenue Corridor Improvements STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2021	3/14/2023	802	1/1/2021	3/14/2023	802	Completed
2 Preliminary Design	1/4/2021	2/27/2024	1149	1/4/2021	2/27/2024	1149	Completed
3 Final Design	4/24/2023	6/12/2024	415	4/24/2023	7/5/2024	438	In Progress
4 Implementation	6/13/2024	12/19/2024	189	7/1/2024	2/5/2025	219	Not Started
5 Closeout	12/19/2024	7/11/2025	204	2/6/2025	8/5/2026	545	Not Started
6 Acquisition							Not Started
Substantial Completion Date	9/27/2024			10/15/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/24/2023	9/27/2024	522	18	3.00%
Current Schedule	4/24/2023	10/15/2024	540		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$497,356	\$671,966	\$497,356	\$0	0.00%
3 Final Design	\$600,373	\$130,693	\$600,373	\$0	0.00%
4 Implementation	\$2,278,354	\$0	\$2,278,354	\$0	0.00%
5 Closeout	\$382,065	\$337	\$382,065	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$3,758,148</b>	<b>\$802,996</b>	<b>\$3,758,148</b>	<b>\$0</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134237 Auburn to Renton RapidRide Line (I) STANDALONE

Target Baseline Date	
Actual Baseline Date	04/13/2022
Council District(s)	5, 7
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Janine Robinson
RMP Reporting	Risk Scoring Required
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Speed and Reliability Improvements

Last updated by KC\chaw on 4/22/2024 3:26:42 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2019	8/16/2020	Completed	\$9,847	\$9,847	\$91,620
2 Preliminary Design	3/6/2019	6/10/2021	Completed	\$10,532,969	\$10,532,969	\$11,303,974
3 Final Design	6/11/2021	4/29/2025	In Progress	\$25,694,654	\$17,458,027	\$17,419,347
4 Implementation	2/6/2025	9/16/2027	Not Started	\$124,592,357	\$1,489,225	\$105,196,844
5 Closeout	9/17/2027	1/8/2029	Not Started	\$179,495	\$2,859	\$137,331
6 Acquisition	11/9/2020	9/23/2026	In Progress	\$13,141,405	\$202,674	\$15,759,409
Total				\$174,150,727	\$29,695,600	\$149,908,525

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2019	8/16/2020	\$9,352
2 Preliminary Design	3/6/2019	2/23/2021	\$10,712,949
3 Final Design	2/23/2021	9/25/2023	\$14,639,593
4 Implementation	9/25/2023	5/1/2025	\$76,182,518
5 Closeout	5/1/2025	12/31/2025	\$257,577
6 Acquisition	11/9/2020	10/5/2022	\$16,337,119
Total			\$118,139,107

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134237 Auburn to Renton RapidRide Line (I) STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

RapidRide Auburn Transit Center to Renton Transit Center/I Line - This project will plan, design and implement the necessary infrastructure improvements to launch RapidRide (RR) service from the Auburn Transit Center to the Renton Transit Center. This infrastructure project includes passenger facilities, roadway, signal and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects and necessary communication and technology efforts to support the service. The scope also includes the associated costs for public outreach and marketing. This budget does not include vehicles.

#### Baseline Scope

Auburn Transit Center to Renton Transit Center RapidRide - This project will plan, design, and implement the necessary infrastructure improvements to launch RapidRide service from the Auburn Transit Center to the Renton Transit Center. These infrastructure projects include passenger facilities, roadway, signal, and intelligent transportation system (ITS) improvements which result in better transit speed and reliability, access to transit projects - which reduce barriers for people to reach transit - and necessary communication and technology efforts to support the service. This budget also includes the associated costs for public outreach and marketing. This budget does not include vehicles.

Schedule  Red

### Schedule Variance Comment

Partner agency/jurisdiction review times and coordination on jurisdictions' revision requests are impacting the schedule. Schedule analysis is ongoing particularly due to the extent of jurisdictional review times. An in-depth risk analysis conducted by FTA in September 2023 resulted in FTA recommending a revenue service date of September 2027 - one year later than currently planned. The project team is working towards delivering the project sooner than FTA's recommended date, but the schedule contingency is reflected in the Implementation phase.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134237 Auburn to Renton RapidRide Line (I) STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2019	8/16/2020	592	1/2/2019	8/16/2020	592	Completed
2 Preliminary Design	3/6/2019	2/23/2021	720	3/6/2019	6/10/2021	827	Completed
3 Final Design	2/23/2021	9/25/2023	944	6/11/2021	4/29/2025	1418	In Progress
4 Implementation	9/25/2023	5/1/2025	584	2/6/2025	9/16/2027	952	Not Started
5 Closeout	5/1/2025	12/31/2025	244	9/17/2027	1/8/2029	479	Not Started
6 Acquisition	11/9/2020	10/5/2022	695	11/9/2020	9/23/2026	2144	In Progress
Substantial Completion Date	3/17/2025			6/22/2026			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/23/2021	3/17/2025	1483	354	23.00%
Current Schedule	6/11/2021	6/22/2026	1837		

**Cost**  Red

### Cost Variance Comment

Cost increases are attributed to a number of items, including: additional station amenities requested by FTA, additional relocation of utilities related to minor design changes, property management costs including removal of contaminated material and the lease of a storage facility for interim storage of kit of parts, and other minor scope changes such as additional curb ramps and sidewalk. Schedule related cost increases include jurisdictional permitting delays, additional budget for project management staff and increases to account for inflation and risk management (unallocated contingency). FTA conducted a risk analysis in September 2023 and required an additional \$8M be added to project contingency.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134237 Auburn to Renton RapidRide Line (I) STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$9,352	\$9,847	\$9,847	\$495	5.00%
2 Preliminary Design	\$10,712,949	\$10,532,969	\$10,532,969	(\$179,980)	-2.00%
3 Final Design	\$14,639,593	\$17,458,027	\$25,694,654	\$11,055,061	76.00%
4 Implementation	\$76,182,518	\$1,489,225	\$124,592,357	\$48,409,839	64.00%
5 Closeout	\$257,577	\$2,859	\$179,495	(\$78,082)	-30.00%
6 Acquisition	\$16,337,119	\$202,674	\$13,141,405	(\$3,195,714)	-20.00%
Total	\$118,139,107	\$29,695,600	\$174,150,727	\$56,011,620	47.41%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134240 Atlantic Base Yard Refurbishment STANDALONE

Target Baseline Date	
Actual Baseline Date	04/14/2022
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Brian Berard
RMP Reporting	Risk Scoring Required
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/17/2024 10:21:34 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/11/2019	12/21/2020	Completed	\$576,379	\$576,778	\$576,379
2 Preliminary Design	8/20/2019	4/26/2022	Completed	\$3,729,577	\$3,729,577	\$3,729,577
3 Final Design	4/7/2022	4/24/2024	In Progress	\$6,282,134	\$5,877,405	\$6,282,134
4 Implementation	5/20/2023	11/3/2027	In Progress	\$54,717,116	\$1,623	\$54,717,116
5 Closeout	11/4/2027	3/31/2028	Not Started	\$2,394,794	\$0	\$2,394,794
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$67,700,000	\$10,185,382	\$67,700,001

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/11/2019	5/12/2020	\$573,816
2 Preliminary Design	8/20/2019	4/12/2022	\$4,389,372
3 Final Design	4/13/2022	1/9/2024	\$6,283,858
4 Implementation	4/21/2023	3/27/2026	\$47,788,616
5 Closeout	3/30/2026	8/18/2026	\$1,944,709
6 Acquisition			\$0
Total			\$60,980,371

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134240 Atlantic Base Yard Refurbishment STANDALONE

**Scope**  Green

### Scope Variance Comment

No change in scope.

### Current Scope

The project scope includes replacement or refurbishment of end of service life, major base yard infrastructure including concrete paving, yard lighting system, overhead contact system, electrical, communication and storm water utilities in addition to the underground storage tanks and industrial waste sewer system at the Atlantic Base Trolley Yard.

### Baseline Scope

Atlantic Base Yard Refurbishment - This project involves yard and infrastructure replacement for the Atlantic Base Yard including replacement of site lighting poles and fixtures, domestic water distribution system, fire water system and hydrants, and concrete panels (pavement).

**Schedule**  Red

### Schedule Variance Comment

Final Design delays in completing 100% set. (MACC) Maximum Allowable Construction Cost Negotiations are in process anticipate May signing contract with the GCCM. Phase 4 - Implementation completion from the original baseline of 12/19/25 date remains at 11/3/27 for substatial completion. Metro is working with the Design Team and the GCCM with bus operations to allow for three phases of construction to improve the completion date. This effort is in process. Onsite mobilization and start of construction is scheduled for October 2024.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134240 Atlantic Base Yard Refurbishment STANDALONE

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/11/2019	5/12/2020	428	3/11/2019	12/21/2020	651	Completed
2 Preliminary Design	8/20/2019	4/12/2022	966	8/20/2019	4/26/2022	980	Completed
3 Final Design	4/13/2022	1/9/2024	636	4/7/2022	4/24/2024	748	In Progress
4 Implementation	4/21/2023	3/27/2026	1071	5/20/2023	11/3/2027	1628	In Progress
5 Closeout	3/30/2026	8/18/2026	141	11/4/2027	3/31/2028	148	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/27/2025			11/3/2027			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/13/2022	8/27/2025	1232	804	65.00%
Current Schedule	4/7/2022	11/3/2027	2036		

Cost  Yellow

### Cost Variance Comment

Final contractor pricing has not been determined. Contractor has submitted their 90% phase cost estimate was above the budget. Efforts have been made to reduce the number of phases and make value adjustments in the design scope. Reconciliation is in process with the 100% design phase is in process. The design package is bring reviewed for possible value engineering to relieve the overage. Final estimating is due from the GCCM April and May 2024 will work to set the (MACC) Maximum Allowable Construction Cost.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$573,816	\$576,778	\$576,379	\$2,563	0.00%
2 Preliminary Design	\$4,389,372	\$3,729,577	\$3,729,577	(\$659,795)	-15.00%
3 Final Design	\$6,283,858	\$5,877,405	\$6,282,134	(\$1,724)	0.00%
4 Implementation	\$47,788,616	\$1,623	\$54,717,116	\$6,928,500	14.00%
5 Closeout	\$1,944,709	\$0	\$2,394,794	\$450,085	23.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$60,980,371</b>	<b>\$10,185,382</b>	<b>\$67,700,000</b>	<b>\$6,719,629</b>	<b>11.02%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134243 South Facilities Maintenance HVAC Replacement STANDALONE

Target Baseline Date	
Actual Baseline Date	04/28/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Brian Berard
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/17/2024 10:41:31 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/1/2018	2/23/2021	Completed	\$125,924	\$126,519	\$125,924
2 Preliminary Design	9/15/2019	6/15/2022	Completed	\$357,437	\$398,973	\$409,413
3 Final Design	5/4/2022	12/15/2023	Completed	\$2,535,698	\$1,324,347	\$2,441,417
4 Implementation	12/15/2023	12/21/2024	In Progress	\$11,257,100	\$509,252	\$11,299,911
5 Closeout	12/21/2024	6/29/2025	Not Started	\$178,177	\$0	\$177,683
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$14,454,336	\$2,359,092	\$14,454,347

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/1/2018	2/23/2021	\$125,924
2 Preliminary Design	9/15/2019	6/15/2022	\$357,437
3 Final Design	5/4/2022	12/15/2023	\$2,535,698
4 Implementation	12/15/2023	10/31/2024	\$11,257,100
5 Closeout	11/1/2024	5/27/2025	\$178,177
6 Acquisition			\$0
Total			\$14,454,336

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134243 South Facilities Maintenance HVAC Replacement STANDALONE

Scope  Gray

### Scope Variance Comment

### Current Scope

South Facilities Maintenance HVAC Replacement - This project will support the replacement of the South Facilities major HVAC Systems, Air Handlers and Dust Collection Systems.

### Baseline Scope

South Facilities Maintenance HVAC Replacement - This project will support the replacement of the South facilities Air Handlers and Dust Collection Systems.

Schedule  Yellow

### Schedule Variance Comment

Schedule is projecting to be later due to delayed permit issuance by City of Tukwila and extended purchase of some equipment supply chain issues. This coupled with the determination that the office areas need full relocation to temporary spaces to maintain transit facilities operations. Contractor is working on mitigating these impacts as best as is possible.

Current schedule projection from the contractor indicates substantial completion will be late and occur more towards March 2025.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	10/1/2018	2/23/2021	876	10/1/2018	2/23/2021	876	Completed
2 Preliminary Design	9/15/2019	6/15/2022	1004	9/15/2019	6/15/2022	1004	Completed
3 Final Design	5/4/2022	12/15/2023	590	5/4/2022	12/15/2023	590	Completed
4 Implementation	12/15/2023	10/31/2024	321	12/15/2023	12/21/2024	372	In Progress
5 Closeout	11/1/2024	5/27/2025	207	12/21/2024	6/29/2025	190	Not Started
6 Acquisition							Not Started
Substantial Completion Date	9/4/2024			12/21/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/4/2022	9/4/2024	854	108	12.00%
Current Schedule	5/4/2022	12/21/2024	962		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134243 South Facilities Maintenance HVAC Replacement STANDALONE

Cost  Green

**Cost Variance Comment**  
No cost changes.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$125,924	\$126,519	\$125,924	\$0	0.00%
2 Preliminary Design	\$357,437	\$398,973	\$357,437	\$0	0.00%
3 Final Design	\$2,535,698	\$1,324,347	\$2,535,698	\$0	0.00%
4 Implementation	\$11,257,100	\$509,252	\$11,257,100	\$0	0.00%
5 Closeout	\$178,177	\$0	\$178,177	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$14,454,336	\$2,359,092	\$14,454,336	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134247 Wash and Vacuum Systems Replacement at Central Base STANDALONE

Target Baseline Date	
Actual Baseline Date	04/28/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Michael Dadi
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/8/2024 9:20:45 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/1/2019	7/14/2020	Completed	\$201,650	\$201,650	\$369,520
2 Preliminary Design	7/14/2022	9/13/2022	Completed	\$280,137	\$280,137	\$292,098
3 Final Design	7/26/2022	4/24/2023	Completed	\$531,320	\$512,046	\$219,056
4 Implementation	4/12/2023	5/21/2024	In Progress	\$1,180,893	\$990,533	\$1,191,236
5 Closeout	2/1/2024	7/24/2024	In Progress	\$106,881	\$4,287	\$228,972
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$2,300,881	\$1,988,654	\$2,300,881

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/1/2019	7/14/2020	\$201,650
2 Preliminary Design	7/14/2022	9/13/2022	\$258,567
3 Final Design	9/26/2022	3/15/2023	\$397,754
4 Implementation	3/16/2023	9/1/2023	\$1,245,690
5 Closeout	9/5/2023	12/29/2023	\$197,221
6 Acquisition			\$0
Total			\$2,300,882

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134247 Wash and Vacuum Systems Replacement at Central Base STANDALONE

Scope  Gray

### Scope Variance Comment

### Current Scope

Central Base Wash Vacuum Replacement: This project will support the bus cleaning operation by replacing the old cyclone cleaning system with a Centralized vacuum system and related electrical equipment. The project has completed the centralized vacuum system and electrical panel replacement work. It is now at the closeout phase, working on the closeout phase tasks.

### Baseline Scope

Central Base Wash and Vacuum Replacement - This project will support the replacement of the Central Base vacuum system and related electrical equipment.

Schedule  Red

### Schedule Variance Comment

The leading cause of the schedule delay was linked to the project pause for six and half months during the COVID-19 pandemic.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/1/2019	7/14/2020	348	8/1/2019	7/14/2020	348	Completed
2 Preliminary Design	7/14/2022	9/13/2022	61	7/14/2022	9/13/2022	61	Completed
3 Final Design	9/26/2022	3/15/2023	170	7/26/2022	4/24/2023	272	Completed
4 Implementation	3/16/2023	9/1/2023	169	4/12/2023	5/21/2024	405	In Progress
5 Closeout	9/5/2023	12/29/2023	115	2/1/2024	7/24/2024	174	In Progress
6 Acquisition							Not Started
Substantial Completion Date	6/1/2023			8/30/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/26/2022	6/1/2023	248	152	61.00%
Current Schedule	7/26/2022	8/30/2023	400		

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1134247 Wash and Vacuum Systems Replacement at Central Base  
STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$201,650	\$201,650	\$201,650	\$0	0.00%
2 Preliminary Design	\$258,567	\$280,137	\$280,137	\$21,570	8.00%
3 Final Design	\$397,754	\$512,046	\$531,320	\$133,566	34.00%
4 Implementation	\$1,245,690	\$990,533	\$1,180,893	(\$64,797)	-5.00%
5 Closeout	\$197,221	\$4,287	\$106,881	(\$90,340)	-46.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,300,882	\$1,988,654	\$2,300,881	(\$1)	0.00%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134257 Underground Storage Tank Replacement at East Base STANDALONE

Target Baseline Date	10/26/2021
Actual Baseline Date	10/28/2021
Council District(s)	6
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Marks, Ethan
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 3:45:03 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2019	11/21/2019	Completed	\$156,229	\$156,229	\$51,824
2 Preliminary Design	11/22/2019	10/26/2021	Completed	\$439,559	\$439,559	\$399,803
3 Final Design	10/27/2021	10/11/2024	In Progress	\$772,868	\$1,121,635	\$761,590
4 Implementation	7/2/2024	3/12/2026	Not Started	\$1,335,511	\$77,993	\$2,366,951
5 Closeout	3/13/2026	9/16/2026	Not Started	\$527,029	\$0	\$152,498
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,231,196	\$1,795,416	\$3,732,666

Current Substantial Completion 11/10/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2019	11/21/2019	\$156,222
2 Preliminary Design	11/22/2019	10/26/2021	\$422,694
3 Final Design	10/27/2021	7/1/2024	\$813,580
4 Implementation	7/2/2024	11/24/2025	\$1,335,511
5 Closeout	11/25/2025	6/4/2026	\$503,188
6 Acquisition			\$0
Total			\$3,231,195

Baseline Substantial Completion 7/30/2025

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134257 Underground Storage Tank Replacement at East Base STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

To minimize operational disruption at transit bases, address risk of aging fuel storage infrastructure and align current fuel storage demands with zero emission fleet conversion no later than 2040, a two-part capital project for USTs at King County Metro Transit – East Base is recommended.

1. Clean and inspect fuel USTs (Gasoline and Diesel) to assess whether tanks can be repaired/upgraded for extended useful life or must be removed due to age.
2. Transfer all non-fuel fluids (Waste Oil, Engine Oil, Automatic Transmission Fluid, and Coolant) from USTs to ASTs. All non-fuels would be stored in ASTs at both the Fuel & Wash and Maintenance Buildings, in order to end all transfer of fluid via the utilidor.

#### Baseline Scope

To minimize operational disruption at transit bases, address risk of aging fuel storage infrastructure and align current fuel storage demands with zero emission fleet conversion no later than 2040, a two-part capital project for USTs at King County Metro Transit – East Base is recommended.

1. Clean and inspect fuel USTs (Gasoline and Diesel) to assess whether tanks can be repaired/upgraded for extended useful life or must be removed due to age.
2. Transfer all non-fuel fluids (Waste Oil, Engine Oil, Automatic Transmission Fluid, and Coolant) from USTs to ASTs. All non-fuels would be stored in ASTs at both the Fuel & Wash and Maintenance Buildings, in order to end all transfer of fluid via the utilidor.

Schedule  Yellow

### Schedule Variance Comment

Project is Best Effort. Resourcing is impacting design scheduling.  
CPMT is under review after being significantly out of date due to lack of resourcing.  
Construction Contract Procurement returned 0 Bids - reviewing for re-procurement.  
Construction Contract failed procurement. Re-bidding is in progress.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2019	11/21/2019	324	1/1/2019	11/21/2019	324	Completed
2 Preliminary Design	11/22/2019	10/26/2021	704	11/22/2019	10/26/2021	704	Completed
3 Final Design	10/27/2021	7/1/2024	978	10/27/2021	10/11/2024	1080	In Progress
4 Implementation	7/2/2024	11/24/2025	510	7/2/2024	3/12/2026	618	Not Started
5 Closeout	11/25/2025	6/4/2026	191	3/13/2026	9/16/2026	187	Not Started
6 Acquisition							Not Started
Substantial Completion Date	7/30/2025			11/10/2025			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134257 Underground Storage Tank Replacement at East Base STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/27/2021	7/30/2025	1372	103	7.00%
Current Schedule	10/27/2021	11/10/2025	1475		

Cost  Green

### Cost Variance Comment

Inflation will likely affect EAC.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$156,222	\$156,229	\$156,229	\$7	0.00%
2 Preliminary Design	\$422,694	\$439,559	\$439,559	\$16,865	4.00%
3 Final Design	\$813,580	\$1,121,635	\$772,868	(\$40,712)	-5.00%
4 Implementation	\$1,335,511	\$77,993	\$1,335,511	\$0	0.00%
5 Closeout	\$503,188	\$0	\$527,029	\$23,841	5.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,231,195	\$1,795,416	\$3,231,196	\$1	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134261 Building Management Systems Replacement STANDALONE

Target Baseline Date	
Actual Baseline Date	11/07/2022
Council District(s)	1, 6, 8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	St John, Penelope
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/17/2024 10:47:12 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/1/2019	7/9/2021	Completed	\$278,308	\$282,637	\$275,461
2 Preliminary Design	7/15/2020	10/25/2022	Completed	\$301,579	\$302,502	\$271,189
3 Final Design	10/26/2022	2/8/2023	Completed	\$155,514	\$5,230	\$138,801
4 Implementation	2/8/2023	12/8/2023	Completed	\$2,439,310	\$4,675	\$2,499,015
5 Closeout	11/22/2023	6/10/2024	In Progress	\$138,716	\$6,071	\$128,965
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,313,427	\$601,114	\$3,313,431

Current Substantial Completion 10/24/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/1/2019	7/9/2021	\$278,308
2 Preliminary Design	7/15/2020	10/25/2022	\$301,579
3 Final Design	10/26/2022	2/8/2023	\$155,514
4 Implementation	2/8/2023	12/8/2023	\$2,439,310
5 Closeout	11/22/2023	6/10/2024	\$138,716
6 Acquisition			\$0
Total			\$3,313,427

Baseline Substantial Completion 10/24/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134261 Building Management Systems Replacement STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

Building Management Systems Replacement - This project will replace the building management system control and monitoring components at up to five locations. It is assumed these locations may be Bellevue Base, Power Distribution HQ, North Facilities, Van Distribution Center, and Information Distribution Warehouse.

#### Baseline Scope

Building Management Systems Replacement - This project will replace the building management system control and monitoring components at up to five locations. It is assumed these locations may be Bellevue Base, Power Distribution HQ, North Facilities, Van Distribution Center, and Information Distribution Warehouse.

Schedule  Red

### Schedule Variance Comment


Specifications needed for procurement editing by the consultant and review by Metro's construction management.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/1/2019	7/9/2021	739	7/1/2019	7/9/2021	739	Completed
2 Preliminary Design	7/15/2020	10/25/2022	832	7/15/2020	10/25/2022	832	Completed
3 Final Design	10/26/2022	2/8/2023	105	10/26/2022	2/8/2023	105	Completed
4 Implementation	2/8/2023	12/8/2023	303	2/8/2023	12/8/2023	303	Completed
5 Closeout	11/22/2023	6/10/2024	201	11/22/2023	6/10/2024	201	In Progress
6 Acquisition							Not Started
Substantial Completion Date	10/24/2023			10/24/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/26/2022	10/24/2023	363	366	100.00%
Current Schedule	10/26/2022	10/24/2024	729		

Cost  Green

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134261 Building Management Systems Replacement STANDALONE

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$278,308	\$282,637	\$278,308	\$0	0.00%
2 Preliminary Design	\$301,579	\$302,502	\$301,579	\$0	0.00%
3 Final Design	\$155,514	\$5,230	\$155,514	\$0	0.00%
4 Implementation	\$2,439,310	\$4,675	\$2,439,310	\$0	0.00%
5 Closeout	\$138,716	\$6,071	\$138,716	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,313,427	\$601,114	\$3,313,427	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134262 Replacement of Yard Light at East Base STANDALONE

Target Baseline Date	
Actual Baseline Date	08/12/2022
Council District(s)	1, 6, 8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Ethan Marks
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 4:01:16 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2019	8/9/2019	Completed	\$123,623	\$123,623	\$123,623
2 Preliminary Design	8/12/2019	12/3/2020	Completed	\$1,019,358	\$1,019,358	\$1,526,607
3 Final Design	5/28/2020	1/17/2023	Completed	\$98,203	\$101,633	\$380,168
4 Implementation	1/29/2021	8/1/2024	In Progress	\$2,518,302	\$1,769,180	\$2,007,644
5 Closeout	8/2/2024	1/10/2025	Not Started	\$525,471	\$8,534	\$246,916
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$4,284,957	\$3,022,327	\$4,284,958

Current Substantial Completion 8/18/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2019	8/9/2019	\$123,623
2 Preliminary Design	8/12/2019	6/23/2020	\$1,018,609
3 Final Design	6/24/2020	9/28/2022	\$267,486
4 Implementation	9/29/2022	8/31/2023	\$2,565,830
5 Closeout	9/1/2023	2/13/2024	\$309,411
6 Acquisition			\$0
Total			\$4,284,959

Baseline Substantial Completion 5/8/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134262 Replacement of Yard Light at East Base STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

Yard Light Replacement - This project will initiate a feasibility and alternatives analysis to determine optimal methods to achieve required lighting levels and then move forward to systematically replace and augment existing fixtures with means to achieve the minimum required lighting levels at Metro facilities.

#### Baseline Scope

Yard Light Replacement - This project will initiate a feasibility and alternatives analysis to determine optimal methods to achieve required lighting levels and then move forward to systematically replace and augment existing fixtures with means to achieve the minimum required lighting levels at Metro facilities.

Schedule  Yellow

### Schedule Variance Comment

City of Bellevue Permitting delays have impacted the project.  
DES Processing Delays and Div 00 Negotiations have delayed NTP.  
CPMT is under review after being significantly out of date due to lack of resourcing.  
Critical Area Plantings did not survive, contractor to replace under warranty. 90 days performance period on plants will extend the final completion date.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2019	8/9/2019	219	1/2/2019	8/9/2019	219	Completed
2 Preliminary Design	8/12/2019	6/23/2020	316	8/12/2019	12/3/2020	479	Completed
3 Final Design	6/24/2020	9/28/2022	826	5/28/2020	1/17/2023	964	Completed
4 Implementation	9/29/2022	8/31/2023	336	1/29/2021	8/1/2024	1280	In Progress
5 Closeout	9/1/2023	2/13/2024	165	8/2/2024	1/10/2025	161	Not Started
6 Acquisition							Not Started
Substantial Completion Date	5/8/2023			8/18/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/24/2020	5/8/2023	1048	129	12.00%
Current Schedule	5/28/2020	8/18/2023	1177		



Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1134262 Replacement of Yard Light at East Base  
STANDALONE

Cost ● Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$123,623	\$123,623	\$123,623	\$0	0.00%
2 Preliminary Design	\$1,018,609	\$1,019,358	\$1,019,358	\$749	0.00%
3 Final Design	\$267,486	\$101,633	\$98,203	(\$169,283)	-63.00%
4 Implementation	\$2,565,830	\$1,769,180	\$2,518,302	(\$47,528)	-2.00%
5 Closeout	\$309,411	\$8,534	\$525,471	\$216,060	70.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$4,284,959	\$3,022,327	\$4,284,957	(\$2)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134277 Non-Revenue Vehicle Battery Infrastructure TDC EV CHRNGNG PRG BUD

Target Baseline Date	02/23/2021
Actual Baseline Date	07/23/2021
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Michael Dadi
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Zero Emissions Infrastructure

Last updated by KC\chaw on 4/8/2024 10:56:36 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/1/2019	2/4/2020	Completed	\$111,223	\$111,223	\$0
2 Preliminary Design	7/2/2019	5/31/2021	Completed	\$489,133	\$489,133	\$0
3 Final Design	7/15/2020	5/25/2022	Completed	\$554,957	\$554,957	\$0
4 Implementation	10/12/2021	4/26/2024	In Progress	\$1,324,407	\$1,225,203	\$0
5 Closeout	3/1/2024	9/20/2024	In Progress	\$208,316	\$1,348	\$0
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$2,688,036	\$2,381,864	\$0

Current Substantial Completion 3/11/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/1/2019	2/4/2020	\$110,753
2 Preliminary Design	2/5/2020	3/29/2021	\$251,849
3 Final Design	3/9/2021	10/7/2021	\$194,950
4 Implementation	5/11/2021	2/14/2022	\$1,749,695
5 Closeout	2/15/2022	8/5/2022	\$326,944
6 Acquisition			\$0
Total			\$2,634,191

Baseline Substantial Completion 1/10/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134277 Non-Revenue Vehicle Battery Infrastructure TDC EV CHRNG PRG BUD

Scope  Green

### Scope Variance Comment

#### Current Scope

TDC NRV BATTERY INFRA PROJECT: This project aims to build Non-Revenue Vehicles (NRV) battery charging infrastructure to support the electrification of Metro's light-duty fleet at the NRV repair facility, Central/Atlantic Bases, Central garage, North Base, and East Base facilities of King County Metro. The project has completed all infrastructure work, installed chargers, and commissioned at NRV, Central/Atlantic Bases, Central Garage, and North Base Metro facilities. The closeout phase of the project is underway.

#### Baseline Scope

Non-revenue Vehicle (NRV) Battery Infrastructure - This project will build charging infrastructure to support electrification of Metro's light duty fleet. The project will plan, design and implement infrastructure to support Level II and Level III chargers at various Metro Transit facilities including Transit Bases and Facilities Maintenance shops. The project does not include the electric vehicles themselves and may include agreements to lease or purchase the chargers. Metro previously installed EV charging equipment at public and non-Metro parking facilities and this project will upgrade that equipment as needed. New EV charging sites are expected to be available beginning in 2021.

Schedule  Red

### Schedule Variance Comment

Delays to the project include:

1. East Base Critical Areas Permit durations have increased from baseline, extending the final design period for EB. But now the problem is resolved, and construction is to begin in mid-May.
2. Two-month delay in final contracting due to DES.
3. This is the lead project in a series and has a learning curve to ensure the success of future projects.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134277 Non-Revenue Vehicle Battery Infrastructure TDC EV CHRNG PRG BUD

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/1/2019	2/4/2020	218	7/1/2019	2/4/2020	218	Completed
2 Preliminary Design	2/5/2020	3/29/2021	418	7/2/2019	5/31/2021	699	Completed
3 Final Design	3/9/2021	10/7/2021	212	7/15/2020	5/25/2022	679	Completed
4 Implementation	5/11/2021	2/14/2022	279	10/12/2021	4/26/2024	927	In Progress
5 Closeout	2/15/2022	8/5/2022	171	3/1/2024	9/20/2024	203	In Progress
6 Acquisition							Not Started
Substantial Completion Date	1/10/2022			3/11/2024			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/9/2021	1/10/2022	307	1028	334.00%
Current Schedule	7/15/2020	3/11/2024	1335		

Cost  Yellow

### Cost Variance Comment

The project cost has been changed due to the following reasons.

1. The project has provided funding for the infrastructure cost of the Phase-1 NRV EV charging station project (\$56K), which was initially outside the project scope and budget.
2. The lengthy permit process (over 52 weeks) at the City of Bellevue delayed the East Base part of the project.
3. Long-lead electrical items have also contributed to the delay.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$110,753	\$111,223	\$111,223	\$470	0.00%
2 Preliminary Design	\$251,849	\$489,133	\$489,133	\$237,284	94.00%
3 Final Design	\$194,950	\$554,957	\$554,957	\$360,007	185.00%
4 Implementation	\$1,749,695	\$1,225,203	\$1,324,407	(\$425,288)	-24.00%
5 Closeout	\$326,944	\$1,348	\$208,316	(\$118,628)	-36.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$2,634,191</b>	<b>\$2,381,864</b>	<b>\$2,688,036</b>	<b>\$53,845</b>	<b>2.04%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134326 Atlantic Base Wash Systems Refurbishment STANDALONE

Target Baseline Date	
Actual Baseline Date	07/14/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Michael Dadi
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/8/2024 11:16:58 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/1/2021	12/16/2021	Completed	\$90,402	\$90,402	\$74,998
2 Preliminary Design	12/16/2021	6/13/2023	Completed	\$160,620	\$163,062	\$217,355
3 Final Design	6/14/2023	7/3/2025	In Progress	\$836,427	\$16,455	\$271,885
4 Implementation	10/16/2024	7/25/2026	Not Started	\$2,702,962	\$0	\$3,133,065
5 Closeout	7/14/2026	8/3/2026	Not Started	\$146,973	\$0	\$34,429
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,937,384	\$269,920	\$3,731,732

Current Substantial Completion 10/10/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/1/2021	12/16/2021	\$90,402
2 Preliminary Design	12/16/2021	6/13/2023	\$261,363
3 Final Design	6/14/2023	12/14/2023	\$691,875
4 Implementation	12/11/2023	12/17/2024	\$2,697,596
5 Closeout	12/17/2024	7/2/2025	\$196,147
6 Acquisition			\$0
Total			\$3,937,383

Baseline Substantial Completion 10/10/2024

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1134326 Atlantic Base Wash Systems Refurbishment  
STANDALONE

Scope  Gray

Scope Variance Comment

Current Scope

The revised project's substantial completion date forecasted at a baseline is March 13, 2026. Per the previous reports, the project has been progressing slowly due to the contractor, McDonald Miller's unwillingness to comply with the general requirements. The last quarter report mentioned that the contractor had shown interest in resuming the project. However, we recently learned from DES that McDonald Miller has again shown no interest in proceeding with the project. After a thorough evaluation, it has been determined that the current contractor is not inclined to proceed with the project. Thus, we must engage the second-ranked candidate in the selection process, UMC (formerly University Mechanical Contractors). The new ESCO is required to sign a contract to review the 30% design, pricing, and schedule before moving into the next task.

Baseline Scope

Atlantic Base Wash Systems Refurbishment - This project refurbishes multiple components of fuel and wash systems at Atlantic Base.

Schedule  Red

Schedule Variance Comment

The project is in slow mode in implementing the scope due to a contract issue with the contractor.

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/1/2021	12/16/2021	198	6/1/2021	12/16/2021	198	Completed
2 Preliminary Design	12/16/2021	6/13/2023	544	12/16/2021	6/13/2023	544	Completed
3 Final Design	6/14/2023	12/14/2023	183	6/14/2023	7/3/2025	750	In Progress
4 Implementation	12/11/2023	12/17/2024	372	10/16/2024	7/25/2026	647	Not Started
5 Closeout	12/17/2024	7/2/2025	197	7/14/2026	8/3/2026	20	Not Started
6 Acquisition							Not Started
Substantial Completion Date	10/10/2024			10/10/2025			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/14/2023	10/10/2024	484	365	75.00%
Current Schedule	6/14/2023	10/10/2025	849		

Q1 2024 Baseline Detail Report

1134326 Atlantic Base Wash Systems Refurbishment  
STANDALONE

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Cost

Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$90,402	\$90,402	\$90,402	\$0	0.00%
2 Preliminary Design	\$261,363	\$163,062	\$160,620	(\$100,743)	-39.00%
3 Final Design	\$691,875	\$16,455	\$836,427	\$144,552	21.00%
4 Implementation	\$2,697,596	\$0	\$2,702,962	\$5,366	0.00%
5 Closeout	\$196,147	\$0	\$146,973	(\$49,174)	-25.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,937,383	\$269,920	\$3,937,384	\$1	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139338 Construction Management Relocation STANDALONE

Target Baseline Date	
Actual Baseline Date	02/02/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Michael Dadi
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Facility Improvements

Last updated by KC\chaw on 4/16/2024 4:16:06 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2019	3/10/2020	Completed	\$187,035	\$187,035	\$164,700
2 Preliminary Design	3/10/2020	9/17/2021	Completed	\$184,370	\$184,370	\$200,000
3 Final Design	11/13/2020	6/3/2022	Completed	\$127,349	\$127,820	\$21,664
4 Implementation	3/11/2020	5/29/2024	In Progress	\$1,316,747	\$1,119,376	\$39,393
5 Closeout	3/4/2024	8/22/2024	In Progress	\$1,183,225	\$0	\$0
6 Acquisition			Not Started	\$0	\$0	\$2,572,970
Total				\$2,998,726	\$1,618,601	\$2,998,726

Current Substantial Completion 3/29/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2019	3/10/2020	\$183,464
2 Preliminary Design	3/10/2020	9/17/2021	\$180,147
3 Final Design	11/13/2020	5/27/2022	\$115,254
4 Implementation	3/11/2020	10/7/2022	\$1,406,662
5 Closeout	10/10/2022	10/6/2023	\$14,661
6 Acquisition			\$0
Total			\$1,900,188

Baseline Substantial Completion 8/9/2022



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139338 Construction Management Relocation STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

Construction Management Relocation: Acquire an alternative site for Metro's Construction Management Group, rezone the site to support appropriate functionality, and construct a new facility for Metro Construction Management. Additional site enhancements and modifications such as underground storage tank removal, perimeter fence restoration, and general cosmetic repairs are included in this project.

The project has completed the removal of the underground storage tank, demolition of the contaminated building, removal of the awning and loading dock, and construction of a perimeter fence for the compound.

The final project work, such as antenna and camera installation, is underway and will soon be completed.

#### Baseline Scope

Construction Management Relocation - Acquire an alternative site for Metro's Construction Management Group, rezone the site to support appropriate functionality, and construct a new facility for Metro Construction Management. Additional site enhancements and modifications such as underground storage tank removal, perimeter fence restoration, and general cosmetic repairs are included in this project.

Schedule  Red

### Schedule Variance Comment

The project schedule variance occurred due to multiple reasons. 1) the lengthy process to get a timely permit for underground storage tank removal and demolition of contaminated buildings. 2) multiple tasks required the involvement of different contractors to operate in the same location and difficulty maintaining the sequence of the actual operation. 3) part of the project tasks, particularly the security camera, is linked with other project work and needs to be completed both projects simultaneously.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139338 Construction Management Relocation STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/2/2019	3/10/2020	433	1/2/2019	3/10/2020	433	Completed
2 Preliminary Design	3/10/2020	9/17/2021	556	3/10/2020	9/17/2021	556	Completed
3 Final Design	11/13/2020	5/27/2022	560	11/13/2020	6/3/2022	567	Completed
4 Implementation	3/11/2020	10/7/2022	940	3/11/2020	5/29/2024	1540	In Progress
5 Closeout	10/10/2022	10/6/2023	361	3/4/2024	8/22/2024	171	In Progress
6 Acquisition							Not Started
Substantial Completion Date	8/9/2022			3/29/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/13/2020	8/9/2022	634	598	94.00%
Current Schedule	11/13/2020	3/29/2024	1232		

**Cost**  Red

### Cost Variance Comment

The project has been performed within the original budget, and the extra fund could be used for the upcoming site development as planned.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$183,464	\$187,035	\$187,035	\$3,571	2.00%
2 Preliminary Design	\$180,147	\$184,370	\$184,370	\$4,223	2.00%
3 Final Design	\$115,254	\$127,820	\$127,349	\$12,095	10.00%
4 Implementation	\$1,406,662	\$1,119,376	\$1,316,747	(\$89,915)	-6.00%
5 Closeout	\$14,661	\$0	\$1,183,225	\$1,168,564	7,971.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,900,188</b>	<b>\$1,618,601</b>	<b>\$2,998,726</b>	<b>\$1,098,538</b>	<b>57.81%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139344 Route 40 Transit Plus Multimodal Corridor STANDALONE

Target Baseline Date	
Actual Baseline Date	09/27/2023
Council District(s)	4, 8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Rye, Joseph
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Speed and Reliability Improvements

Last updated by KC\chaw on 4/11/2024 4:17:29 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/1/2019	6/22/2021	Completed	\$262,626	\$262,698	\$268,359
2 Preliminary Design	2/4/2021	8/8/2023	Completed	\$368,719	\$371,863	\$459,856
3 Final Design	8/25/2021	12/14/2023	Completed	\$2,984,881	\$183,207	\$285,938
4 Implementation	12/15/2023	9/3/2025	In Progress	\$2,015,199	\$2,526,467	\$4,613,971
5 Closeout	7/1/2025	11/30/2025	Not Started	\$30,093	\$0	\$33,394
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$5,661,518	\$3,344,236	\$5,661,519

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/1/2019	6/22/2021	\$262,626
2 Preliminary Design	2/4/2021	8/8/2023	\$368,719
3 Final Design	8/25/2021	12/8/2023	\$2,984,881
4 Implementation	5/3/2023	9/24/2025	\$2,015,200
5 Closeout	9/25/2025	2/5/2026	\$30,093
6 Acquisition			\$0
Total			\$5,661,519

Baseline Substantial Completion

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1139344 Route 40 Transit Plus Multimodal Corridor  
STANDALONE

Scope  Gray

Scope Variance Comment

**Current Scope**  
Route 40 Improvements - This project will construct transit speed and reliability improvements along King County Metro Route 40. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 40 corridor, as part of Seattle’s Transit-Plus Multimodal Corridor Program. The project is expected to be completed in 2024. The project's scope includes constructing transit speed and reliability treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, bus zone amenity improvements, and other treatments to improve transit speed and reliability.

**Baseline Scope**  
Route 40 Improvements - This project will construct transit speed and reliability improvements along King County Metro Route 40. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 40 corridor, as part of Seattle’s Transit-Plus Multimodal Corridor Program. The project is expected to be completed in 2024. The project's scope includes constructing transit speed and reliability treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, bus zone amenity improvements, and other treatments to improve transit speed and reliability.

Schedule  Green

**Schedule Variance Comment**  
Project experienced delays during design due to significant opposition from local stakeholder groups. Stakeholder groups involved include Fremont Businesses (proposed new bus zone location) and Westlake property owners (BAT lanes and FAB Lane pilot area). Project was delayed to allow additional outreach activities. Project completed design and was advertised for bid in December 2023, NTP is expected to be issued in April or May 2024, with construction completion in 2025.

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/1/2019	6/22/2021	691	8/1/2019	6/22/2021	691	Completed
2 Preliminary Design	2/4/2021	8/8/2023	915	2/4/2021	8/8/2023	915	Completed
3 Final Design	8/25/2021	12/8/2023	835	8/25/2021	12/14/2023	841	Completed
4 Implementation	5/3/2023	9/24/2025	875	12/15/2023	9/3/2025	628	In Progress
5 Closeout	9/25/2025	2/5/2026	133	7/1/2025	11/30/2025	152	Not Started
6 Acquisition							Not Started
Substantial Completion Date				7/8/2025			

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1139344 Route 40 Transit Plus Multimodal Corridor  
STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/25/2021				0.00%
Current Schedule	8/25/2021	7/8/2025	1413		

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$262,626	\$262,698	\$262,626	\$0	0.00%
2 Preliminary Design	\$368,719	\$371,863	\$368,719	\$0	0.00%
3 Final Design	\$2,984,881	\$183,207	\$2,984,881	\$0	0.00%
4 Implementation	\$2,015,200	\$2,526,467	\$2,015,199	(\$1)	0.00%
5 Closeout	\$30,093	\$0	\$30,093	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$5,661,519	\$3,344,236	\$5,661,518	(\$1)	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139346 Route 44 Transit Plus Multimodal Corridor STANDALONE

Target Baseline Date	
Actual Baseline Date	02/02/2023
Council District(s)	2, 4
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Rye, Joe
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Speed and Reliability Improvements

Last updated by KC\chaw on 4/11/2024 4:24:48 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2020	4/27/2021	Completed	\$23,611	\$23,970	\$21,483
2 Preliminary Design	8/3/2020	5/9/2022	Completed	\$22,610	\$25,061	\$125,899
3 Final Design	1/4/2021	6/15/2022	Completed	\$533,000	\$251,463	\$963,574
4 Implementation	2/14/2022	6/30/2024	In Progress	\$2,470,420	\$1,783,507	\$1,938,686
5 Closeout	4/11/2024	9/30/2024	Not Started	\$21,961	\$176	\$21,961
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,071,602	\$2,084,178	\$3,071,602

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2020	4/27/2021	\$23,611
2 Preliminary Design	8/3/2020	1/26/2022	\$22,610
3 Final Design	1/4/2021	3/7/2022	\$515,379
4 Implementation	3/8/2022	11/18/2022	\$2,488,041
5 Closeout	11/21/2022	2/2/2023	\$21,961
6 Acquisition			\$0
Total			\$3,071,602

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139346 Route 44 Transit Plus Multimodal Corridor STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

Route 44 Transit Plus Multimodal Corridor - This project will design and construct transit speed and reliability improvements along King County Metro Route 44, an electric trolley bus route operating in Seattle. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 44 corridor, as part of Seattle's Transit-Plus Multimodal Corridor Program. Civil construction elements of the project were completed in September 2023. The scope of these improvements will include design and construction of treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, trolleybus wire modifications, and other treatments to improve transit speed and reliability. OCS adjustments were required at one intersection, and SDOT is behind schedule in implementing the project's transit signal priority system along the corridor, delaying final acceptance and closeout until later in 2024.

#### Baseline Scope

Route 44 Transit Plus Multimodal Corridor - This project will design and construct transit speed and reliability improvements along King County Metro Route 44, an electric trolley bus route operating in Seattle. The City of Seattle Department of Transportation (SDOT) will lead planning, design, and construction of transit speed and reliability improvements along the Route 44 corridor, as part of Seattle's Transit-Plus Multimodal Corridor Program. The project is expected to be completed in 2023. The scope of these improvements will include design and construction of treatments such as bus lanes, signal timing optimization, intersection/roadway modifications, pedestrian safety improvements, bus stop consolidation and optimization, trolleybus wire modifications, and other treatments to improve transit speed and reliability.

Schedule  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139346 Route 44 Transit Plus Multimodal Corridor STANDALONE

### Schedule Variance Comment

City-led project has been delayed in implementation due to several conspiring issues: concrete strike, supply chain (signal poles) issues, avoiding major U-District events, and transit signal priority (TSP) implementation, as well as availability of Metro OCS line crews. Project has reached substantial completion of all public-facing elements (Sept 2023), except OCS wire adjustments at one intersection in the U-District. The Transit Signal Priority elements (controlled by the City, involving signal cabinet equipment upgrades) will lag behind into mid-2024.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2020	4/27/2021	482	1/1/2020	4/27/2021	482	Completed
2 Preliminary Design	8/3/2020	1/26/2022	541	8/3/2020	5/9/2022	644	Completed
3 Final Design	1/4/2021	3/7/2022	427	1/4/2021	6/15/2022	527	Completed
4 Implementation	3/8/2022	11/18/2022	255	2/14/2022	6/30/2024	867	In Progress
5 Closeout	11/21/2022	2/2/2023	73	4/11/2024	9/30/2024	172	Not Started
6 Acquisition							Not Started
Substantial Completion Date	11/18/2022			10/5/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/4/2021	11/18/2022	683	321	47.00%
Current Schedule	1/4/2021	10/5/2023	1004		



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139346 Route 44 Transit Plus Multimodal Corridor STANDALONE

Cost ● Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$23,611	\$23,970	\$23,611	\$0	0.00%
2 Preliminary Design	\$22,610	\$25,061	\$22,610	\$0	0.00%
3 Final Design	\$515,379	\$251,463	\$533,000	\$17,621	3.00%
4 Implementation	\$2,488,041	\$1,783,507	\$2,470,420	(\$17,621)	-1.00%
5 Closeout	\$21,961	\$176	\$21,961	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,071,602	\$2,084,178	\$3,071,602	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139357 Central Base Yard Light Replacement STANDALONE

Target Baseline Date	07/13/2021
Actual Baseline Date	10/11/2021
Council District(s)	
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Brandon Reno
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 5:05:36 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/9/2019	3/11/2021	Completed	\$0	\$0	\$0
2 Preliminary Design	5/1/2020	7/13/2021	Completed	\$134,633	\$134,633	\$0
3 Final Design	6/29/2021	5/21/2024	In Progress	\$376,896	\$321,228	\$250,619
4 Implementation	5/22/2024	12/4/2024	Not Started	\$3,755,520	\$9,901	\$5,695,935
5 Closeout	12/5/2024	7/2/2025	Not Started	\$121,479	\$0	\$80,040
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$4,388,528	\$465,762	\$6,026,594

Current Substantial Completion 10/3/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/9/2019	3/11/2021	\$0
2 Preliminary Design	5/1/2020	7/13/2021	\$71,491
3 Final Design	7/14/2021	9/14/2023	\$230,848
4 Implementation	9/15/2023	4/12/2024	\$2,374,478
5 Closeout	3/4/2024	9/25/2024	\$73,647
6 Acquisition			\$0
Total			\$2,750,464

Baseline Substantial Completion 1/2/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139357 Central Base Yard Light Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Central Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

#### Baseline Scope

Central Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

Schedule  Red

### Schedule Variance Comment

Additional structural design, site conflicts initiating partial redesign and COVID issues have extended the design schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/9/2019	3/11/2021	580	8/9/2019	3/11/2021	580	Completed
2 Preliminary Design	5/1/2020	7/13/2021	438	5/1/2020	7/13/2021	438	Completed
3 Final Design	7/14/2021	9/14/2023	792	6/29/2021	5/21/2024	1057	In Progress
4 Implementation	9/15/2023	4/12/2024	210	5/22/2024	12/4/2024	196	Not Started
5 Closeout	3/4/2024	9/25/2024	205	12/5/2024	7/2/2025	209	Not Started
6 Acquisition							Not Started
Substantial Completion Date	1/2/2024			10/3/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/14/2021	1/2/2024	902	290	32.00%
Current Schedule	6/29/2021	10/3/2024	1192		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139357 Central Base Yard Light Replacement STANDALONE

### Cost Variance Comment

Updated energy savings proposals delivered at 90% design milestone were substantially higher than the estimate at baseline, mainly due to realized inflation. An email dated 6/28/2022 confirmed council has approved an ENC request for additional funds on this project.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$71,491	\$134,633	\$134,633	\$63,142	88.00%
3 Final Design	\$230,848	\$321,228	\$376,896	\$146,048	63.00%
4 Implementation	\$2,374,478	\$9,901	\$3,755,520	\$1,381,042	58.00%
5 Closeout	\$73,647	\$0	\$121,479	\$47,832	65.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$2,750,464</b>	<b>\$465,762</b>	<b>\$4,388,528</b>	<b>\$1,638,064</b>	<b>59.56%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139358 South Base Yard Light Replacement STANDALONE

Target Baseline Date	07/13/2021
Actual Baseline Date	10/11/2021
Council District(s)	
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Brandon Reno
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 5:11:13 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/9/2019	3/11/2021	Completed	\$0	\$0	\$0
2 Preliminary Design	5/1/2020	7/13/2021	Completed	\$137,989	\$137,989	\$156,310
3 Final Design	6/29/2021	10/31/2023	Completed	\$495,867	\$500,688	\$467,351
4 Implementation	7/21/2023	8/28/2024	In Progress	\$2,382,257	\$680,220	\$2,958,809
5 Closeout	8/29/2024	3/31/2025	Not Started	\$103,816	\$0	\$166,461
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$3,119,929	\$1,318,897	\$3,748,931

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/9/2019	3/11/2021	\$0
2 Preliminary Design	5/1/2020	7/13/2021	\$122,529
3 Final Design	7/14/2021	9/29/2022	\$328,297
4 Implementation	9/30/2022	3/17/2023	\$1,656,931
5 Closeout	3/20/2023	10/11/2023	\$383,169
6 Acquisition			\$0
Total			\$2,490,926

Baseline Substantial Completion

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139358 South Base Yard Light Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

South Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

#### Baseline Scope

South Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

Schedule  Red

### Schedule Variance Comment

Additional structural design, site conflicts initiating partial redesign and COVID issues have extended the design schedule. Efforts to standardize the ESPC procurement process resulted in further delays to executing the ESP, resulting in a delayed NTP for construction.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/9/2019	3/11/2021	580	8/9/2019	3/11/2021	580	Completed
2 Preliminary Design	5/1/2020	7/13/2021	438	5/1/2020	7/13/2021	438	Completed
3 Final Design	7/14/2021	9/29/2022	442	6/29/2021	10/31/2023	854	Completed
4 Implementation	9/30/2022	3/17/2023	168	7/21/2023	8/28/2024	404	In Progress
5 Closeout	3/20/2023	10/11/2023	205	8/29/2024	3/31/2025	214	Not Started
6 Acquisition							Not Started
Substantial Completion Date	1/18/2023			7/1/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/14/2021	1/18/2023	553	545	98.00%
Current Schedule	6/29/2021	7/1/2024	1098		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139358 South Base Yard Light Replacement STANDALONE

### Cost Variance Comment

Updated energy savings proposals delivered at 90% design milestone were substantially higher than the estimate at baseline, mainly due to realized inflation. An email dated 6/28/2022 confirmed council has approved an ENC request for additional funds on this project.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$122,529	\$137,989	\$137,989	\$15,460	13.00%
3 Final Design	\$328,297	\$500,688	\$495,867	\$167,570	51.00%
4 Implementation	\$1,656,931	\$680,220	\$2,382,257	\$725,326	44.00%
5 Closeout	\$383,169	\$0	\$103,816	(\$279,353)	-73.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$2,490,926</b>	<b>\$1,318,897</b>	<b>\$3,119,929</b>	<b>\$629,003</b>	<b>25.25%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139367 Interim Base Bus Charging STANDALONE

Target Baseline Date	
Actual Baseline Date	09/27/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Kevin Kibet
RMP Reporting	Risk Scoring Required
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Zero Emissions Infrastructure

Last updated by KC\chaw on 4/11/2024 4:52:18 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	10/5/2020	2/7/2022	Completed	\$67,942	\$67,942	\$67,942
2 Preliminary Design	8/3/2021	9/13/2023	Completed	\$5,765,733	\$8,676,031	\$5,778,274
3 Final Design	5/30/2023	2/14/2025	In Progress	\$7,373,153	\$2,026,239	\$7,511,001
4 Implementation	7/11/2023	3/10/2026	In Progress	\$101,236,695	\$5,880,944	\$101,086,307
5 Closeout	2/26/2026	3/3/2027	Not Started	\$1,488,110	\$0	\$1,488,109
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$115,931,633	\$16,651,156	\$115,931,634

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/5/2020	2/7/2022	\$67,942
2 Preliminary Design	8/3/2021	9/13/2023	\$5,765,733
3 Final Design	5/30/2023	2/14/2025	\$7,373,153
4 Implementation	7/11/2023	3/10/2026	\$101,236,695
5 Closeout	2/26/2026	3/3/2027	\$1,488,110
6 Acquisition			\$0
Total			\$115,931,633

Baseline Substantial Completion



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139367 Interim Base Bus Charging STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

Interim Base Battery Electric Bus Charging - This project will develop and build the charging infrastructure to support operations of 120 Battery Electric Buses (BEB) at Metro's Interim Base Facility. The project will include design, procurement, implementation, and commissioning of the elements of the charging infrastructure for the facility including transformers, switchgear, cabling, vehicle chargers, pantograph system, overhead support structures, equipment access, paving, and other ancillary items required to commission and begin operation of Metro's first designated battery electric bus base.

#### Baseline Scope

Interim Base Battery Electric Bus Charging - This project will develop and build the charging infrastructure to support operations of 120 Battery Electric Buses (BEB) at Metro's Interim Base Facility. The project will include design, procurement, implementation, and commissioning of the elements of the charging infrastructure for the facility including transformers, switchgear, cabling, vehicle chargers, pantograph system, overhead support structures, equipment access, paving, and other ancillary items required to commission and begin operation of Metro's first designated battery electric bus base.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	10/5/2020	2/7/2022	490	10/5/2020	2/7/2022	490	Completed
2 Preliminary Design	8/3/2021	9/13/2023	771	8/3/2021	9/13/2023	771	Completed
3 Final Design	5/30/2023	2/14/2025	626	5/30/2023	2/14/2025	626	In Progress
4 Implementation	7/11/2023	3/10/2026	973	7/11/2023	3/10/2026	973	In Progress
5 Closeout	2/26/2026	3/3/2027	370	2/26/2026	3/3/2027	370	Not Started
6 Acquisition							Not Started
Substantial Completion Date				1/21/2026			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/30/2023				0.00%
Current Schedule	5/30/2023	1/21/2026	967		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139367 Interim Base Bus Charging STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$67,942	\$67,942	\$67,942	\$0	0.00%
2 Preliminary Design	\$5,765,733	\$8,676,031	\$5,765,733	\$0	0.00%
3 Final Design	\$7,373,153	\$2,026,239	\$7,373,153	\$0	0.00%
4 Implementation	\$101,236,695	\$5,880,944	\$101,236,695	\$0	0.00%
5 Closeout	\$1,488,110	\$0	\$1,488,110	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$115,931,633	\$16,651,156	\$115,931,633	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139372 Bellevue Base Yard Light Replacement STANDALONE

Target Baseline Date	07/14/2021
Actual Baseline Date	10/11/2021
Council District(s)	
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Brandon Reno
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	State of Good Repair

Last updated by KC\chaw on 4/11/2024 5:17:39 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/9/2019	3/11/2021	Completed	\$0	\$0	\$0
2 Preliminary Design	5/1/2020	7/13/2021	Completed	\$137,990	\$137,990	\$111,274
3 Final Design	6/29/2021	8/27/2024	In Progress	\$372,709	\$285,690	\$404,285
4 Implementation	8/22/2024	2/21/2025	Not Started	\$2,343,774	\$3,295	\$2,278,602
5 Closeout	2/24/2025	9/17/2025	Not Started	\$100,712	\$0	\$161,024
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$2,955,185	\$426,976	\$2,955,185

Current Substantial Completion 12/20/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	8/9/2019	3/11/2021	\$0
2 Preliminary Design	5/1/2020	7/14/2021	\$70,711
3 Final Design	7/14/2021	3/27/2023	\$294,429
4 Implementation	3/28/2023	9/6/2023	\$1,198,006
5 Closeout	9/7/2023	4/5/2024	\$189,843
6 Acquisition			\$0
Total			\$1,752,989

Baseline Substantial Completion 7/10/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139372 Bellevue Base Yard Light Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Bellevue Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

#### Baseline Scope

Bellevue Base Yard Light Replacement - This project will determine optimal methods to achieve required lighting levels and then move forward to replace and augment existing fixtures with means to achieve the minimum required lighting levels.

Schedule  Red

### Schedule Variance Comment

Additional survey related design and COVID issues have extended the design schedule.  
City permit review timelines have also been extended.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	8/9/2019	3/11/2021	580	8/9/2019	3/11/2021	580	Completed
2 Preliminary Design	5/1/2020	7/14/2021	439	5/1/2020	7/13/2021	438	Completed
3 Final Design	7/14/2021	3/27/2023	621	6/29/2021	8/27/2024	1155	In Progress
4 Implementation	3/28/2023	9/6/2023	162	8/22/2024	2/21/2025	183	Not Started
5 Closeout	9/7/2023	4/5/2024	211	2/24/2025	9/17/2025	205	Not Started
6 Acquisition							Not Started
Substantial Completion Date	7/10/2023			12/20/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/14/2021	7/10/2023	726	544	74.00%
Current Schedule	6/29/2021	12/20/2024	1270		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1139372 Bellevue Base Yard Light Replacement STANDALONE

### Cost Variance Comment

Updated energy savings proposals delivered at 90% design milestone were substantially higher than the estimate at baseline, mainly due to realized inflation. The CDB authorized a budget increase for the 2023/2024 CIP on 5/10/2022.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$70,711	\$137,990	\$137,990	\$67,279	95.00%
3 Final Design	\$294,429	\$285,690	\$372,709	\$78,280	27.00%
4 Implementation	\$1,198,006	\$3,295	\$2,343,774	\$1,145,768	96.00%
5 Closeout	\$189,843	\$0	\$100,712	(\$89,131)	-47.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,752,989</b>	<b>\$426,976</b>	<b>\$2,955,185</b>	<b>\$1,202,196</b>	<b>68.58%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141991 100th Street Sidewalk Improvements STANDALONE

Target Baseline Date	
Actual Baseline Date	02/02/2023
Council District(s)	8
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Velma Valdez Montez
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Fixed Assets
Subportfolio	Passenger Infrastructure

Last updated by KC\chaw on 4/17/2024 10:58:51 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/2/2018	12/31/2018	Completed	\$454	\$3,134	\$10,000
2 Preliminary Design	5/8/2018	11/14/2022	Completed	\$9,611	\$11,613	\$90,000
3 Final Design	1/2/2020	1/30/2024	Completed	\$800,606	\$770,063	\$164,684
4 Implementation	1/31/2024	10/24/2024	In Progress	\$3,026,000	\$43,336	\$3,554,067
5 Closeout	10/25/2024	3/28/2025	Not Started	\$25,166	\$0	\$7,920
6 Acquisition	1/2/2018	2/14/2023	Completed	\$32,800	\$0	\$35,000
Total				\$3,894,637	\$828,146	\$3,861,671

Current Substantial Completion 8/16/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$124
2 Preliminary Design			\$0
3 Final Design	1/2/2020	5/31/2023	\$505,841
4 Implementation	6/1/2023	11/20/2023	\$2,533,734
5 Closeout	11/21/2023	4/22/2024	\$25,166
6 Acquisition	1/2/2018	2/14/2023	\$32,800
Total			\$3,097,665

Baseline Substantial Completion 10/20/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141991 100th Street Sidewalk Improvements STANDALONE

Scope  Gray

### Scope Variance Comment

#### Current Scope

100th Street Sidewalk Improvements - This project will design and construct pedestrian amenities to support transit access including sidewalks, curb & gutter, access ramps, roadway channelization/crosswalk striping, lighting and pedestrian crossing enhancements and other improvements.

#### Baseline Scope

100th Street Sidewalk Improvements - This project will design and construct pedestrian amenities to support transit access including sidewalks, curb & gutter, access ramps, roadway channelization/crosswalk striping, lighting and pedestrian crossing enhancements and other improvements.

Schedule  Red

### Schedule Variance Comment

During the first bid opening, it was discovered that the long lead items (electrical poles) would take 9 months to procure. That amount of time was not considered into the contract. Therefore, contractors would not be able to meet the scheduled time in the contract. It was decided to cancel the bids and rework the contract so that we could readvertise again.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning				1/2/2018	12/31/2018	363	Completed
2 Preliminary Design				5/8/2018	11/14/2022	1651	Completed
3 Final Design	1/2/2020	5/31/2023	1245	1/2/2020	1/30/2024	1489	Completed
4 Implementation	6/1/2023	11/20/2023	172	1/31/2024	10/24/2024	267	In Progress
5 Closeout	11/21/2023	4/22/2024	153	10/25/2024	3/28/2025	154	Not Started
6 Acquisition	1/2/2018	2/14/2023	1869	1/2/2018	2/14/2023	1869	Completed
Substantial Completion Date	10/20/2023			8/16/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/2/2020	10/20/2023	1387	301	21.00%
Current Schedule	1/2/2020	8/16/2024	1688		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141991 100th Street Sidewalk Improvements STANDALONE

Cost  Red

### Cost Variance Comment

6/7/23: Evaluation stage potentially delayed due to procurement delays for light posts. Current low bidder showing 9 month procurement time. Had to cancel the bids and change the contract duration time to allow for the long lead items. As a result we had to resubmit the ITB documents and advertise again; this increased the cost.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$124	\$3,134	\$454	\$330	266.00%
2 Preliminary Design	\$0	\$11,613	\$9,611	\$9,611	0.00%
3 Final Design	\$505,841	\$770,063	\$800,606	\$294,765	58.00%
4 Implementation	\$2,533,734	\$43,336	\$3,026,000	\$492,266	19.00%
5 Closeout	\$25,166	\$0	\$25,166	\$0	0.00%
6 Acquisition	\$32,800	\$0	\$32,800	\$0	0.00%
Total	\$3,097,665	\$828,146	\$3,894,637	\$796,972	25.73%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144055 Fall City Septic STANDALONE

Target Baseline Date	10/30/2023
Actual Baseline Date	
Council District(s)	3
Department	LOCAL SERVICES
Agency	Other
Contact	Jeffrey Wilson
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Community Investments
Subportfolio	


Last updated by KC\andrewji on 10/30/2023 1:58:45 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/9/2021	7/1/2022	Completed	\$0	\$0	\$0
2 Preliminary Design	7/9/2021	7/1/2022	Completed	\$0	\$0	\$0
3 Final Design	7/1/2022	8/21/2023	Completed	\$150,000	\$269,342	\$300,000
4 Implementation	8/22/2023	1/30/2026	In Progress	\$8,500,000	\$11,171	\$8,500,000
5 Closeout	1/16/2026	7/1/2026	Not Started	\$10,000	\$0	\$0
6 Acquisition	7/1/2022	1/31/2024	In Progress	\$290,000	\$2,230	\$150,000
Total				\$8,950,000	\$282,742	\$8,950,000

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
Total			

Baseline Substantial Completion

Scope  Green

Scope Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1144055 Fall City Septic STANDALONE

### Current Scope

This project will design and build a decentralized wastewater treatment solution for the business district of the rural town of Fall City located in unincorporated King County. A large on-site septic system (LOSS) will be constructed for the 62 parcels in the business district with a combined community drain field which will be located at a local park nearby. This project will address a very direct and imminent threat to public health due to the lack of adequate and conforming septic systems currently available within the business district. Additionally, the implementation of this new asset will allow businesses to develop and expand their properties to meet the growing needs of the surrounding community.

### Baseline Scope

### Schedule



Gray

### Schedule Variance Comment

### Cost



Gray

### Cost Variance Comment

Note: Planning, preliminary design, and most of the final design costs charged to operating were not included in the costs/EAC shown in PIC.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135998 Ames Lake Trestle Bridge #1320A Replacement STANDALONE

Target Baseline Date	03/03/2021
Actual Baseline Date	05/07/2021
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:24:17 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/7/2019	6/21/2019	Completed	\$0	\$0	\$0
2 Preliminary Design	6/21/2019	3/3/2021	Completed	\$383,381	\$383,381	\$530,000
3 Final Design	3/3/2021	1/3/2024	Completed	\$1,052,146	\$1,119,758	\$1,243,366
4 Implementation	1/3/2024	4/16/2026	In Progress	\$6,592,467	\$136,043	\$9,042,252
5 Closeout	4/16/2026	12/30/2026	Not Started	\$20,000	\$0	\$20,000
6 Acquisition	7/1/2022	2/14/2023	Completed	\$15,168	\$15,168	\$300,001
Total				\$8,063,162	\$1,654,349	\$11,135,619

Current Substantial Completion 3/10/2025


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/7/2019	1/17/2019	\$0
2 Preliminary Design	1/17/2019	3/3/2021	\$383,380
3 Final Design	3/3/2021	6/6/2023	\$1,088,949
4 Implementation	6/6/2023	12/23/2025	\$8,550,081
5 Closeout	12/23/2025	3/6/2026	\$10,000
6 Acquisition	9/13/2021	1/20/2023	\$132,767
Total			\$10,165,177

Baseline Substantial Completion 7/30/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135998 Ames Lake Trestle Bridge #1320A Replacement STANDALONE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

To replace Ames Lake Trestle Bridge #1320A which is structurally deficient, functionally obsolete, weight restricted, and its timber substructure is at the end of its useful life.

#### Baseline Scope

To replace Ames Lake Trestle Bridge #1320A which is structurally deficient, functionally obsolete, weight restricted, and its timber substructure is at the end of its useful life.

**Schedule**  Red

### Schedule Variance Comment

Shift construction year from 2023 to 2024 and extend advertisement date from October 2023 to January 2024. Added time to the schedule.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/7/2019	1/17/2019	10	1/7/2019	6/21/2019	165	Completed
2 Preliminary Design	1/17/2019	3/3/2021	776	6/21/2019	3/3/2021	621	Completed
3 Final Design	3/3/2021	6/6/2023	825	3/3/2021	1/3/2024	1036	Completed
4 Implementation	6/6/2023	12/23/2025	931	1/3/2024	4/16/2026	834	In Progress
5 Closeout	12/23/2025	3/6/2026	73	4/16/2026	12/30/2026	258	Not Started
6 Acquisition	9/13/2021	1/20/2023	494	7/1/2022	2/14/2023	228	Completed
Substantial Completion Date	7/30/2024			3/10/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/3/2021	7/30/2024	1245	223	17.00%
Current Schedule	3/3/2021	3/10/2025	1468		

**Cost**  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135998 Ames Lake Trestle Bridge #1320A Replacement STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$383,380	\$383,381	\$383,381	\$1	0.00%
3 Final Design	\$1,088,949	\$1,119,758	\$1,052,146	(\$36,803)	-3.00%
4 Implementation	\$8,550,081	\$136,043	\$6,592,467	(\$1,957,614)	-23.00%
5 Closeout	\$10,000	\$0	\$20,000	\$10,000	100.00%
6 Acquisition	\$132,767	\$15,168	\$15,168	(\$117,599)	-89.00%
Total	\$10,165,177	\$1,654,349	\$8,063,162	(\$2,102,015)	-20.68%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135999 Upper Tokul Creek Bridge #271B Replacement STANDALONE

Target Baseline Date	04/01/2021
Actual Baseline Date	04/01/2021
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	1/9/2019	4/1/2021	Completed	\$324,977	\$324,977	\$361,000
3 Final Design	4/1/2021	3/31/2022	Completed	\$623,253	\$623,253	\$760,000
4 Implementation	3/31/2022	12/31/2024	In Progress	\$3,217,719	\$3,193,036	\$3,819,000
5 Closeout	12/31/2024	6/30/2025	Not Started	\$0	\$0	\$3,000
6 Acquisition	12/1/2020	4/13/2022	Completed	\$66,322	\$66,322	\$103,000
Total				\$4,232,271	\$4,207,588	\$5,046,000

Current Substantial Completion 12/5/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	7/10/2019	4/1/2021	\$324,977
3 Final Design	4/1/2021	4/25/2022	\$777,568
4 Implementation	4/25/2022	7/1/2024	\$3,604,949
5 Closeout	7/1/2024	5/30/2025	\$3,000
6 Acquisition	12/1/2020	11/30/2021	\$111,482
Total			\$4,821,976

Baseline Substantial Completion 1/31/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135999 Upper Tokul Creek Bridge #271B Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

To replace Upper Tokul Bridge #271B which is beyond its useful life, weight restricted, and at risk of being closed due to foundation scour, its age and condition.

#### Baseline Scope

To replace Upper Tokul Bridge #271B which is beyond its useful life, weight restricted, and at risk of being closed due to foundation scour, its age and condition.

Schedule  Red

### Schedule Variance Comment

Due to the Contractors scheduling, construction work started in September 2022 versus the anticipated June start timeframe. In doing this, we lost the majority of the 2022 July to September permitted fish window timeframe. Bridge construction work continued as the majority of the work was outside of the water, but not all the in-water work was done in 2022. This caused the remaining in-water work to be delayed until the 2023 fish window. The total construction working days did not change, but substantial completion was pushed out. The new bridge construction was completed in September 2023. The landscape work anticipated to be done in October was delayed due to the delay on soil preparation and material supply. The substantial completion was declared on December 5th, 2023, after all of the plantings were completed and inspected.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	7/10/2019	4/1/2021	631	1/9/2019	4/1/2021	813	Completed
3 Final Design	4/1/2021	4/25/2022	389	4/1/2021	3/31/2022	364	Completed
4 Implementation	4/25/2022	7/1/2024	798	3/31/2022	12/31/2024	1006	In Progress
5 Closeout	7/1/2024	5/30/2025	333	12/31/2024	6/30/2025	181	Not Started
6 Acquisition	12/1/2020	11/30/2021	364	12/1/2020	4/13/2022	498	Completed
Substantial Completion Date	1/31/2023			12/5/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/1/2021	1/31/2023	670	308	45.00%
Current Schedule	4/1/2021	12/5/2023	978		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1135999 Upper Tokul Creek Bridge #271B Replacement STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$324,977	\$324,977	\$324,977	\$0	0.00%
3 Final Design	\$777,568	\$623,253	\$623,253	(\$154,315)	-20.00%
4 Implementation	\$3,604,949	\$3,193,036	\$3,217,719	(\$387,230)	-11.00%
5 Closeout	\$3,000	\$0	\$0	(\$3,000)	-100.00%
6 Acquisition	\$111,482	\$66,322	\$66,322	(\$45,160)	-41.00%
Total	\$4,821,976	\$4,207,588	\$4,232,271	(\$589,705)	-12.23%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136000 Baring Bridge #509A Replacement STANDALONE

Target Baseline Date	05/13/2022
Actual Baseline Date	08/01/2022
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/12/2018	7/18/2018	Completed	\$0	\$0	\$0
2 Preliminary Design	7/18/2018	5/13/2022	Completed	\$3,154	\$3,154	\$3,154
3 Final Design	5/13/2022	9/22/2026	In Progress	\$3,149,501	\$1,491,231	\$2,912,009
4 Implementation	9/22/2026	10/14/2031	Not Started	\$24,567,398	\$176,782	\$38,352
5 Closeout	10/14/2031	12/31/2031	Not Started	\$89,703	\$0	\$0
6 Acquisition	2/8/2024	11/6/2025	In Progress	\$1,305,219	\$661	\$1,020,000
Total				\$29,114,974	\$1,671,827	\$3,973,514

Current Substantial Completion 11/21/2029

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/12/2018	7/30/2018	\$0
2 Preliminary Design	7/30/2018	4/25/2022	\$3,083
3 Final Design	4/25/2022	3/27/2026	\$2,979,134
4 Implementation	3/27/2026	3/27/2030	\$16,656,632
5 Closeout	3/27/2030	5/31/2030	\$30,000
6 Acquisition	4/5/2023	2/24/2025	\$1,020,206
Total			\$20,689,055

Baseline Substantial Completion 9/29/2028

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1136000 Baring Bridge #509A Replacement  
STANDALONE

Scope Green

Scope Variance Comment

**Current Scope**  
Replace Baring Bridge #509A which is structurally deficient, functionally obsolete, is severely weight restricted, and at risk of being closed due to its age and condition.

**Baseline Scope**  
Baring Bridge #509A Replacement - To replace Baring Bridge #509A which is structurally deficient, functionally obsolete, is severely weight restricted, and at risk of being closed due to its age and condition.

Schedule Red

**Schedule Variance Comment**  
Added time to schedule to complete negotiation and request WDFW to approve for more than the allowed two weeks in-water work window. Previously anticipated three months in-water work window from July 1 to September 30 and construction complete in three in-water work window.

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/12/2018	7/30/2018	199	1/12/2018	7/18/2018	187	Completed
2 Preliminary Design	7/30/2018	4/25/2022	1365	7/18/2018	5/13/2022	1395	Completed
3 Final Design	4/25/2022	3/27/2026	1432	5/13/2022	9/22/2026	1593	In Progress
4 Implementation	3/27/2026	3/27/2030	1461	9/22/2026	10/14/2031	1848	Not Started
5 Closeout	3/27/2030	5/31/2030	65	10/14/2031	12/31/2031	78	Not Started
6 Acquisition	4/5/2023	2/24/2025	691	2/8/2024	11/6/2025	637	In Progress
Substantial Completion Date	9/29/2028			11/21/2029			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/25/2022	9/29/2028	2349	400	17.00%
Current Schedule	5/13/2022	11/21/2029	2749		

Cost Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136000 Baring Bridge #509A Replacement STANDALONE

### Cost Variance Comment

Construction start year in 2026 with expectation that construction will take 3 years. FHWA grant for \$22M for construction has been awarded. Added construction timeline and updated construction cost estimate, including escalation/inflation and Construction Management & Inspection costs as well now that we received the grant, is reason for budget variance.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$3,083	\$3,154	\$3,154	\$70	2.00%
3 Final Design	\$2,979,134	\$1,491,231	\$3,149,501	\$170,367	6.00%
4 Implementation	\$16,656,632	\$176,782	\$24,567,398	\$7,910,766	47.00%
5 Closeout	\$30,000	\$0	\$89,703	\$59,703	199.00%
6 Acquisition	\$1,020,206	\$661	\$1,305,219	\$285,013	28.00%
Total	\$20,689,055	\$1,671,827	\$29,114,974	\$8,425,919	40.73%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136234 NE Woodinville-Duvall Road at NE 172nd Street Culvert Replacement STANDALONE

Target Baseline Date	05/16/2022
Actual Baseline Date	10/20/2022
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Jon Cassidy
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Drainage
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	2/27/2019	9/4/2020	Completed	\$0	\$0	\$0
2 Preliminary Design	9/4/2020	5/16/2022	Completed	\$367,670	\$367,670	\$367,670
3 Final Design	5/16/2022	3/7/2023	Completed	\$356,309	\$356,309	\$263,000
4 Implementation	3/7/2023	11/29/2024	In Progress	\$4,092,889	\$4,148,757	\$4,453,230
5 Closeout	11/29/2024	3/11/2025	Not Started	\$297,240	\$0	\$25,000
6 Acquisition	1/29/2021	5/20/2022	Completed	\$3,071	\$3,071	\$3,102
Total				\$5,117,179	\$4,875,807	\$5,112,002

Current Substantial Completion 8/25/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/27/2019	11/4/2019	\$0
2 Preliminary Design	11/4/2019	5/16/2022	\$364,867
3 Final Design	5/16/2022	6/30/2023	\$176,113
4 Implementation	6/30/2023	11/24/2023	\$4,088,400
5 Closeout	11/24/2023	5/10/2024	\$24,272
6 Acquisition	1/29/2021	5/20/2022	\$1,321
Total			\$4,654,973

Baseline Substantial Completion 8/23/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136234 NE Woodinville-Duvall Road at NE 172nd Street Culvert Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Replace the existing 72-inch CMP culvert with a new culvert designed for fish passage, replace guardrail, affected pavement and provide adequate shoulders for traffic. Improve or remove the existing fish ladder at the downstream end of the culvert.

#### Baseline Scope

Replace the existing 72-inch CMP culvert with a new culvert designed for fish passage, replace guardrail, affected pavement and provide adequate shoulders for traffic. Improve or remove the existing fish ladder at the downstream end of the culvert.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/27/2019	11/4/2019	250	2/27/2019	9/4/2020	555	Completed
2 Preliminary Design	11/4/2019	5/16/2022	924	9/4/2020	5/16/2022	619	Completed
3 Final Design	5/16/2022	6/30/2023	410	5/16/2022	3/7/2023	295	Completed
4 Implementation	6/30/2023	11/24/2023	147	3/7/2023	11/29/2024	633	In Progress
5 Closeout	11/24/2023	5/10/2024	168	11/29/2024	3/11/2025	102	Not Started
6 Acquisition	1/29/2021	5/20/2022	476	1/29/2021	5/20/2022	476	Completed
Substantial Completion Date	8/23/2023			8/25/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/16/2022	8/23/2023	464	2	0.00%
Current Schedule	5/16/2022	8/25/2023	466		

Cost  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136234 NE Woodinville-Duvall Road at NE 172nd Street Culvert Replacement STANDALONE

### Cost Variance Comment

During 90% design phase, our design had significant changes, and included some new components, like Roughened channel, lager wood material, Riffle, and New StormFilter. Amendment #10 was approved to do these additional items and included the applicable consultant services, resulting in the increased approved budget. Additional management approved change order adding an additional \$52,956.43 paid in March 2024.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$364,867	\$367,670	\$367,670	\$2,803	1.00%
3 Final Design	\$176,113	\$356,309	\$356,309	\$180,196	102.00%
4 Implementation	\$4,088,400	\$4,148,757	\$4,092,889	\$4,490	0.00%
5 Closeout	\$24,272	\$0	\$297,240	\$272,968	1,125.00%
6 Acquisition	\$1,321	\$3,071	\$3,071	\$1,750	132.00%
Total	\$4,654,973	\$4,875,807	\$5,117,179	\$462,206	9.93%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136238 33609 NE 24th Street Culvert Replacement RSD CWP CLVRT RPLCMT FISH PASS

Target Baseline Date	10/13/2022
Actual Baseline Date	10/13/2022
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Jon Cassidy
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Drainage
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	1/29/2021	10/13/2022	Completed	\$40,241	\$40,241	\$55,000
3 Final Design	10/13/2022	7/1/2024	In Progress	\$0	\$0	\$0
4 Implementation	7/1/2024	12/31/2024	Not Started	\$1,300,000	\$0	\$950,000
5 Closeout	12/31/2024	3/31/2025	Not Started	\$0	\$0	\$0
6 Acquisition	11/21/2019	3/26/2021	Completed	\$7,448	\$7,448	\$2,000
Total				\$1,347,689	\$47,689	\$1,007,000

Current Substantial Completion 9/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	7/26/2018	10/13/2022	\$38,810
3 Final Design	10/13/2022	7/5/2023	\$41,200
4 Implementation	7/11/2022	9/2/2022	\$1,184,500
5 Closeout			\$0
6 Acquisition	11/21/2019	3/26/2021	\$10,863
Total			\$1,275,373

Baseline Substantial Completion 9/15/2023

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All


1136238 33609 NE 24th Street Culvert Replacement  
RSD CWP CLVRT RPLCMT FISH PASS

Scope  Green

Scope Variance Comment

**Current Scope**  
Replace the existing 36-inch CMP with a culvert designed for fish passage. Provide shoe fly route and mitigate for wetland impacts. Repave affected area and provide roadside obstacle protection as needed.

**Baseline Scope**  
Replace the existing 36-inch CMP with a culvert designed for fish passage. Provide shoe fly route and mitigate for wetland impacts. Repave affected area and provide roadside obstacle protection as needed.

Schedule  Red

**Schedule Variance Comment**  
Utility relocation not completed due to contractor default; ROW acquisition was not completed due to extensive complicated floodplain analysis required for flood permit. Results of these delays required construction to be moved to 2024 due to in water work windows. In addition the bypass road requires redesign for a smooth transition for traffic during construction which delayed acquisition on one impacted property.

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	7/26/2018	10/13/2022	1540	1/29/2021	10/13/2022	622	Completed
3 Final Design	10/13/2022	7/5/2023	265	10/13/2022	7/1/2024	627	In Progress
4 Implementation	7/11/2022	9/2/2022	53	7/1/2024	12/31/2024	183	Not Started
5 Closeout				12/31/2024	3/31/2025	90	Not Started
6 Acquisition	11/21/2019	3/26/2021	491	11/21/2019	3/26/2021	491	Completed
Substantial Completion Date	9/15/2023			9/30/2024			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/13/2022	9/15/2023	337	381	113.00%
Current Schedule	10/13/2022	9/30/2024	718		

Cost  Yellow



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1136238 33609 NE 24th Street Culvert Replacement RSD CWP CLVRT RPLCMT FISH PASS

### Cost Variance Comment

Cost increased due to inflation resulting from schedule delays, additional acquisition effort, sub-out appraiser, and additional design analysis.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$38,810	\$40,241	\$40,241	\$1,431	4.00%
3 Final Design	\$41,200	\$0	\$0	(\$41,200)	-100.00%
4 Implementation	\$1,184,500	\$0	\$1,300,000	\$115,500	10.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$10,863	\$7,448	\$7,448	(\$3,416)	-31.00%
Total	\$1,275,373	\$47,689	\$1,347,689	\$72,315	5.67%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138913 Boise X Connection Bridge #3055A Replacement STANDALONE

Target Baseline Date	08/28/2023
Actual Baseline Date	08/28/2023
Council District(s)	9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	5/7/2020	8/28/2023	Completed	\$487,005	\$488,435	\$500,000
3 Final Design	8/28/2023	10/15/2024	In Progress	\$1,031,307	\$799,000	\$1,208,339
4 Implementation	10/15/2024	6/30/2027	Not Started	\$4,770,770	\$69,420	\$5,851,424
5 Closeout	6/30/2027	6/19/2028	Not Started	\$0	\$0	\$5,000
6 Acquisition	9/1/2022	6/3/2024	In Progress	\$12,000	\$0	\$200,000
Total				\$6,301,082	\$1,356,855	\$7,764,763

Current Substantial Completion 10/30/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	12/9/2021	8/28/2023	\$486,265
3 Final Design	8/28/2023	1/30/2025	\$1,815,906
4 Implementation	1/30/2025	6/30/2027	\$4,974,597
5 Closeout	6/30/2027	6/19/2028	\$0
6 Acquisition	9/1/2022	6/23/2024	\$112,014
Total			\$7,388,781

Baseline Substantial Completion 10/30/2025

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138913 Boise X Connection Bridge #3055A Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Replace Boise X Connection Bridge #3055A which is structurally deficient, functionally obsolete and weight restricted.

#### Baseline Scope

To replace Boise X Connection Bridge #3055A which is structurally deficient, functionally obsolete and weight restricted.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning							N/A
2 Preliminary Design	12/9/2021	8/28/2023	627	5/7/2020	8/28/2023	1208	Completed
3 Final Design	8/28/2023	1/30/2025	521	8/28/2023	10/15/2024	414	In Progress
4 Implementation	1/30/2025	6/30/2027	881	10/15/2024	6/30/2027	988	Not Started
5 Closeout	6/30/2027	6/19/2028	355	6/30/2027	6/19/2028	355	Not Started
6 Acquisition	9/1/2022	6/23/2024	661	9/1/2022	6/3/2024	641	In Progress
Substantial Completion Date	10/30/2025			10/30/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/28/2023	10/30/2025	794	0	0.00%
Current Schedule	8/28/2023	10/30/2025	794		

Cost  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138913 Boise X Connection Bridge #3055A Replacement STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$486,265	\$488,435	\$487,005	\$740	0.00%
3 Final Design	\$1,815,906	\$799,000	\$1,031,307	(\$784,599)	-43.00%
4 Implementation	\$4,974,597	\$69,420	\$4,770,770	(\$203,827)	-4.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$112,014	\$0	\$12,000	(\$100,014)	-89.00%
Total	\$7,388,781	\$1,356,855	\$6,301,082	(\$1,087,700)	-14.72%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138914 Fifteen Mile Creek Bridge #493C Replacement STANDALONE

Target Baseline Date	09/07/2021
Actual Baseline Date	09/07/2021
Council District(s)	9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design			N/A	\$1,011	\$1,011	\$1,100
3 Final Design	9/7/2021	10/24/2024	In Progress	\$1,258,637	\$1,044,395	\$1,829,529
4 Implementation	10/24/2024	6/1/2027	Not Started	\$4,529,640	\$60,940	\$5,858,000
5 Closeout	6/1/2027	5/26/2028	Not Started	\$5,305	\$0	\$5,000
6 Acquisition	9/13/2021	5/6/2024	In Progress	\$206,999	\$207,410	\$859,131
Total				\$6,001,592	\$1,313,757	\$8,552,760

Current Substantial Completion 8/29/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$1,011
3 Final Design	9/7/2021	9/30/2022	\$1,239,659
4 Implementation	11/15/2022	12/31/2024	\$4,461,001
5 Closeout	12/31/2024	12/31/2024	\$5,000
6 Acquisition	9/1/2021	6/1/2022	\$445,572
Total			\$6,152,242

Baseline Substantial Completion 9/29/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138914 Fifteen Mile Creek Bridge #493C Replacement STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Fifteen Mile Creek Bridge #493C Replacement - To replace Fifteen Mile Creek Bridge #493C which is structurally deficient, functionally obsolete, and its timber substructure is at the end of its useful life.

#### Baseline Scope

Fifteen Mile Creek Bridge #493C Replacement - To replace Fifteen Mile Creek Bridge #493C which is structurally deficient, functionally obsolete, and its timber substructure is at the end of its useful life.

Schedule  Red

### Schedule Variance Comment

Construction was baselined in 2021 to be advertised November 2022, and as end of 2023 ROW negotiations are not complete. Roads has acquired the necessary property rights from three property owners. One of the four property owner was not responding, and condemnation process has started. This property was sold, and revised appraisal and a new offer is being processed with the new owner. Preparation of the final bid documents and utility relocations to be completed after the ROW acquisition. Construction of the bridge replacement project requires certain elements of work to be done within a permitted fish window, which is primarily in the summer months. The project is designed to be constructed under a full road closure which was planned for the summer school break to minimize traffic impacts. Due to these reasons, construction is delayed until summer of 2025.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design	9/7/2021	9/30/2022	388	9/7/2021	10/24/2024	1143	In Progress
4 Implementation	11/15/2022	12/31/2024	777	10/24/2024	6/1/2027	950	Not Started
5 Closeout	12/31/2024	12/31/2024	0	6/1/2027	5/26/2028	360	Not Started
6 Acquisition	9/1/2021	6/1/2022	273	9/13/2021	5/6/2024	966	In Progress
Substantial Completion Date	9/29/2023			8/29/2025			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/7/2021	9/29/2023	752	700	93.00%
Current Schedule	9/7/2021	8/29/2025	1452		

# Q1 2024 Baseline Detail Report

1138914 Fifteen Mile Creek Bridge #493C Replacement  
STANDALONE

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Cost

Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$1,011	\$1,011	\$1,011	\$0	0.00%
3 Final Design	\$1,239,659	\$1,044,395	\$1,258,637	\$18,978	2.00%
4 Implementation	\$4,461,001	\$60,940	\$4,529,640	\$68,639	2.00%
5 Closeout	\$5,000	\$0	\$5,305	\$304	6.00%
6 Acquisition	\$445,572	\$207,410	\$206,999	(\$238,572)	-54.00%
Total	\$6,152,242	\$1,313,757	\$6,001,592	(\$150,651)	-2.45%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138918 16th Avenue SW Pedestrian Improvements and Traffic Calming STANDALONE

Target Baseline Date	11/17/2023
Actual Baseline Date	11/20/2023
Council District(s)	8
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	8/31/2020	11/17/2023	Completed	\$140,430	\$140,430	\$140,000
3 Final Design	11/17/2023	4/1/2025	In Progress	\$323,249	\$179,266	\$226,600
4 Implementation	4/1/2025	6/30/2026	Not Started	\$1,073,075	\$0	\$881,400
5 Closeout	6/30/2026	8/31/2026	Not Started	\$10,514	\$0	\$5,000
6 Acquisition	6/1/2021	3/29/2024	Completed	\$450,000	\$161,367	\$183,001
Total				\$1,997,268	\$481,062	\$1,436,001

Current Substantial Completion 10/31/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	8/31/2020	11/20/2023	\$140,430
3 Final Design	11/20/2023	9/30/2024	\$427,017
4 Implementation	9/30/2024	3/31/2026	\$1,342,226
5 Closeout	3/31/2026	4/30/2026	\$10,461
6 Acquisition	6/1/2021	3/29/2024	\$449,953
Total			\$2,370,086

Baseline Substantial Completion 6/30/2025



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138918 16th Avenue SW Pedestrian Improvements and Traffic Calming STANDALONE

Scope  Green

### Scope Variance Comment

### Current Scope

To design and construct pedestrian and other non-motorized improvements on 16th Avenue SW between SW 107th Street and SW 100th Street in White Center.

### Baseline Scope

Install pedestrian crossing and traffic calming measures. Measures include, but may not be limited to, road diet, curb extensions, sidewalk extensions, and rectangular rapid flashing beacons at unsignalized pedestrian crossings

Schedule  Red

### Schedule Variance Comment

We have been waiting since March 2023 to receive the additional funding we needed to complete design via the Covid Relief Funds. We have been diligent on our end to submit the documents to WSDOT, but they have been inundated with applications without any increase in staff to handle the influx. Jim Ishimaru has done a good job of "poking" WSDOT every so often to see if we can get things moving ahead. He just learned on Monday that the Covid Relief package went from WSDOT Local Programs to WSDOT Headquarters, so I am hoping we can move forward soon. The issue we have is that the delay has made our previous appraisal work out-of-date, so we have to start that process again. Leslie and Cindy have taken steps to secure an appraiser so we are ready to go when the funds are available. Schedule impacted by wait for release of Covid Relief funding (an unusual wait of 11 months between March 2023 to February 2024). Covid Relief funds were needed to complete design from 90% to 100% and to acquire R/W and permit encroachments. Both R/W and final design are fully underway now.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	8/31/2020	11/20/2023	1176	8/31/2020	11/17/2023	1173	Completed
3 Final Design	11/20/2023	9/30/2024	315	11/17/2023	4/1/2025	501	In Progress
4 Implementation	9/30/2024	3/31/2026	547	4/1/2025	6/30/2026	455	Not Started
5 Closeout	3/31/2026	4/30/2026	30	6/30/2026	8/31/2026	62	Not Started
6 Acquisition	6/1/2021	3/29/2024	1032	6/1/2021	3/29/2024	1032	Completed
Substantial Completion Date	6/30/2025			10/31/2025			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/20/2023	6/30/2025	588	126	21.00%
Current Schedule	11/17/2023	10/31/2025	714		

Q1 2024 Baseline Detail Report

1138918 16th Avenue SW Pedestrian Improvements and Traffic Calming  
STANDALONE

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Cost

Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$140,430	\$140,430	\$140,430	\$0	0.00%
3 Final Design	\$427,017	\$179,266	\$323,249	(\$103,767)	-24.00%
4 Implementation	\$1,342,226	\$0	\$1,073,075	(\$269,151)	-20.00%
5 Closeout	\$10,461	\$0	\$10,514	\$53	1.00%
6 Acquisition	\$449,953	\$161,367	\$450,000	\$47	0.00%
Total	\$2,370,086	\$481,062	\$1,997,268	(\$372,818)	-15.73%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138947 46913 284th Avenue S - Culvert Replacement - Fish Passage RSD CWP CLVRT RPLCMT FISH PASS

Target Baseline Date	07/14/2022
Actual Baseline Date	07/14/2022
Council District(s)	9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Jon Cassidy
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Drainage
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	5/1/2021	7/14/2022	Completed	\$14,461	\$14,461	\$20,000
3 Final Design	7/14/2022	7/12/2023	N/A	\$0	\$0	\$0
4 Implementation	8/9/2023	11/10/2023	N/A	\$1,603,419	\$1,748,362	\$1,088,000
5 Closeout	11/1/2023	4/15/2024	N/A	\$0	\$0	\$0
6 Acquisition	7/1/2021	5/1/2023	Completed	\$32,616	\$32,616	\$35,000
Total				\$1,650,496	\$1,795,439	\$1,143,000

Current Substantial Completion 9/22/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	5/1/2021	7/14/2022	\$27,722
3 Final Design	7/14/2022	7/3/2023	\$0
4 Implementation	7/3/2023	11/1/2023	\$968,525
5 Closeout	11/1/2023	12/31/2023	\$5,150
6 Acquisition	7/1/2021	3/1/2022	\$0
Total			\$1,001,398

Baseline Substantial Completion 9/1/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1138947 46913 284th Avenue S - Culvert Replacement - Fish Passage  
RSD CWP CLVRT RPLCMT FISH PASS

Scope  Green

## Scope Variance Comment

### Current Scope

Replace an existing 36-inch corrugated metal cross pipe with a bridge utilizing a precast reinforced concrete box culvert.

### Baseline Scope

Replace an existing 36-inch corrugated metal cross pipe with a bridge utilizing a precast reinforced concrete box culvert.

Schedule  Yellow

## Schedule Variance Comment

Design elements, such as stormwater treatment design and LWM placement, were added at around 90% level design. Due to the drainage unit being understaffed, the project manager was also the design engineer on the project and prepared all the required documentation, including the Flood Hazard Certification package. That delayed the completion of the 100% plans by about 3 weeks. The construction started a month later than scheduled due to the Flood Hazard Certification taking longer than anticipated. However, the substantial completion was achieved 8 days earlier than scheduled by having two construction crews working overtime.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	5/1/2021	7/14/2022	439	5/1/2021	7/14/2022	439	Completed
3 Final Design	7/14/2022	7/3/2023	354	7/14/2022	7/12/2023	363	N/A
4 Implementation	7/3/2023	11/1/2023	121	8/9/2023	11/10/2023	93	N/A
5 Closeout	11/1/2023	12/31/2023	60	11/1/2023	4/15/2024	166	N/A
6 Acquisition	7/1/2021	3/1/2022	243	7/1/2021	5/1/2023	669	Completed
Substantial Completion Date	9/1/2023			9/22/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/14/2022	9/1/2023	414	21	5.00%
Current Schedule	7/14/2022	9/22/2023	435		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1138947 46913 284th Avenue S - Culvert Replacement - Fish Passage RSD CWP CLVRT RPLCMT FISH PASS

### Cost Variance Comment

The construction cost estimate at the baseline was prepared by the former construction manager. The new construction manager updated the cost estimate using BR 3 rate, which added \$133,000 to the construction cost estimate. Also, storm water treatment was added to the design after the baseline approval, following the new guidance of Department of Ecology on stormwater treatment of tire contaminants. This added \$97,000 to the initial budget. Also, a pedestrian fence was added after 30% level design, that increased the budget by another \$18,000. Other cost increases: the project construction start date got delayed pending the Flood Hazard Certification. The change in frame for reduced schedule from a single crew on 5/10 schedule to full crew everyday 7/12 schedule caused an increase of \$73,000. The box culvert and wing walls cost increased by \$35,000 per 2023 updated rates. Crane rental cost increased by \$40,000 based on need for a bigger crane. The storm filters cost increased by \$19,000. They were also delivered late, which caused an increase of \$35,000 for re-mobilization and large excavator rental for the filter system installation. Extra tree work not expected caused a cost increase of \$2,800.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$27,722	\$14,461	\$14,461	(\$13,261)	-48.00%
3 Final Design	\$0	\$0	\$0	\$0	0.00%
4 Implementation	\$968,525	\$1,748,362	\$1,603,419	\$634,894	66.00%
5 Closeout	\$5,150	\$0	\$0	(\$5,150)	-100.00%
6 Acquisition	\$0	\$32,616	\$32,616	\$32,616	0.00%
<b>Total</b>	<b>\$1,001,398</b>	<b>\$1,795,439</b>	<b>\$1,650,496</b>	<b>\$649,099</b>	<b>64.82%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140858 244th Avenue NE and State Route 202 - Winter 2020 Quick Response RSD CWP QUICK RESPONSE

Target Baseline Date	11/03/2022
Actual Baseline Date	11/03/2022
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/1/2020	9/1/2020	Completed	\$0	\$0	\$0
2 Preliminary Design	9/1/2020	11/3/2022	Completed	\$225,503	\$225,543	\$200,000
3 Final Design	11/3/2022	1/25/2024	Completed	\$392,817	\$381,971	\$377,500
4 Implementation	1/25/2024	12/31/2025	In Progress	\$2,785,017	\$32,385	\$3,026,001
5 Closeout	12/31/2025	12/31/2026	Not Started	\$5,963	\$0	\$0
6 Acquisition	6/3/2022	4/30/2023	Completed	\$11,953	\$11,953	\$32,904
Total				\$3,421,253	\$651,851	\$3,636,405

Current Substantial Completion 8/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	9/1/2020	12/14/2021	\$0
2 Preliminary Design	12/16/2021	11/3/2022	\$219,689
3 Final Design	11/3/2022	9/16/2022	\$191,696
4 Implementation	3/1/2023	9/30/2024	\$3,296,000
5 Closeout	9/30/2024	12/31/2025	\$5,150
6 Acquisition	6/3/2022	1/3/2023	\$10,300
Total			\$3,722,835

Baseline Substantial Completion 9/9/2023

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140858 244th Avenue NE and State Route 202 - Winter 2020 Quick Response RSD CWP QUICK RESPONSE

**Scope**  Green

### Scope Variance Comment

#### Current Scope

To repair 244th Avenue NE, about 600 feet off NE Redmond Fall City Road, which was damaged as a result of a storm in February 2020.

#### Baseline Scope

To repair 244th Avenue NE, about 600 feet off NE Redmond Fall City Road, which was damaged as a result of a storm in February 2020.

**Schedule**  Red

### Schedule Variance Comment

This is Federal Funds project which requires WSDOT to review and certify Right of way, this took longer than scheduled. Which caused us to miss the summer construction window, and construction had to be pushed to summer 2024.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	9/1/2020	12/14/2021	469	9/1/2020	9/1/2020	0	Completed
2 Preliminary Design	12/16/2021	11/3/2022	322	9/1/2020	11/3/2022	793	Completed
3 Final Design	11/3/2022	9/16/2022	-48	11/3/2022	1/25/2024	448	Completed
4 Implementation	3/1/2023	9/30/2024	579	1/25/2024	12/31/2025	706	In Progress
5 Closeout	9/30/2024	12/31/2025	457	12/31/2025	12/31/2026	365	Not Started
6 Acquisition	6/3/2022	1/3/2023	214	6/3/2022	4/30/2023	331	Completed
Substantial Completion Date	9/9/2023			8/30/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/3/2022	9/9/2023	310	356	114.00%
Current Schedule	11/3/2022	8/30/2024	666		

**Cost**  Green

### Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1140858 244th Avenue NE and State Route 202 - Winter 2020 Quick Response RSD CWP QUICK RESPONSE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$219,689	\$225,543	\$225,503	\$5,814	3.00%
3 Final Design	\$191,696	\$381,971	\$392,817	\$201,121	105.00%
4 Implementation	\$3,296,000	\$32,385	\$2,785,017	(\$510,983)	-16.00%
5 Closeout	\$5,150	\$0	\$5,963	\$813	16.00%
6 Acquisition	\$10,300	\$11,953	\$11,953	\$1,653	16.00%
Total	\$3,722,835	\$651,851	\$3,421,253	(\$301,582)	-8.10%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141001 Tolt Bridge #1834A - NE Tolt Hill RD - Winter 2020 Repair RSD CWP QUICK RESPONSE

Target Baseline Date	01/20/2023
Actual Baseline Date	01/20/2023
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	11/2/2020	9/1/2020	Completed	\$0	\$0	\$0
2 Preliminary Design	9/1/2020	1/20/2023	Completed	\$282,505	\$282,505	\$298,000
3 Final Design	1/20/2023	12/13/2023	Completed	\$476,542	\$475,145	\$753,903
4 Implementation	12/13/2023	4/17/2025	In Progress	\$1,829,181	\$50,825	\$2,062,135
5 Closeout	4/17/2025	3/30/2026	Not Started	\$6,365	\$0	\$7,000
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$2,594,593	\$808,474	\$3,121,038

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/2/2020	10/13/2021	\$0
2 Preliminary Design	10/13/2021	1/20/2023	\$264,188
3 Final Design	1/20/2023	1/8/2024	\$598,843
4 Implementation	1/8/2024	6/27/2025	\$2,338,886
5 Closeout	6/27/2025	3/30/2026	\$6,753
6 Acquisition			\$0
Total			\$3,208,670

Baseline Substantial Completion

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1141001 Tolt Bridge #1834A - NE Tolt Hill RD - Winter 2020 Repair  
RSD CWP QUICK RESPONSE

Scope ● Green

Scope Variance Comment

**Current Scope**  
to stabilize the bank slopes and restore the bridge structure soil supports and repair the damaged gabion wall and guardrails at the west approach at Tolt Bridge 1834A on NE Tolt Hill Road.

**Baseline Scope**  
to stabilize the bank slopes and restore the bridge structure soil supports and repair the damaged gabion wall and guardrails at the west approach at Tolt Bridge 1834A on NE Tolt Hill Road.

Schedule ● Red

**Schedule Variance Comment**  
Delay in advertisement of the contract, due to awaiting WSDOT approval of PS&E package. Unexpected 70-day lead time for soldier pile supplier. Contractor's failure to provide approved submittals as scheduled, resulting in a delay in construction start date.

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/2/2020	10/13/2021	345	11/2/2020	9/1/2020	-62	Completed
2 Preliminary Design	10/13/2021	1/20/2023	464	9/1/2020	1/20/2023	871	Completed
3 Final Design	1/20/2023	1/8/2024	353	1/20/2023	12/13/2023	327	Completed
4 Implementation	1/8/2024	6/27/2025	536	12/13/2023	4/17/2025	491	In Progress
5 Closeout	6/27/2025	3/30/2026	276	4/17/2025	3/30/2026	347	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/7/2024			10/3/2024			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/20/2023	6/7/2024	504	118	23.00%
Current Schedule	1/20/2023	10/3/2024	622		

Cost ● Green

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1141001 Tolt Bridge #1834A - NE Tolt Hill RD - Winter 2020 Repair

RSD CWP QUICK RESPONSE

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$264,188	\$282,505	\$282,505	\$18,317	7.00%
3 Final Design	\$598,843	\$475,145	\$476,542	(\$122,301)	-20.00%
4 Implementation	\$2,338,886	\$50,825	\$1,829,181	(\$509,705)	-22.00%
5 Closeout	\$6,753	\$0	\$6,365	(\$388)	-6.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,208,670	\$808,474	\$2,594,593	(\$614,077)	-19.14%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141111 2019-20 Guardrail Preservation Tier 3 RSD CWP GUARDRAIL PRESERVATION

Target Baseline Date	04/07/2022
Actual Baseline Date	04/07/2022
Council District(s)	
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2020	5/31/2020	Completed	\$0	\$0	\$0
2 Preliminary Design	6/1/2020	4/7/2022	Completed	\$0	\$0	\$0
3 Final Design	4/7/2022	10/5/2022	Completed	\$0	\$0	\$0
4 Implementation	10/5/2022	3/14/2024	Completed	\$1,658,917	\$1,658,917	\$1,658,917
5 Closeout	3/14/2024	6/30/2024	In Progress	\$1,667	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,660,584	\$1,658,917	\$1,658,917

Current Substantial Completion 8/4/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/1/2020	5/31/2020	\$0
2 Preliminary Design	6/1/2020	4/7/2022	\$0
3 Final Design	4/7/2022	9/7/2022	\$0
4 Implementation	10/31/2022	2/28/2023	\$1,740,000
5 Closeout	3/1/2023	12/31/2023	\$10,200
6 Acquisition			\$0
Total			\$1,750,200

Baseline Substantial Completion 12/30/2022

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141111 2019-20 Guardrail Preservation Tier 3 RSD CWP GUARDRAIL PRESERVATION

Scope  Green

### Scope Variance Comment

### Current Scope

Upgrades to existing guardrail systems on Tier 3 roadways plus approach and bridge rails at four Tier 1/2 bridges

### Baseline Scope

Upgrades to existing guardrail systems on Tier 3 roadways plus approach and bridge rails at four Tier 1/2 bridges

Schedule  Red

### Schedule Variance Comment

The plans included four bridges and we needed to relocate utility lines and were learning as we went how much time this process takes, which added additional work to the schedule. When the work was completed there wasn't enough staffing resources to complete the project until the fall and the schedule was delayed further. Advertisement was delayed 27 days due to vacation schedules impacting the Ready-to-Ad paperwork approvals (internal to Roads); then large volume of contracts hitting Procurement and inadequate staff to handle the volume late in 2022. Notice to Proceed was delayed 92 days due to Procurement shut downs in November/December 2022 due to staff vacations and holidays; plus material approvals for bridges within the contract scope. Once the Notice to Proceed was received, the Contractor submitted their schedule and the Substantial Completion date was updated. Now in construction additional delays were added due to additional guardrail work added to the contract, delays in consultant review of shop drawings, unforeseen obstructions in the path of proposed approach rail at two bridges (concrete over water and comm lines), and complexity in the installation of custom bridge rail and components at several bridges; especially Cedar River Bridge on SE Cedar Grove Rd. Management approved these changes.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/1/2020	5/31/2020	151	1/1/2020	5/31/2020	151	Completed
2 Preliminary Design	6/1/2020	4/7/2022	675	6/1/2020	4/7/2022	675	Completed
3 Final Design	4/7/2022	9/7/2022	153	4/7/2022	10/5/2022	181	Completed
4 Implementation	10/31/2022	2/28/2023	120	10/5/2022	3/14/2024	526	Completed
5 Closeout	3/1/2023	12/31/2023	305	3/14/2024	6/30/2024	108	In Progress
6 Acquisition							N/A
Substantial Completion Date	12/30/2022			8/4/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1141111 2019-20 Guardrail Preservation Tier 3 RSD CWP GUARDRAIL PRESERVATION

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/7/2022	12/30/2022	267	217	81.00%
Current Schedule	4/7/2022	8/4/2023	484		

Cost  Green

### Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$0	\$0	\$0	0.00%
4 Implementation	\$1,740,000	\$1,658,917	\$1,658,917	(\$81,083)	-5.00%
5 Closeout	\$10,200	\$0	\$1,667	(\$8,533)	-84.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,750,200	\$1,658,917	\$1,660,584	(\$89,616)	-5.12%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142035 Economy and Climate Equity ADA Ramps STANDALONE

Target Baseline Date	06/01/2023
Actual Baseline Date	06/01/2023
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	5/9/2022	10/3/2022	Completed	\$0	\$0	\$0
2 Preliminary Design	10/3/2022	6/1/2023	Completed	\$204,193	\$204,193	\$205,000
3 Final Design	6/1/2023	5/23/2024	In Progress	\$177,683	\$184,345	\$285,000
4 Implementation	5/23/2024	3/14/2025	Not Started	\$1,051,697	\$0	\$940,000
5 Closeout	3/14/2025	7/23/2025	Not Started	\$8,885	\$0	\$10,000
6 Acquisition			N/A	\$59,000	\$27,825	\$60,000
Total				\$1,501,459	\$416,364	\$1,500,000

Current Substantial Completion 11/13/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/20/2022	6/30/2022	\$0
2 Preliminary Design	7/1/2022	6/1/2023	\$105,218
3 Final Design	6/1/2023	12/29/2023	\$190,000
4 Implementation	4/1/2024	12/31/2024	\$1,237,603
5 Closeout	1/2/2025	5/30/2025	\$9,426
6 Acquisition			\$0
Total			\$1,542,246

Baseline Substantial Completion 10/3/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142035 Economy and Climate Equity ADA Ramps STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Improve access to bus service in transit-dependent neighborhoods through Americans with Disabilities Act (ADA) improvements to pedestrian facilities. Improvements will address high-priority pedestrian barriers identified through Roads' recently completed 2021 King County Roads American with Disabilities Act Transition Plan. This capital investment will bring existing (up to 60) ADA ramps up to contemporary standards along Metro Transit RapidRide "H" Line corridor. These investments will facilitate the use of active transportation and transit for people with disabilities, people using strollers, people with limited mobility, older people, and the community at large.

#### Baseline Scope

Improve access to bus service in transit-dependent neighborhoods through Americans with Disabilities Act (ADA) improvements to pedestrian facilities. Improvements will address high-priority pedestrian barriers identified through Roads' recently completed 2021 King County Roads American with Disabilities Act Transition Plan. This capital investment will bring existing (up to 60) ADA ramps up to contemporary standards along Metro Transit RapidRide "H" Line corridor. These investments will facilitate the use of active transportation and transit for people with disabilities, people using strollers, people with limited mobility, older people, and the community at large.

Schedule  Yellow

### Schedule Variance Comment

The ROW plans took more time due to significant numbers of Parcels needing TCE, some of them including permanent ROW. Reviewing the ROW plans, writing legal descriptions, and assessing the survey team's workload on other tasks impacted the schedule for about two months. The amount of work needed to process the ROW was more than anticipated. The ROW acquisition was scheduled with a completion date at the end of February 2024, but the last two parcels are still about to be completed in April 2024, delaying the project schedule.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/20/2022	6/30/2022	71	5/9/2022	10/3/2022	147	Completed
2 Preliminary Design	7/1/2022	6/1/2023	335	10/3/2022	6/1/2023	241	Completed
3 Final Design	6/1/2023	12/29/2023	211	6/1/2023	5/23/2024	357	In Progress
4 Implementation	4/1/2024	12/31/2024	274	5/23/2024	3/14/2025	295	Not Started
5 Closeout	1/2/2025	5/30/2025	148	3/14/2025	7/23/2025	131	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/3/2024			11/13/2024			



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142035 Economy and Climate Equity ADA Ramps STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/1/2023	10/3/2024	490	41	8.00%
Current Schedule	6/1/2023	11/13/2024	531		

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$105,218	\$204,193	\$204,193	\$98,976	94.00%
3 Final Design	\$190,000	\$184,345	\$177,683	(\$12,317)	-6.00%
4 Implementation	\$1,237,603	\$0	\$1,051,697	(\$185,906)	-15.00%
5 Closeout	\$9,426	\$0	\$8,885	(\$541)	-6.00%
6 Acquisition	\$0	\$27,825	\$59,000	\$59,000	0.00%
Total	\$1,542,246	\$416,364	\$1,501,459	(\$40,788)	-2.64%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142850 Duvall Slough Bridge #1136B - Redeck RSD CWP BRIDGE PRIORITY MAINT

Target Baseline Date	07/05/2023
Actual Baseline Date	07/05/2023
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Larry Jaramillo
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Bridges and Structures
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	10/7/2021	7/5/2023	Completed	\$54,984	\$54,984	\$30,000
3 Final Design	7/5/2023	4/29/2024	In Progress	\$140,214	\$141,902	\$155,801
4 Implementation	4/29/2024	3/28/2025	Not Started	\$1,509,802	\$0	\$1,759,501
5 Closeout	3/28/2025	3/18/2026	Not Started	\$5,090	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,710,091	\$196,887	\$1,945,301

Current Substantial Completion 8/30/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	4/4/2022	7/5/2023	\$54,984
3 Final Design	7/5/2023	5/20/2024	\$170,877
4 Implementation	5/20/2024	10/30/2025	\$1,824,040
5 Closeout	10/30/2025	3/18/2026	\$5,243
6 Acquisition			\$0
Total			\$2,055,144

Baseline Substantial Completion 8/30/2024

Q1 2024 Baseline Detail Report

1142850 Duvall Slough Bridge #1136B - Redeck  
RSD CWP BRIDGE PRIORITY MAINT

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Scope  Green

Scope Variance Comment

Current Scope  
Redeck bridge with structural overlay

Baseline Scope  
Redeck bridge with structural overlay

Schedule  Green

Schedule Variance Comment

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning							N/A
2 Preliminary Design	4/4/2022	7/5/2023	457	10/7/2021	7/5/2023	636	Completed
3 Final Design	7/5/2023	5/20/2024	320	7/5/2023	4/29/2024	299	In Progress
4 Implementation	5/20/2024	10/30/2025	528	4/29/2024	3/28/2025	333	Not Started
5 Closeout	10/30/2025	3/18/2026	139	3/28/2025	3/18/2026	355	Not Started
6 Acquisition							N/A
Substantial Completion Date	8/30/2024			8/30/2024			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/5/2023	8/30/2024	422	0	0.00%
Current Schedule	7/5/2023	8/30/2024	422		

Cost  Green

Cost Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1142850 Duvall Slough Bridge #1136B - Redeck RSD CWP BRIDGE PRIORITY MAINT

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$54,984	\$54,984	\$54,984	\$0	0.00%
3 Final Design	\$170,877	\$141,902	\$140,214	(\$30,663)	-18.00%
4 Implementation	\$1,824,040	\$0	\$1,509,802	(\$314,238)	-17.00%
5 Closeout	\$5,243	\$0	\$5,090	(\$153)	-3.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,055,144	\$196,887	\$1,710,091	(\$345,054)	-16.79%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143337 2021-22 Guardrail Preservation RSD CWP GUARDRAIL PRESERVATION

Target Baseline Date	09/18/2023
Actual Baseline Date	09/18/2023
Council District(s)	3, 9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Roadside
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/1/2021	3/9/2022	Completed	\$0	\$0	\$0
2 Preliminary Design	3/9/2022	9/18/2023	Completed	\$0	\$0	\$0
3 Final Design	9/18/2023	9/16/2024	In Progress	\$223,684	\$184,966	\$280,000
4 Implementation	9/16/2024	9/4/2025	Not Started	\$978,500	\$0	\$1,017,455
5 Closeout	9/4/2025	12/31/2025	Not Started	\$3,090	\$0	\$0
6 Acquisition	7/3/2023	7/3/2023	Completed	\$0	\$0	\$0
Total				\$1,205,274	\$184,966	\$1,297,455

Current Substantial Completion 5/5/2025

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/1/2021	3/9/2022	\$0
2 Preliminary Design	7/10/2023	9/18/2023	\$0
3 Final Design	9/18/2023	4/16/2024	\$178,419
4 Implementation	4/16/2024	12/31/2024	\$983,093
5 Closeout	12/31/2024	6/28/2025	\$5,243
6 Acquisition	7/3/2023	7/3/2023	\$0
Total			\$1,166,754

Baseline Substantial Completion 7/23/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143337 2021-22 Guardrail Preservation RSD CWP GUARDRAIL PRESERVATION

Scope  Green

### Scope Variance Comment

#### Current Scope

To design and construct upgrades to bridge rails based on the bridge priority array.

#### Baseline Scope

To design and construct upgrades to bridge rails based on the bridge priority array.

Schedule  Red

### Schedule Variance Comment

The schedule was extended to recognize the increased time for completing additional permits that were not originally anticipated. The updated schedule will start outside of the summer months in the wet season to obtain more competitive bids and allow for when construction inspectors will be more available. Resolution of obtaining the necessary permits is still ongoing, which has been escalated to the County Road Engineer.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/1/2021	3/9/2022	98	12/1/2021	3/9/2022	98	Completed
2 Preliminary Design	7/10/2023	9/18/2023	70	3/9/2022	9/18/2023	558	Completed
3 Final Design	9/18/2023	4/16/2024	211	9/18/2023	9/16/2024	364	In Progress
4 Implementation	4/16/2024	12/31/2024	259	9/16/2024	9/4/2025	353	Not Started
5 Closeout	12/31/2024	6/28/2025	179	9/4/2025	12/31/2025	118	Not Started
6 Acquisition	7/3/2023	7/3/2023	0	7/3/2023	7/3/2023	0	Completed
Substantial Completion Date	7/23/2024			5/5/2025			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	9/18/2023	7/23/2024	309	286	92.00%
Current Schedule	9/18/2023	5/5/2025	595		

Cost  Yellow

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1143337 2021-22 Guardrail Preservation RSD CWP GUARDRAIL PRESERVATION

### Cost Variance Comment

The cost was slightly increased due to several amendments that were executed for the consultant completing design. The first amendment added two additional bridges to the contract that were previously designed to 90%. The second amendment added a third drawing for additional retrofit details on two timber bridges.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$178,419	\$184,966	\$223,684	\$45,265	25.00%
4 Implementation	\$983,093	\$0	\$978,500	(\$4,593)	0.00%
5 Closeout	\$5,243	\$0	\$3,090	(\$2,153)	-41.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
<b>Total</b>	<b>\$1,166,754</b>	<b>\$184,966</b>	<b>\$1,205,274</b>	<b>\$38,520</b>	<b>3.30%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1145300 RSD 2023 COUNTYWIDE PAVEMENT PRESERVATION RSD CWP ROADWAY PRESERVATION

Target Baseline Date	08/08/2023
Actual Baseline Date	08/08/2023
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	12/1/2022	1/30/2023	Completed	\$0	\$0	\$0
2 Preliminary Design	1/30/2023	8/8/2023	Completed	\$0	\$0	\$0
3 Final Design	8/8/2023	6/1/2023	Completed	\$0	\$0	\$0
4 Implementation	6/1/2023	9/30/2024	In Progress	\$1,231,983	\$70,127	\$1,503,000
5 Closeout	9/30/2024	6/30/2025	Not Started	\$0	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$1,231,983	\$70,127	\$1,503,000

Current Substantial Completion 8/31/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	12/1/2022		\$0
2 Preliminary Design		8/8/2023	\$0
3 Final Design	8/8/2023	8/14/2023	\$0
4 Implementation	8/14/2023	9/30/2024	\$1,410,540
5 Closeout	9/30/2024	6/30/2025	\$0
6 Acquisition			\$0
Total			\$1,410,540

Baseline Substantial Completion 6/30/2024



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1145300 RSD 2023 COUNTYWIDE PAVEMENT PRESERVATION RSD CWP ROADWAY PRESERVATION

Scope  Green

### Scope Variance Comment

#### Current Scope

To perform pavement preservation at various locations throughout unincorporated King County. The work consists of grading gravel shoulders, removing and replacing pavement markings, planing bituminous surfaces, excavating the roadway, placing crushed surface base course or top course, paving with hot mix asphalt, resurfacing with bituminous surface treatments, concrete work on curb ramps and sidewalks, erosion control, pulverizing pavement, replacing induction loops, and/or other work as needed.

#### Baseline Scope

To perform pavement preservation at various locations throughout unincorporated King County. The work consists of grading gravel shoulders, removing and replacing pavement markings, planing bituminous surfaces, excavating the roadway, placing crushed surface base course or top course, paving with hot mix asphalt, resurfacing with bituminous surface treatments, concrete work on curb ramps and sidewalks, erosion control, pulverizing pavement, replacing induction loops, and/or other work as needed.

Schedule  Red

### Schedule Variance Comment

Project was submitted to Procurement in spring 2023, but advertisement process took approximately two months longer than past projects due to staffing issues in Procurement. August 2023 construction started but construction ended, as usual, in October 2023 due to the weather-dependent nature of paving work. Anticipate construction commencing again May 2024 and finishing by early summer.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	12/1/2022			12/1/2022	1/30/2023	60	Completed
2 Preliminary Design		8/8/2023		1/30/2023	8/8/2023	190	Completed
3 Final Design	8/8/2023	8/14/2023	6	8/8/2023	6/1/2023	-68	Completed
4 Implementation	8/14/2023	9/30/2024	413	6/1/2023	9/30/2024	487	In Progress
5 Closeout	9/30/2024	6/30/2025	273	9/30/2024	6/30/2025	273	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/30/2024			8/31/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/8/2023	6/30/2024	327	62	18.00%
Current Schedule	8/8/2023	8/31/2024	389		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

**1145300 RSD 2023 COUNTYWIDE PAVEMENT PRESERVATION**

**RSD CWP ROADWAY PRESERVATION**

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$0	\$0	\$0	0.00%
4 Implementation	\$1,410,540	\$70,127	\$1,231,983	(\$178,557)	-13.00%
5 Closeout	\$0	\$0	\$0	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$1,410,540	\$70,127	\$1,231,983	(\$178,557)	-12.66%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1147048 RSD 2024 COUNTYWIDE PAVEMENT PRESERVATION RSD CWP ROADWAY PRESERVATION

Target Baseline Date	03/04/2024
Actual Baseline Date	03/04/2024
Council District(s)	3, 9
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design			N/A	\$0	\$0	\$0
3 Final Design	3/4/2024	5/9/2024	In Progress	\$0	\$0	\$0
4 Implementation	5/9/2024	3/31/2025	Not Started	\$3,844,403	\$0	\$3,843,812
5 Closeout	3/31/2025	6/30/2025	Not Started	\$5,127	\$0	\$0
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,849,531	\$0	\$3,843,812

Current Substantial Completion 10/31/2024


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design	3/4/2024	5/9/2024	\$0
4 Implementation	5/9/2024	3/31/2025	\$3,844,403
5 Closeout	3/31/2025	6/30/2025	\$5,127
6 Acquisition			\$0
Total			\$3,849,531

Baseline Substantial Completion 10/31/2024

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1147048 RSD 2024 COUNTYWIDE PAVEMENT PRESERVATION RSD CWP ROADWAY PRESERVATION

Scope  Green

### Scope Variance Comment

#### Current Scope

To perform pavement preservation at various locations throughout unincorporated King County. The work consists of grading gravel shoulders, removal of pavement markings, planing bituminous surfaces, roadway excavation, pavement repair excavation, placing crushed surface base course or top course, paving with hot mix asphalt, resurfacing with bituminous surface treatments, concrete work on curb ramps and sidewalks, erosion control, induction loop replacement, and/or other work as needed.

#### Baseline Scope

To perform pavement preservation at various locations throughout unincorporated King County. The work consists of grading gravel shoulders, removal of pavement markings, planing bituminous surfaces, roadway excavation, pavement repair excavation, placing crushed surface base course or top course, paving with hot mix asphalt, resurfacing with bituminous surface treatments, concrete work on curb ramps and sidewalks, erosion control, induction loop replacement, and/or other work as needed.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design	3/4/2024	5/9/2024	66	3/4/2024	5/9/2024	66	In Progress
4 Implementation	5/9/2024	3/31/2025	326	5/9/2024	3/31/2025	326	Not Started
5 Closeout	3/31/2025	6/30/2025	91	3/31/2025	6/30/2025	91	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/31/2024			10/31/2024			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/4/2024	10/31/2024	241	0	0.00%
Current Schedule	3/4/2024	10/31/2024	241		

Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1147048 RSD 2024 COUNTYWIDE PAVEMENT PRESERVATION  
RSD CWP ROADWAY PRESERVATION

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$0	\$0	\$0	0.00%
4 Implementation	\$3,844,403	\$0	\$3,844,403	\$0	0.00%
5 Closeout	\$5,127	\$0	\$5,127	\$0	0.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,849,531	\$0	\$3,849,531	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129595 NE Old Cascade Hwy (Miller River Bridge 999W West) Culvert Replacement STANDALONE

Target Baseline Date	12/19/2017
Actual Baseline Date	01/19/2018
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Jon Cassidy
RMP Reporting	No - Exempt Program/Planning/Other
Publish Quarter	Q1 2024
Portfolio	Drainage
Subportfolio	

Last updated by KC\SiemensA on 4/24/2024 1:11:09 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	4/24/2017	12/19/2017	Completed	\$0	\$0	\$0
3 Final Design	12/19/2017	12/23/2022	Completed	\$658,300	\$658,300	\$670,000
4 Implementation	12/23/2022	11/29/2024	In Progress	\$1,387,452	\$1,387,452	\$1,575,000
5 Closeout	11/29/2024	4/30/2025	Not Started	\$0	\$0	\$5,000
6 Acquisition	10/31/2017	8/21/2020	Completed	\$46,001	\$46,001	\$50,000
Total				\$2,091,753	\$2,091,753	\$2,300,000

Current Substantial Completion 10/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	4/24/2017	10/30/2017	\$92,000
3 Final Design	10/31/2017	3/6/2019	\$164,000
4 Implementation	3/6/2019	3/9/2020	\$1,980,000
5 Closeout	3/9/2020	5/5/2020	\$27,000
6 Acquisition	10/31/2017	11/15/2018	\$37,000
Total			\$2,300,000

Baseline Substantial Completion 11/18/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129595 NE Old Cascade Hwy (Miller River Bridge 999W West) Culvert Replacement STANDALONE

### Scope Red

#### Scope Variance Comment

The original Design planned to remove a small short span bridge and road pavement. It was determined that if that infrastructure was removed it could cause the adjacent river to impact the Burlington railroad right-of-way. There was an option to flood proof the railroad to accommodate this finding, but this project was not funded to address the required flood proofing. The decision was made, with Director approval, for the removal of the bridge and road pavements in the original design plan to be cut from the project.

#### Current Scope

This project makes drainage and pavement improvements on Old Cascade Highway, and constructs a turnaround on the highway at the west bank of the Miller River.

#### Baseline Scope

Old Cascade Highway/Miller River Bridge West Improvements Project - This project makes drainage and pavement improvements on Old Cascade Highway and constructs a turnaround on the highway at the west bank of the Miller River.

### Schedule Red

#### Schedule Variance Comment

This project schedule reflects the NEPA process, Right of Way acquisition, flood hazard certification and the USACOE, Clearing and Grading permitting process. BSNF raised concern about increase scour potential at toe of railroad bed thus requiring an additional geomorphic analysis. The geomorphic analysis came back unfavorable. Construction Delayed. The project went to bid summer 2022 but no bids were received and is rebid in winter 2023 with bid opening 1/26/23. Some of the construction in the project could not start until the permit required construction window for work within waters of the State opened on July 15th, this delayed work start. Work is progressing on schedule as laid out in the construction contract and should be substantially complete by Sept 1, 2023.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	4/24/2017	10/30/2017	189	4/24/2017	12/19/2017	239	Completed
3 Final Design	10/31/2017	3/6/2019	491	12/19/2017	12/23/2022	1830	Completed
4 Implementation	3/6/2019	3/9/2020	369	12/23/2022	11/29/2024	707	In Progress
5 Closeout	3/9/2020	5/5/2020	57	11/29/2024	4/30/2025	152	Not Started
6 Acquisition	10/31/2017	11/15/2018	380	10/31/2017	8/21/2020	1025	Completed
Substantial Completion Date	11/18/2019			10/31/2023			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/31/2017	11/18/2019	748	1394	186.00%
Current Schedule	12/19/2017	10/31/2023	2142		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

1129595 NE Old Cascade Hwy (Miller River Bridge 999W West) Culvert Replacement  
STANDALONE

Cost

Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$92,000	\$0	\$0	(\$92,000)	-100.00%
3 Final Design	\$164,000	\$658,300	\$658,300	\$494,300	301.00%
4 Implementation	\$1,980,000	\$1,387,452	\$1,387,452	(\$592,548)	-30.00%
5 Closeout	\$27,000	\$0	\$0	(\$27,000)	-100.00%
6 Acquisition	\$37,000	\$46,001	\$46,001	\$9,001	24.00%
Total	\$2,300,000	\$2,091,753	\$2,091,753	(\$208,247)	-9.05%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129596 NE Old Cascade Hwy (Miller River Bridge 999W East) Culvert Replacement STANDALONE

Target Baseline Date	12/21/2017
Actual Baseline Date	01/19/2018
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Jon Cassidy
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Drainage
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	4/24/2017	12/21/2017	Completed	\$0	\$0	\$0
3 Final Design	12/21/2017	12/23/2022	Completed	\$791,612	\$791,612	\$800,000
4 Implementation	12/23/2022	11/29/2024	In Progress	\$935,630	\$935,630	\$1,870,000
5 Closeout	11/29/2024	4/30/2025	Not Started	\$0	\$0	\$5,000
6 Acquisition	10/31/2017	8/28/2020	Completed	\$74,693	\$74,693	\$75,000
Total				\$1,801,934	\$1,801,934	\$2,750,000

Current Substantial Completion 10/31/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	4/24/2017	10/30/2017	\$121,000
3 Final Design	10/31/2017	3/6/2019	\$140,000
4 Implementation	3/6/2019	3/9/2020	\$2,411,500
5 Closeout	3/9/2020	5/5/2020	\$28,000
6 Acquisition	10/31/2017	11/15/2018	\$49,500
Total			\$2,750,000

Baseline Substantial Completion 11/18/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129596 NE Old Cascade Hwy (Miller River Bridge 999W East) Culvert Replacement STANDALONE

Scope  Green

### Scope Variance Comment

### Current Scope

This project makes drainage and pavement improvements on Old Cascade Highway, and constructs a turnaround on the highway at the east bank of the Miller River.

### Baseline Scope

Old Cascade Highway/Miller Bridge East Improvements Project - This project makes drainage and pavement improvements on Old Cascade Highway and constructs a turnaround on the highway at the east bank of the Miller River.

Schedule  Red

### Schedule Variance Comment

This project schedule reflects the NEPA process, Right of Way acquisition, flood hazard certification and the USACOE, Clearing and Grading permitting process. BSNF raised concern about increase scour potential at toe of railroad bed thus requiring an additional geomorphic analysis. The geomorphic analysis came back unfavorable. Construction delayed. The project went to bid summer 2022 but no bids were received and is rebid in winter 2023 with bid opening 1/26/23. Some of the construction in the project could not start until the permit required construction window for work within waters of the State opened on July 15th, this delayed work start. Work is progressing on schedule as laid out in the construction contract and should be substantially complete by Sept 1, 2023.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	4/24/2017	10/30/2017	189	4/24/2017	12/21/2017	241	Completed
3 Final Design	10/31/2017	3/6/2019	491	12/21/2017	12/23/2022	1828	Completed
4 Implementation	3/6/2019	3/9/2020	369	12/23/2022	11/29/2024	707	In Progress
5 Closeout	3/9/2020	5/5/2020	57	11/29/2024	4/30/2025	152	Not Started
6 Acquisition	10/31/2017	11/15/2018	380	10/31/2017	8/28/2020	1032	Completed
Substantial Completion Date	11/18/2019			10/31/2023			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/31/2017	11/18/2019	748	1392	186.00%
Current Schedule	12/21/2017	10/31/2023	2140		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129596 NE Old Cascade Hwy (Miller River Bridge 999W East) Culvert Replacement STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$121,000	\$0	\$0	(\$121,000)	-100.00%
3 Final Design	\$140,000	\$791,612	\$791,612	\$651,612	465.00%
4 Implementation	\$2,411,500	\$935,630	\$935,630	(\$1,475,870)	-61.00%
5 Closeout	\$28,000	\$0	\$0	(\$28,000)	-100.00%
6 Acquisition	\$49,500	\$74,693	\$74,693	\$25,193	51.00%
Total	\$2,750,000	\$1,801,934	\$1,801,934	(\$948,066)	-34.48%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134081 Redmond Ridge Drive NE Roundabout STANDALONE

Target Baseline Date	11/06/2019
Actual Baseline Date	01/23/2020
Council District(s)	3
Department	LOCAL SERVICES
Agency	Roads Services Division
Contact	Wally Archuleta
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	Traffic Control
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning			N/A	\$0	\$0	\$0
2 Preliminary Design	2/13/2019	11/6/2019	Completed	\$0	\$0	\$54,741
3 Final Design	11/6/2019	5/31/2023	Completed	\$0	\$0	\$424,227
4 Implementation	5/31/2023	10/31/2024	In Progress	\$2,046,125	\$1,613,485	\$2,316,945
5 Closeout	10/31/2024	12/16/2024	Not Started	\$9,426	\$0	\$10,000
6 Acquisition	2/20/2020	6/8/2022	Completed	\$130,828	\$130,828	\$180,000
Total				\$2,186,379	\$1,744,313	\$2,985,913

Current Substantial Completion 3/25/2024

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design	1/7/2019	6/19/2019	\$0
3 Final Design	6/20/2019	7/14/2020	\$0
4 Implementation	7/14/2020	2/24/2021	\$1,249,000
5 Closeout	2/24/2021	12/15/2021	\$1,000
6 Acquisition	2/6/2020	8/20/2020	\$130,000
Total			\$1,380,000

Baseline Substantial Completion 11/30/2020

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134081 Redmond Ridge Drive NE Roundabout STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Redmond Ridge Drive NE Roundabout - To design and construct a roundabout on Redmond Ridge Drive NE at NE Alder Crest Drive including curb, gutter and sidewalk.

#### Baseline Scope

To design and construct a roundabout on Redmond Ridge Drive NE at NE Alder Crest Drive, including curb, gutter and sidewalk.

Schedule  Red

### Schedule Variance Comment

Shortly after the project was baselined I-976 was passed. WSDOT issued a decision to pause the funding for this project to give the Governor and Legislator time to make a determination for the project. In March 17th 2020 WSDOT authorized the county to restart the project with construction starting as soon as July 2021. The ad date, of 7/14/20 for the 11/6/19 baseline was also not met, because ROW wasn't completed until 6-8-22. This pushed the procurement completion date into late summer. Const. inspection was short staffed, and had more projects starting in late summer 2022, than they had inspectors, so const. was moved to 2023. Recently, there was a short delay in receiving final grant approval, which pushed the ad date from April 20 to May 31, 2023. The project is still on schedule to complete construction in 2023. The execution of contract took longer than expected and the contractor did not have available crews to start the project until late September.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design	1/7/2019	6/19/2019	163	2/13/2019	11/6/2019	266	Completed
3 Final Design	6/20/2019	7/14/2020	390	11/6/2019	5/31/2023	1302	Completed
4 Implementation	7/14/2020	2/24/2021	225	5/31/2023	10/31/2024	519	In Progress
5 Closeout	2/24/2021	12/15/2021	294	10/31/2024	12/16/2024	46	Not Started
6 Acquisition	2/6/2020	8/20/2020	196	2/20/2020	6/8/2022	839	Completed
Substantial Completion Date	11/30/2020			3/25/2024			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	6/20/2019	11/30/2020	529	1072	202.00%
Current Schedule	11/6/2019	3/25/2024	1601		

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1134081 Redmond Ridge Drive NE Roundabout STANDALONE

Cost  Red

### Cost Variance Comment

The budget variance is due to a combination of inflation during that time period, and the addition of management approved construction management and inspection costs of \$360,000. Two management approved change orders to pay the contractor for the additional work with approximate amount of \$150,000. The addition of construction management costs which were not added in the 2019 baseline budget, an estimated amount of \$400,000 added to cover the management cost during construction.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$0	\$0	\$0	0.00%
2 Preliminary Design	\$0	\$0	\$0	\$0	0.00%
3 Final Design	\$0	\$0	\$0	\$0	0.00%
4 Implementation	\$1,249,000	\$1,613,485	\$2,046,125	\$797,125	64.00%
5 Closeout	\$1,000	\$0	\$9,426	\$8,426	843.00%
6 Acquisition	\$130,000	\$130,828	\$130,828	\$828	1.00%
Total	\$1,380,000	\$1,744,313	\$2,186,379	\$806,379	58.43%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1033497 South County Recycling and Transfer Station STANDALONE

Target Baseline Date	07/22/2020
Actual Baseline Date	01/11/2022
Council District(s)	7
Department	NATURAL RESOURCES AND PARKS
Agency	Solid Waste
Contact	Kinyan Lui
RMP Reporting	Yes - Reporting Required
Publish Quarter	Q1 2024
Portfolio	Construction
Subportfolio	Recycling and Transfer Stations



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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	11/1/2010	5/30/2018	Completed	\$4,055,179	\$4,206,609	\$4,040,008
2 Preliminary Design	4/12/2019	3/30/2021	Completed	\$5,514,707	\$6,262,913	\$8,598,780
3 Final Design	3/12/2021	4/28/2023	Completed	\$13,889,063	\$13,672,705	\$27,365,171
4 Implementation	5/1/2023	5/12/2026	In Progress	\$171,904,846	\$27,045,115	\$152,941,440
5 Closeout	9/1/2026	9/1/2028	Not Started	\$1,854,552	\$118,159	\$1,774,471
6 Acquisition	5/1/2012	4/28/2023	Completed	\$3,006,372	\$3,006,372	\$6,257,829
Total				\$200,224,719	\$54,311,873	\$200,977,699

Current Substantial Completion 2/23/2026

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	11/1/2010	5/30/2018	\$4,055,001
2 Preliminary Design	4/12/2019	3/30/2021	\$10,026,000
3 Final Design	3/12/2021	3/3/2023	\$16,328,000
4 Implementation	3/6/2023	5/29/2026	\$106,374,999
5 Closeout	6/1/2026	6/1/2028	\$1,376,000
6 Acquisition	5/1/2012	12/30/2022	\$6,223,000
Total			\$144,383,000

Baseline Substantial Completion 5/29/2026

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1033497 South County Recycling and Transfer Station STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

South County Recycling and Transfer Station: This project entails siting, designing, permitting, and constructing a new, modern transfer and recycling facility to replace the Algona Transfer Station, which has been in operation since the 1960s and lacks recycling services.

#### Baseline Scope

South County Recycling and Transfer Station: This project entails siting, designing, permitting, and constructing a new, modern transfer and recycling facility to replace the Algona Transfer Station, which has been in operation since the 1960s and lacks recycling services.

Schedule  Green

### Schedule Variance Comment

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	11/1/2010	5/30/2018	2767	11/1/2010	5/30/2018	2767	Completed
2 Preliminary Design	4/12/2019	3/30/2021	718	4/12/2019	3/30/2021	718	Completed
3 Final Design	3/12/2021	3/3/2023	721	3/12/2021	4/28/2023	777	Completed
4 Implementation	3/6/2023	5/29/2026	1180	5/1/2023	5/12/2026	1107	In Progress
5 Closeout	6/1/2026	6/1/2028	731	9/1/2026	9/1/2028	731	Not Started
6 Acquisition	5/1/2012	12/30/2022	3895	5/1/2012	4/28/2023	4014	Completed
Substantial Completion Date	5/29/2026			2/23/2026			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/12/2021	5/29/2026	1904	-95	-4.00%
Current Schedule	3/12/2021	2/23/2026	1809		

Cost  Red



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1033497 South County Recycling and Transfer Station STANDALONE

### Cost Variance Comment

Project spending is slower than the baseline due to incremental delays in design and construction. These issues are decreasing as the construction project achieves a regular cadence in work and invoicing. The project has ~\$4.4M in change orders due to unknown site conditions resulting in added excavation and backfill and adding 11 weeks to the project completion date.

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$4,055,001	\$4,206,609	\$4,055,179	\$178	0.00%
2 Preliminary Design	\$10,026,000	\$6,262,913	\$5,514,707	(\$4,511,294)	-45.00%
3 Final Design	\$16,328,000	\$13,672,705	\$13,889,063	(\$2,438,937)	-15.00%
4 Implementation	\$106,374,999	\$27,045,115	\$171,904,846	\$65,529,847	62.00%
5 Closeout	\$1,376,000	\$118,159	\$1,854,552	\$478,552	35.00%
6 Acquisition	\$6,223,000	\$3,006,372	\$3,006,372	(\$3,216,628)	-52.00%
Total	\$144,383,000	\$54,311,873	\$200,224,719	\$55,841,718	38.68%

## Risk Monitored Projects Reporting

### RMP-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
HDR	Other	\$20,772,651	05/30/2018	05/29/2026	9	\$16,924,994
Jacobs Engineering Group, Inc.	Other	\$4,875,536	11/09/2020	06/30/2024	1	\$0
	Total	\$25,648,187			10	\$16,924,994

### RMP-2. Contract Change Explanation

1/10/2024 The construction management contract for the project will be amended to add permitting scope and contract time. The current CM contract expires in June 2024 and must be extended through July 2026. The construction schedule has extended from completion in February 2026 to completion in May 2026 due to previously unknown site conditions. Excavating and backfilling the large quantity of unsuitable soils added 11 weeks to the schedule.

2/15/2023 Implementation Phase Design Services  
Amendment 9 is being negotiated now. Amendment 9 execution is estimated in March 2023.

### RMP-3. Current Quarter's Key Activities

Q4 2023 - SCRTS construction in progress.

### RMP-4. Next Quarter's Key Activities

Q1 2024 \*SCRTS construction in progress. \*Construction management contract to be amended to add contract time and permitting support scope.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1033497 South County Recycling and Transfer Station STANDALONE

### RMP-5. Closely Monitored Issues & Risk Summary

1/10/2024 Unsuitable soils and backfill added 11 weeks to the schedule, extending substantial completion from February 2026 to May 2026. The added cost of this work to date is ~\$4.4M. Site stormwater management continues to be a focus as wet weather continues. The contractor has added stormwater management system components, improving their ability to monitor and manage stormwater. Monitoring threshold changes were coordinated and approved by WA ECY and WDFW.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133918 Cedar Hills Regional Landfill Facilities Relocation STANDALONE

Target Baseline Date	12/19/2023	
Actual Baseline Date	12/20/2023	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Solid Waste	
Contact	Margaret Bay	
RMP Reporting	No - Cost To Be Determined	
Publish Quarter	Q1 2024	
Portfolio	Construction	
Subportfolio	Recycling and Transfer Stations	

Last updated by KC\bloland on 1/29/2024 2:12:06 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	4/19/2018	1/31/2022	Completed	\$2,530,041	\$4,174,050	\$3,296,000
2 Preliminary Design	2/2/2022	12/19/2023	Completed	\$2,490,887	\$2,401,520	\$3,360,890
3 Final Design	12/19/2023	6/2/2025	In Progress	\$8,678,934	\$1,865,266	\$20,371,975
4 Implementation	6/2/2025	12/31/2027	Not Started	\$150,452,983	\$1,707,419	\$26,633,440
5 Closeout	12/31/2027	12/29/2028	Not Started	\$327,676	\$0	\$0
6 Acquisition			N/A	\$605,306	\$1,850,426	\$12,756,292
Total				\$165,085,826	\$11,998,680	\$66,418,597

Current Substantial Completion 10/29/2027


Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/19/2018	1/31/2022	\$2,530,041
2 Preliminary Design	2/2/2022	12/20/2023	\$2,490,887
3 Final Design	12/20/2023	3/31/2024	\$8,678,934
4 Implementation	6/2/2025	3/31/2026	\$150,452,983
5 Closeout	4/1/2026	12/31/2027	\$327,676
6 Acquisition			\$605,306
Total			\$165,085,826

Baseline Substantial Completion 10/29/2027

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133918 Cedar Hills Regional Landfill Facilities Relocation STANDALONE

Scope  Green


### Scope Variance Comment

#### Current Scope

SW Facilities Relocation - The March 2022 Final Environmental Impact Statement for the Cedar Hills Regional Landfill Site Development & Facilities Relocation considered three action alternatives for extending the life of the landfill. All three alternatives include development of new disposal capacity in the southeast section of the site, including the area currently containing administrative and maintenance facilities. This project was approved in the 2019 Comprehensive Solid Waste Management Plan. Under this project, existing support facilities in the southeast section will be relocated permanently to a location in the South end of the Cedar Hills boundary. Functions and facilities that are needed on site to continue landfilling, such as the heavy equipment maintenance facilities (CAT shack) and some maintenance shop components, will be relocated within the boundary of Cedar Hills. To the extent possible, SWD will utilize property already in the division's possession to accommodate these new facilities. In 2020, SWD is pursuing an option to move the majority of CHRLF operation staff to interim facilities until the permanent facilities is complete. Meanwhile, design of the permanent facilities will continue and construction is expected to be completed by 2027, pending special use permit approval. The on-site relocation effort for the office modular, CAT shack, etc. will continue and is scheduled to be completed by Q3 2024. Tenant improvements for the two off-site interim facilities are expected to occur in Q4 2023 and Q1 2024.

#### Baseline Scope

SW Facilities Relocation - The March 2022 Final Environmental Impact Statement for the Cedar Hills Regional Landfill Site Development & Facilities Relocation considered three action alternatives for extending the life of the landfill. All three alternatives include development of new disposal capacity in the southeast section of the site, including the area currently containing administrative and maintenance facilities. This project was approved in the 2019 Comprehensive Solid Waste Management Plan. Under this project, existing support facilities in the southeast section will be relocated permanently to a location in the South end of the Cedar Hills boundary. Functions and facilities that are needed on site to continue landfilling, such as the heavy equipment maintenance facilities (CAT shack) and some maintenance shop components, will be relocated within the boundary of Cedar Hills. To the extent possible, SWD will utilize property already in the division's possession to accommodate these new facilities. In 2020, SWD is pursuing an option to move the majority of CHRLF operation staff to interim facilities until the permanent facilities is complete. Meanwhile, design of the permanent facilities will continue and construction is expected to be completed by 2027, pending special use permit approval. The on-site relocation effort for the office modular, CAT shack, etc. will continue and is scheduled to be completed by Q3 2024. Tenant improvements for the two off-site interim facilities are expected to occur in Q4 2023 and Q1 2024.

Schedule  Green

### Schedule Variance Comment

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133918 Cedar Hills Regional Landfill Facilities Relocation STANDALONE

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/19/2018	1/31/2022	1383	4/19/2018	1/31/2022	1383	Completed
2 Preliminary Design	2/2/2022	12/20/2023	686	2/2/2022	12/19/2023	685	Completed
3 Final Design	12/20/2023	3/31/2024	102	12/19/2023	6/2/2025	531	In Progress
4 Implementation	6/2/2025	3/31/2026	302	6/2/2025	12/31/2027	942	Not Started
5 Closeout	4/1/2026	12/31/2027	639	12/31/2027	12/29/2028	364	Not Started
6 Acquisition							N/A
Substantial Completion Date	10/29/2027			10/29/2027			

### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	12/20/2023	10/29/2027	1409	1	0.00%
Current Schedule	12/19/2023	10/29/2027	1410		

Cost  Green

### Cost Variance Comment

### Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$2,530,041	\$4,174,050	\$2,530,041	\$0	0.00%
2 Preliminary Design	\$2,490,887	\$2,401,520	\$2,490,887	\$0	0.00%
3 Final Design	\$8,678,934	\$1,865,266	\$8,678,934	\$0	0.00%
4 Implementation	\$150,452,983	\$1,707,419	\$150,452,983	\$0	0.00%
5 Closeout	\$327,676	\$0	\$327,676	\$0	0.00%
6 Acquisition	\$605,306	\$1,850,426	\$605,306	\$0	0.00%
<b>Total</b>	<b>\$165,085,826</b>	<b>\$11,998,680</b>	<b>\$165,085,826</b>	<b>\$0</b>	<b>0.00%</b>

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129844 Cedar Hills Regional Landfill Pump Station Repairs STANDALONE

Target Baseline Date	02/24/2021	
Actual Baseline Date	02/24/2021	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Solid Waste	
Contact	Kinyan Lui	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Construction	
Subportfolio	Cedar Hills Regional Landfill	

Last updated by KC\bloland on 1/29/2024 2:12:06 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/20/2017	3/19/2019	Completed	\$62,947	\$62,947	\$2
2 Preliminary Design	3/19/2019	2/24/2021	Completed	\$527,200	\$527,200	\$2
3 Final Design	2/24/2021	11/2/2021	Completed	\$437,880	\$453,989	\$2
4 Implementation	6/16/2021	8/16/2023	Completed	\$2,545,164	\$2,289,800	\$3,665,752
5 Closeout	7/21/2023	9/30/2023	Completed	\$96,330	\$27,271	\$31,002
6 Acquisition			N/A	\$0	\$0	\$0
			<b>Total</b>	<b>\$3,669,521</b>	<b>\$3,361,207</b>	<b>\$3,696,760</b>

Current Substantial Completion 8/20/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/20/2017	3/19/2019	\$61,090
2 Preliminary Design	3/19/2019	2/24/2021	\$492,778
3 Final Design	2/24/2021	10/2/2020	\$43,029
4 Implementation	10/2/2020	3/14/2022	\$2,284,848
5 Closeout	3/14/2022	3/31/2022	\$104,852
6 Acquisition			\$0
<b>Total</b>			<b>\$2,986,597</b>

Baseline Substantial Completion 12/2/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129844 Cedar Hills Regional Landfill Pump Station Repairs STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

The goal of this scope of work is to inspect, evaluate, design, and implement the repairs, calibrations, and improvements required to optimize pump capacities and ensure their continued safe and reliable operation to Cedar Hills Regional Landfill Pump Stations 1A, 2, 3, and 4. As part of the inspection, leachate inflows must first be measured in order to appropriately calibrate the pumps at each of the four pump stations. Additionally, a wet well leak test must determine if there are any outward flows of leachate from pump station 1A through any observed cracks, seams or panel joints.

#### Baseline Scope

The goal of this scope of work is to inspect, evaluate, design, and implement the repairs, calibrations, and improvements required to optimize pump capacities and ensure their continued safe and reliable operation to Cedar Hills Regional Landfill Pump Stations 1A, 2, 3, and 4. As part of the inspection, leachate inflows must first be measured in order to appropriately calibrate the pumps at each of the four pump stations. Additionally, a wet well leak test must determine if there are any outward flows of leachate from pump station 1A through any observed cracks, seams or panel joints.

Schedule  Red

### Schedule Variance Comment

The construction schedule faced disruption due to a shift in construction procurements, transitioning from multiple JOC contracts to an ITB contract for PS 1A Electrical, 2, and 3. After this, in the past year, there was a 180-day schedule impact on the current construction contract attributed to supply-chain challenges with electrical control components and significant difficulty in obtaining longer pump motor cords for Pump Station 3. Change Order No. 1 was issued, establishing the target Substantial Completion date as July 21, 2023. Subsequently, Change Order No. 2 was implemented, adjusting the target Substantial Completion Date to August 20, 2023. The earned value (EV) for the construction contract has reached 98%, and substantial completion was achieved on August 16, 2023.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/20/2017	3/19/2019	729	3/20/2017	3/19/2019	729	Completed
2 Preliminary Design	3/19/2019	2/24/2021	708	3/19/2019	2/24/2021	708	Completed
3 Final Design	2/24/2021	10/2/2020	-145	2/24/2021	11/2/2021	251	Completed
4 Implementation	10/2/2020	3/14/2022	528	6/16/2021	8/16/2023	791	Completed
5 Closeout	3/14/2022	3/31/2022	17	7/21/2023	9/30/2023	71	Completed
6 Acquisition							N/A
Substantial Completion Date	12/2/2021			8/20/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1129844 Cedar Hills Regional Landfill Pump Station Repairs STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/24/2021	12/2/2021	281	626	222.00%
Current Schedule	2/24/2021	8/20/2023	907		

Cost  Red

### Cost Variance Comment

No major changes this year as construction contract and design contract are staying within 2023 performance target budget. \$94,000 work order for setup and commissioning of the new control panels for pump stations 1A, 2, and 3. First bid on construction contract in 2022 came in at \$1,000,000 vs. engineer's estimate OPCC of \$627,000 (delta ~ \$400,000). General escalation due to inflation and supply-chain issues. \$102,000 increase in EAC in 2022, due to rebid (+52,000) and Amendment 5 (+\$50,000, engineering services for construction).

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$61,090	\$62,947	\$62,947	\$1,856	3.00%
2 Preliminary Design	\$492,778	\$527,200	\$527,200	\$34,422	7.00%
3 Final Design	\$43,029	\$453,989	\$437,880	\$394,851	918.00%
4 Implementation	\$2,284,848	\$2,289,800	\$2,545,164	\$260,316	11.00%
5 Closeout	\$104,852	\$27,271	\$96,330	(\$8,522)	-8.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,986,597	\$3,361,207	\$3,669,521	\$682,924	22.87%



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133924 Cedar Hills Regional Landfill North Flare Station Electrical STANDALONE

Target Baseline Date	10/27/2020	
Actual Baseline Date	10/27/2020	
Council District(s)	9	
Department	NATURAL RESOURCES AND PARKS	
Agency	Solid Waste	
Contact	Kinyan Lui	
RMP Reporting	No - Exempt Under \$25M	
Publish Quarter	Q1 2024	
Portfolio	Construction	
Subportfolio	Cedar Hills Regional Landfill	

Last updated by KC\bloland on 1/29/2024 2:12:06 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	3/7/2019	6/19/2020	Completed	\$1,008,223	\$1,930,812	\$1
2 Preliminary Design	6/22/2020	10/27/2020	Completed	\$4,297	\$4,830	\$1
3 Final Design	10/27/2020	1/7/2022	Completed	\$149,517	\$165,849	\$700,001
4 Implementation	1/14/2022	2/2/2024	In Progress	\$5,928,520	\$5,393,761	\$6,569,247
5 Closeout	2/2/2024	6/28/2024	Not Started	\$13,180	\$2,338	\$334,607
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$7,103,737	\$7,497,590	\$7,603,857

Current Substantial Completion 7/27/2023

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/7/2019	6/19/2020	\$77,966
2 Preliminary Design	6/22/2020	10/27/2020	\$266,061
3 Final Design	10/27/2020	4/5/2021	\$242,479
4 Implementation	4/5/2021	12/21/2021	\$3,291,071
5 Closeout	12/22/2021	6/10/2022	\$100,000
6 Acquisition			\$0
Total			\$3,977,578

Baseline Substantial Completion 12/7/2021

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133924 Cedar Hills Regional Landfill North Flare Station Electrical STANDALONE

Scope  Green

### Scope Variance Comment

### Current Scope

Cedar Hills Regional Landfill North Flare Station Electrical: North Flare Station (NFS) Motor Control Center (MCC) will upgrade the existing control panels at the NFS to make them safer. The new MCC will be in an enclosed building that will power and control the existing blowers and flares. The new building will be built outside the gas classification footprint and bring it up to current code. The existing electrical meter will also be moved out of the above mentioned classified area into a non-explosive gas classified area. Refinement to the project scope involved design changes, which also increased design costs. Many changes have happened with other projects that impacted the design and need for a larger generator at the NFS. With the Facilities Relocation project, it will add a larger footprint of employees that will be working at the NFS and this impacted the designs.

### Baseline Scope

Cedar Hills Regional Landfill North Flare Station Electrical: North Flare Station (NFS) Motor Control Center (MCC) will upgrade the existing control panels at the NFS to make them safer. The new MCC will be in an enclosed building that will power and control the existing blowers and flares. The new building will be built outside the gas classification footprint and bring it up to current code. The existing electrical meter will also be moved out of the above mentioned classified area into a non-explosive gas classified area.

Schedule  Red

### Schedule Variance Comment

Construction schedule delay due to long-lead items (MCC (PLC/IO card), service entrance equipment, and panelboard) caused by supply-chain issues. Substantial completion achieved 7/27/2023. Delay was due to PSE metering and commissioning plan/schedule approval, and addition of emergency stop.

### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/7/2019	6/19/2020	470	3/7/2019	6/19/2020	470	Completed
2 Preliminary Design	6/22/2020	10/27/2020	127	6/22/2020	10/27/2020	127	Completed
3 Final Design	10/27/2020	4/5/2021	160	10/27/2020	1/7/2022	437	Completed
4 Implementation	4/5/2021	12/21/2021	260	1/14/2022	2/2/2024	749	In Progress
5 Closeout	12/22/2021	6/10/2022	170	2/2/2024	6/28/2024	147	Not Started
6 Acquisition							N/A
Substantial Completion Date	12/7/2021			7/27/2023			

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133924 Cedar Hills Regional Landfill North Flare Station Electrical STANDALONE

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/27/2020	12/7/2021	406	597	147.00%
Current Schedule	10/27/2020	7/27/2023	1003		

Cost  Red

### Cost Variance Comment

Additional budget is requested to complete the project, including O&M plan and programming. Cost increase is due to bid and supply-chain issues.

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$77,966	\$1,930,812	\$1,008,223	\$930,257	1,193.00%
2 Preliminary Design	\$266,061	\$4,830	\$4,297	(\$261,765)	-98.00%
3 Final Design	\$242,479	\$165,849	\$149,517	(\$92,961)	-38.00%
4 Implementation	\$3,291,071	\$5,393,761	\$5,928,520	\$2,637,448	80.00%
5 Closeout	\$100,000	\$2,338	\$13,180	(\$86,820)	-87.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,977,578	\$7,497,590	\$7,103,737	\$3,126,159	78.59%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1117106 Children and Family Justice Center STANDALONE

Target Baseline Date	04/16/2015
Actual Baseline Date	08/01/2016
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Jim Burt
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 11/24/2021 11:25:05 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	8/7/2012	3/9/2015	Completed	\$28,611	\$28,611	\$1
2 Preliminary Design	3/9/2015	2/4/2016	Completed	\$7,530,215	\$7,569,418	\$5,035,267
3 Final Design	2/5/2016	12/4/2016	Completed	\$19,319,682	\$19,422,632	\$14,162,355
4 Implementation	1/3/2017	9/27/2021	Completed	\$207,678,100	\$212,890,799	\$223,332,727
5 Closeout	9/27/2021	12/31/2021	In Progress	\$8,456,370	\$2,193,877	\$482,627
6 Acquisition			N/A	\$0	\$0	\$1
Total				\$243,012,978	\$242,105,338	\$243,012,978

Current Substantial Completion 7/28/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/19/2012	4/1/2015	\$28,169
2 Preliminary Design	6/3/2013	7/15/2015	\$7,682,941
3 Final Design	3/9/2015	12/28/2017	\$13,207,403
4 Implementation	12/29/2016	12/10/2020	\$190,547,619
5 Closeout	8/25/2020	5/27/2021	\$488,868
6 Acquisition			\$0
Total			\$211,955,000

Baseline Substantial Completion 7/23/2020

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1117106 Children and Family Justice Center STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

Children and Family Justice Center - Redevelopment of the existing 9.1 acre Youth Services Center site to include a 137,000 sf courthouse, 98,000 detention facility and parking garage for the new Children and Family Justice Center.

#### Baseline Scope

Children and Family Justice Center - Redevelop of the existing 9.1 acre YSC site to include a 137,000 sf courthouse, 98,000 detention facility and parking garage for the new Children and Family Justice Center.

Schedule  Yellow

### Schedule Variance Comment

The issuance of the Master Use permit was delayed by 301 days, schedule mitigation efforts have helped to reduce this delay to 152 days.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/19/2012	4/1/2015	1108	8/7/2012	3/9/2015	944	Completed
2 Preliminary Design	6/3/2013	7/15/2015	772	3/9/2015	2/4/2016	332	Completed
3 Final Design	3/9/2015	12/28/2017	1025	2/5/2016	12/4/2016	303	Completed
4 Implementation	12/29/2016	12/10/2020	1442	1/3/2017	9/27/2021	1728	Completed
5 Closeout	8/25/2020	5/27/2021	275	9/27/2021	12/31/2021	95	In Progress
6 Acquisition							N/A
Substantial Completion Date	7/23/2020			7/28/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/9/2015	7/23/2020	1963	37	1.00%
Current Schedule	2/5/2016	7/28/2021	2000		

Cost  Yellow

### Cost Variance Comment

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# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1117106 Children and Family Justice Center STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$28,169	\$28,611	\$28,611	\$442	2.00%
2 Preliminary Design	\$7,682,941	\$7,569,418	\$7,530,215	(\$152,726)	-2.00%
3 Final Design	\$13,207,403	\$19,422,632	\$19,319,682	\$6,112,279	46.00%
4 Implementation	\$190,547,619	\$212,890,799	\$207,678,100	\$17,130,481	9.00%
5 Closeout	\$488,868	\$2,193,877	\$8,456,370	\$7,967,502	1,630.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$211,955,000	\$242,105,338	\$243,012,978	\$31,057,978	14.65%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122048 AFIS Property Management Unit Planning STANDALONE

Target Baseline Date	08/02/2017
Actual Baseline Date	08/03/2017
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Joe Hicker
RMP Reporting	No - Cost To Be Determined
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 11/19/2020 4:40:22 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	1/1/2014	12/31/2015	Completed	\$235,688	\$235,688	\$179,336
2 Preliminary Design	1/1/2016	12/31/2017	Completed	\$110,747	\$110,747	\$128,201
3 Final Design	1/1/2018	10/31/2018	Completed	\$1,047,952	\$1,050,621	\$982,903
4 Implementation	11/1/2018	10/31/2018	Completed	\$7,844,860	\$7,874,642	\$7,660,546
5 Closeout	3/1/2020	12/31/2021	In Progress	\$559,714	\$56,079	\$283,454
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$9,798,961	\$9,327,777	\$9,234,440

Current Substantial Completion 3/6/2020

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	3/17/2014	11/23/2016	\$224,335
2 Preliminary Design	12/2/2015	5/26/2017	\$103,725
3 Final Design	5/29/2017	1/10/2018	\$749,511
4 Implementation	1/11/2018	10/17/2018	\$8,711,390
5 Closeout	10/18/2018	3/13/2019	\$10,000
6 Acquisition			\$0
Total			\$9,798,961

Baseline Substantial Completion 10/17/2018

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122048 AFIS Property Management Unit Planning STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

AFIS Property Management Unit Relocation - This project includes the design and construction of a new latent fingerprint processing laboratory for the King County Regional Automated Fingerprint Identification System (AFIS) at the County's Blackriver Building.

#### Baseline Scope

AFIS Property Management Unit Relocation - This project includes the design and construction of a new latent fingerprint processing laboratory for the King County Regional Automated Fingerprint Identification System (AFIS) at the County's Blackriver Building.

Schedule  Red

### Schedule Variance Comment

Schedule has been delayed due to late Design Development and Construction Drawing Phase deliverables by the consultant. Construction delay due to omissions of the structural design of the rooftop air handling unit.

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	3/17/2014	11/23/2016	982	1/1/2014	12/31/2015	729	Completed
2 Preliminary Design	12/2/2015	5/26/2017	541	1/1/2016	12/31/2017	730	Completed
3 Final Design	5/29/2017	1/10/2018	226	1/1/2018	10/31/2018	303	Completed
4 Implementation	1/11/2018	10/17/2018	279	11/1/2018	10/31/2018	-1	Completed
5 Closeout	10/18/2018	3/13/2019	146	3/1/2020	12/31/2021	670	In Progress
6 Acquisition							Not Started
Substantial Completion Date	10/17/2018			3/6/2020			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	5/29/2017	10/17/2018	506	289	57.00%
Current Schedule	1/1/2018	3/6/2020	795		



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1122048 AFIS Property Management Unit Planning STANDALONE

Cost ● Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$224,335	\$235,688	\$235,688	\$11,353	5.00%
2 Preliminary Design	\$103,725	\$110,747	\$110,747	\$7,022	7.00%
3 Final Design	\$749,511	\$1,050,621	\$1,047,952	\$298,441	40.00%
4 Implementation	\$8,711,390	\$7,874,642	\$7,844,860	(\$866,530)	-10.00%
5 Closeout	\$10,000	\$56,079	\$559,714	\$549,714	5,497.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$9,798,961	\$9,327,777	\$9,798,961	\$0	0.00%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132306 KCIT Radio In-Building Conversion PROGRAMMATIC

Target Baseline Date	10/05/2018
Actual Baseline Date	01/11/2019
Council District(s)	5, 8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Mark Batey
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

Last updated by KC\hongs on 11/24/2021 11:31:52 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	7/1/2017	9/1/2017	Completed	\$223	\$223	\$837
2 Preliminary Design	2/18/2018	10/15/2018	Completed	\$487,298	\$489,863	\$740,453
3 Final Design	10/16/2018	9/4/2020	Completed	\$86,853	\$86,853	\$4,185
4 Implementation	10/9/2020	12/15/2021	In Progress	\$1,648,340	\$2,862,795	\$2,926,341
5 Closeout	12/16/2021	1/31/2022	Not Started	\$1,249,989	\$20,145	\$168
6 Acquisition			N/A	\$0	\$0	\$0
Total				\$3,472,703	\$3,459,879	\$3,671,984

Current Substantial Completion 12/15/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/1/2018	2/1/2018	\$0
2 Preliminary Design	2/1/2018	10/5/2018	\$65,697
3 Final Design	10/22/2018	7/16/2019	\$313,095
4 Implementation	7/18/2019	4/29/2020	\$2,835,653
5 Closeout	4/30/2020	6/24/2020	\$23,498
6 Acquisition			\$0
Total			\$3,237,943

Baseline Substantial Completion 4/29/2020

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132306 KCIT Radio In-Building Conversion PROGRAMMATIC

**Scope**  Green

### Scope Variance Comment

#### Current Scope

At the KCCH & MRJC (courthouse & detention), the in-building radio system is obsolete and needs to be replaced – devices & wiring.

#### Baseline Scope

At the KCCH & MRJC (courthouse & detention), the in-building radio system is obsolete and needs to be replaced – devices & wiring. This funding request is for the design for these replacements.

**Schedule**  Red

### Schedule Variance Comment

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#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	2/1/2018	2/1/2018	0	7/1/2017	9/1/2017	62	Completed
2 Preliminary Design	2/1/2018	10/5/2018	246	2/18/2018	10/15/2018	239	Completed
3 Final Design	10/22/2018	7/16/2019	267	10/16/2018	9/4/2020	689	Completed
4 Implementation	7/18/2019	4/29/2020	286	10/9/2020	12/15/2021	432	In Progress
5 Closeout	4/30/2020	6/24/2020	55	12/16/2021	1/31/2022	46	Not Started
6 Acquisition							N/A
Substantial Completion Date	4/29/2020			12/15/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	10/22/2018	4/29/2020	555	601	108.00%
Current Schedule	10/16/2018	12/15/2021	1156		

**Cost**  Yellow

### Cost Variance Comment

We waiting for additional funding from PSB.

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132306 KCIT Radio In-Building Conversion PROGRAMMATIC

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$223	\$223	\$223	0.00%
2 Preliminary Design	\$65,697	\$489,863	\$487,298	\$421,601	642.00%
3 Final Design	\$313,095	\$86,853	\$86,853	(\$226,242)	-72.00%
4 Implementation	\$2,835,653	\$2,862,795	\$1,648,340	(\$1,187,313)	-42.00%
5 Closeout	\$23,498	\$20,145	\$1,249,989	\$1,226,491	5,220.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$3,237,943	\$3,459,879	\$3,472,703	\$234,760	7.25%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132641 Archives Building Tenant Improvements STANDALONE

Target Baseline Date	10/05/2018
Actual Baseline Date	05/09/2019
Council District(s)	4
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	David Millar
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	9/17/2018	11/13/2018	Completed	\$28,003	\$28,003	\$12,471
2 Preliminary Design	11/5/2018	6/26/2019	Completed	\$71,953	\$71,953	\$66,673
3 Final Design	6/24/2019	9/16/2020	Completed	\$221,306	\$265,782	\$173,281
4 Implementation	9/16/2020	10/8/2021	Completed	\$1,534,821	\$1,814,647	\$2,002,306
5 Closeout	10/11/2021	2/25/2022	Not Started	\$255,341	\$90,457	\$14,693
6 Acquisition			N/A	\$0	\$13,503	\$0
Total				\$2,111,424	\$2,284,346	\$2,269,424

Current Substantial Completion 1/25/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	9/17/2018	11/13/2018	\$0
2 Preliminary Design	9/17/2018	2/22/2019	\$69,603
3 Final Design	2/25/2019	7/24/2019	\$152,209
4 Implementation	5/27/2019	11/13/2019	\$1,322,678
5 Closeout	10/17/2019	12/18/2019	\$11,647
6 Acquisition			\$0
Total			\$1,556,137

Baseline Substantial Completion 6/4/2019

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132641 Archives Building Tenant Improvements STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

This project includes the design and construction of improvements for Archives building to accommodate 5 year projection of space needs for 34,000 additional archive boxes and 4,500 square feet of office space. The tenant improvements include relocation of office space, installation of energy efficient lighting and improved access to restroom facilities for employees and the general public.

#### Baseline Scope

Design and construct improvements for Archives to accommodate 5 year projection of space needs for 34K boxes and 4,500 sf of office space. Estimate includes: occupied construction; relocate and expand office support space and public entrance, upgrade south building with HVAC climate control and high efficiency lighting.

Schedule  Red

### Schedule Variance Comment

-

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	9/17/2018	11/13/2018	57	9/17/2018	11/13/2018	57	Completed
2 Preliminary Design	9/17/2018	2/22/2019	158	11/5/2018	6/26/2019	233	Completed
3 Final Design	2/25/2019	7/24/2019	149	6/24/2019	9/16/2020	450	Completed
4 Implementation	5/27/2019	11/13/2019	170	9/16/2020	10/8/2021	387	Completed
5 Closeout	10/17/2019	12/18/2019	62	10/11/2021	2/25/2022	137	Not Started
6 Acquisition							N/A
Substantial Completion Date	6/4/2019			1/25/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	2/25/2019	6/4/2019	99	482	486.00%
Current Schedule	6/24/2019	1/25/2021	581		

Cost  Red

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1132641 Archives Building Tenant Improvements STANDALONE

Cost Variance Comment  
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Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$28,003	\$28,003	\$28,003	0.00%
2 Preliminary Design	\$69,603	\$71,953	\$71,953	\$2,350	3.00%
3 Final Design	\$152,209	\$265,782	\$221,306	\$69,097	45.00%
4 Implementation	\$1,322,678	\$1,814,647	\$1,534,821	\$212,143	16.00%
5 Closeout	\$11,647	\$90,457	\$255,341	\$243,694	2,092.00%
6 Acquisition	\$0	\$13,503	\$0	\$0	0.00%
Total	\$1,556,137	\$2,284,346	\$2,111,424	\$555,287	35.68%

# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133706 AFIS Relocation to Black River STANDALONE

Target Baseline Date	
Actual Baseline Date	05/08/2019
Council District(s)	5
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Joe Hicker
RMP Reporting	No - Exempt Under \$25M
Publish Quarter	Q1 2024
Portfolio	
Subportfolio	

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Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru MAR-2024	ITD Budget thru MAR-2024
1 Planning	6/13/2017	8/28/2017	Completed	\$44,193	\$44,403	\$22,822
2 Preliminary Design	9/3/2017	11/15/2018	Completed	\$25,816	\$25,816	\$50,230
3 Final Design	6/14/2019	3/14/2020	Completed	\$203,822	\$203,822	\$220,250
4 Implementation	3/14/2020	9/10/2021	Completed	\$2,123,228	\$2,136,650	\$2,136,748
5 Closeout	9/20/2021	10/29/2021	Completed	\$275,551	\$37,727	\$17,452
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$2,672,610	\$2,448,417	\$2,447,502

Current Substantial Completion 1/29/2021

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	7/31/2018	10/16/2018	\$9,248
2 Preliminary Design	10/17/2018	3/18/2019	\$9,496
3 Final Design	3/19/2019	9/18/2019	\$220,250
4 Implementation	9/19/2019	12/17/2019	\$2,416,164
5 Closeout	12/30/2019	4/7/2020	\$17,452
6 Acquisition			\$0
Total			\$2,672,610

Baseline Substantial Completion 12/17/2019



# Q1 2024 Baseline Detail Report

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

## 1133706 AFIS Relocation to Black River STANDALONE

Scope  Green

### Scope Variance Comment

#### Current Scope

This project includes relocating the King County Regional AFIS Program from their current location on floor 1A of the King County Courthouse to the County's Blackriver Building in Renton.

#### Baseline Scope

This project includes relocating the King County Regional AFIS Program from their current location on floor 1A of the King County Courthouse to the County's Blackriver Building in Renton.

Schedule  Red

### Schedule Variance Comment

Procurement delays in bidding project

#### Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	7/31/2018	10/16/2018	77	6/13/2017	8/28/2017	76	Completed
2 Preliminary Design	10/17/2018	3/18/2019	152	9/3/2017	11/15/2018	438	Completed
3 Final Design	3/19/2019	9/18/2019	183	6/14/2019	3/14/2020	274	Completed
4 Implementation	9/19/2019	12/17/2019	89	3/14/2020	9/10/2021	545	Completed
5 Closeout	12/30/2019	4/7/2020	99	9/20/2021	10/29/2021	39	Completed
6 Acquisition							Not Started
Substantial Completion Date	12/17/2019			1/29/2021			

#### Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	3/19/2019	12/17/2019	273	322	117.00%
Current Schedule	6/14/2019	1/29/2021	595		

Cost  Green

# Q1 2024 Baseline Detail Report

## 1133706 AFIS Relocation to Black River STANDALONE

Agency: All, Fund: All, Year: 2024, Qtr: 1st Quarter, RMP Only: No, Project: All

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru MAR-2024	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$9,248	\$44,403	\$44,193	\$34,945	378.00%
2 Preliminary Design	\$9,496	\$25,816	\$25,816	\$16,320	172.00%
3 Final Design	\$220,250	\$203,822	\$203,822	(\$16,428)	-7.00%
4 Implementation	\$2,416,164	\$2,136,650	\$2,123,228	(\$292,936)	-12.00%
5 Closeout	\$17,452	\$37,727	\$275,551	\$258,099	1,479.00%
6 Acquisition	\$0	\$0	\$0	\$0	0.00%
Total	\$2,672,610	\$2,448,417	\$2,672,610	\$0	0.00%

Quarterly Administrative Budget Revisions

Budget: 2024 1st Quarterly Report, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Change Type: All

Fund Number - Name	Project Number	Project Name	Class Code	Revision Type	ITD Budget thru 12/2023	ITD Actuals thru 12/2023	ITD Balance thru 12/2023	QTD Adopted Budget	2023-2024 Budget Revision	Revised Budget	Revised Balance	Pct Change	Description of Budget Request
3611 WATER QUALITY CONSTRUCTION	1139043	Elliott West CSO Control Planning and Alternatives	STANDALONE	Emergent Need	\$11,783,389	\$5,027,721	\$6,755,668	\$0	\$670,300	\$5,027,790	\$69	5.69%	In April 2023 Ecology published the draft NPDES permit, which includes more stringent Total Residual Chlorine (TRC) limits and unanticipated new rigorous compliance monitoring protocols. In consideration of updated permit requirements, a different preferred alternative was selected. The project has received approval from the state Capital Projects Advisory Review Board (CPARB) to use a General Contractor/Construction Manager (GC/CM) construction delivery. Notice to Proceed for the services is anticipated in July 2024. Now the project needs more appropriation to cover the forecasted spending in the current year. The change was implemented in EBS on 03/11/2024.
3611 WATER QUALITY CONSTRUCTION	1139037	Lakeland Hills Install Generator	STANDALONE	Emergent Need	\$6,342,067	\$5,584,777	\$757,290	\$0	\$1,056,805	\$5,584,778	\$1	16.66%	The anticipated substantial completion date was pushed back to 2024 from 2023, due to delays in the installation of the temporary power control system and material delivery. The delay led to an increase in WTD staff labor and other construction and non-construction-related costs. Furthermore, in late September, there was an intrusion into the pump station that left the fencing damaged and the temporary power control system mostly unharmed. In order to avoid future project delays, security services were hired adding the additional costs. The change was implemented in EBS on 03/11/2024.
3611 WATER QUALITY CONSTRUCTION	1139044	Loop Biosolids Compost Pilot at SP	STANDALONE	Emergent Need	\$5,074,056	\$1,928,350	\$3,145,706	\$0	\$1,314,280	\$1,954,336	\$25,986	25.9%	Project was delayed due to availability of critical equipment, biosolids mixer. The originally planned equipment is no longer available and the only equipment that will still meet the requirements is more expensive and takes longer to deliver. Delayed schedule also increases staffing and construction costs. The change was implemented in EBS on 03/26/2024.
3611 WATER QUALITY CONSTRUCTION	1139038	Medina PS MCC & Generator Replacement	STANDALONE	Emergent Need	\$6,099,314	\$5,251,801	\$847,513	\$0	\$1,500,089	\$5,251,801	\$0	24.59%	The project needs more appropriation to cover the increased cost. The main driver of the cost increase was a schedule delay due to supply chain issues. Substantial completion is delayed for 1 year causing more labor and temporary generator rental cost. The change was implemented in EBS on 03/26/2024.
3611 WATER QUALITY CONSTRUCTION	1129538	Technology Assessment and Innovation Project	STANDALONE	Emergent Need	\$9,561,376	\$7,632,705	\$1,928,671	\$0	\$305,000	\$7,635,601	\$2,896	3.19%	The additional appropriation is needed to hire two additional engineers and equipment/materials/labor required for execution of pilot test projects planned. The change was implemented in EBS on 03/26/2024.
3611 WATER QUALITY CONSTRUCTION	1143830	WPTP Critical Gate Refurbishment	STANDALONE	Emergent Need	\$2,350,000	\$327,411	\$2,022,589	\$0	\$817,700	\$327,470	\$59	34.8%	Design Notice to Proceed (NTP) has been issued earlier than forecasted schedule during FY2023 and 2024 biennium. The current budget asking is to cover the revised spending in 2024. The change was implemented in EBS on 3/11/2024.
3611 WATER QUALITY CONSTRUCTION	1139052	WPTP Instrument & Service Air Replacement	STANDALONE	Emergent Need	\$4,712,000	\$2,423,260	\$2,288,740	\$0	\$910,000	\$2,434,286	\$11,026	19.31%	The requested appreciation is to cover the increased cost mainly from a contract for a temporary compressor. The temporary compressor allows continued plant operations. The change was implemented in EBS on 3/26/2024.
3611 WATER QUALITY CONSTRUCTION	1048049	WTD CIP Contingency Fund	STANDALONE	Emergent Need	\$49,530,762	\$4,117	\$49,526,645	\$0	(\$6,574,174)	\$42,956,588	\$42,952,471	-13.27%	This request is to transfer the spending authority to other projects for their emergent need. The change was implemented in EBS on 3/26/2024.
3611 WATER QUALITY CONSTRUCTION Emergent Need Subtotal								\$0	\$0	\$71,172,650			
3611 WATER QUALITY CONSTRUCTION	1038313	WTC KIRKLAND PS MODIFICATIONS	STANDALONE	Budget Closure	\$23,626,860	\$22,862,791	\$764,069	\$0	(\$764,069)	\$22,862,793	\$0	-3.34%	Disappropriating balance in the PIC system for completed project. This technical adjustment was submitted by WTD for the 2023 2nd Quarterly Report, but was erroneously excluded from the Final Adopted scenario. The change was implemented in EBS in June 2023. The ITD Budget reported in this report is from 3/2023.
3611 WATER QUALITY CONSTRUCTION Budget Closure Subtotal								\$0	(\$764,069)	\$22,862,793			
3611 WATER QUALITY CONSTRUCTION Subtotal								\$0	(\$764,069)	\$93,271,374			
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134278	Battery Electric Bus Chargers at Bellevue Base #1	STANDALONE	Budget Closure	\$1,511,726	\$1,507,900	\$3,826	\$0	(\$3,825)	\$1,507,901	\$1	-0.25%	
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134280	Battery Electric Bus Chargers at Eastgate #2	STANDALONE	Budget Closure	\$3,217,202	\$3,206,834	\$10,369	\$0	(\$10,369)	\$3,206,833	(\$0)	-0.32%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134281	Battery Electric Bus Chargers at Redmond Transit Center	STANDALONE	Budget Closure	\$439,769	\$439,615	\$154	\$0	(\$154)	\$439,615	(\$0)	-0.04%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1131481	Bus Lift Replacement at Bellevue and Central Bases	STANDALONE	Budget Closure	\$4,140,125	\$3,652,045	\$488,080	\$0	(\$488,080)	\$3,652,045	\$0	-11.79%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1117191	Bus Lift Replacement at Ryerson Base	STANDALONE	Budget Closure	\$10,646,919	\$10,643,846	\$3,073	\$0	(\$3,074)	\$10,643,845	(\$1)	-0.03%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129644	Central Atlantic Base Expansion	STANDALONE	Budget Closure	\$2,577,105	\$2,293,131	\$283,974	\$0	(\$283,974)	\$2,293,131	(\$0)	-11.02%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134199	Central Base Body Shop to Vehicle Maintenance Conversion	STANDALONE	Budget Closure	\$135,147	\$103,712	\$31,435	\$0	(\$31,435)	\$103,712	\$0	-23.26%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134110	Comfort Station Management System	STANDALONE	Budget Closure	\$861,220	\$820,650	\$40,570	\$0	(\$40,570)	\$820,650	(\$0)	-4.71%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1112007	Data Infrastructure Replacement	STANDALONE	Budget Closure	\$5,263,729	\$5,261,358	\$2,371	\$0	(\$2,371)	\$5,261,358	\$0	-0.05%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134103	Document Management System Replacement	STANDALONE	Budget Closure	\$249,621	\$145,392	\$104,229	\$0	(\$104,229)	\$145,392	\$0	-41.75%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134108	Electronic Sign In for Operators	STANDALONE	Budget Closure	\$755,433	\$697,185	\$58,248	\$0	(\$58,248)	\$697,185	(\$0)	-7.71%	This project has closed. This adjustment removes remaining unspent appropriation.

3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134109	Enterprise Asset Management Upgrade and Enhancement	STANDALONE	Budget Closure	\$809,146	\$627,414	\$181,732	\$0	(\$181,732)	\$627,414	(\$0)	-22.46%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134106	Fare Enforcement Enhancements	STANDALONE	Budget Closure	\$791,486	\$323,794	\$467,692	\$0	(\$467,692)	\$323,794	\$0	-59.09%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1124415	HASTUS Planning Module	STANDALONE	Budget Closure	\$1,245,079	\$1,168,312	\$76,767	\$0	(\$76,767)	\$1,168,312	(\$0)	-6.17%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139323	Holgate Yard Lease	STANDALONE	Budget Closure	\$190,334	\$107,997	\$82,337	\$0	(\$82,337)	\$107,997	\$0	-43.26%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1137063	Interim Base Battery Electric Bus Chargers	STANDALONE	Budget Closure	\$400,000	\$276,927	\$123,073	\$0	(\$123,073)	\$276,927	(\$0)	-30.77%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129881	Microwave Radio Towers Replacement	STANDALONE	Budget Closure	\$2,474,235	\$2,471,586	\$2,649	\$0	(\$2,649)	\$2,471,586	(\$0)	-0.11%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1142001	Mobility Hubs Access Planning	STANDALONE	Budget Closure	\$266,000	\$55,690	\$210,310	\$0	(\$210,311)	\$55,689	(\$1)	-79.06%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1132367	Montlake Hub	STANDALONE	Budget Closure	\$4,408,525	\$3,975,035	\$433,490	\$0	(\$433,490)	\$3,975,035	(\$0)	-9.83%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134219	North Base Garage Ventilation	STANDALONE	Budget Closure	\$1,348,454	\$648,225	\$700,229	\$0	(\$700,229)	\$648,225	\$0	-51.93%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134255	North Base Transformer and South Base Switch Replacement	STANDALONE	Budget Closure	\$1,729,102	\$75,402	\$1,653,700	\$0	(\$1,653,699)	\$75,403	\$1	-95.64%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139379	North Facilities Yard Light Replacement	STANDALONE	Budget Closure	\$399,650	\$34	\$399,615	\$0	(\$399,615)	\$35	\$0	-99.99%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1123981	North Gate Non-Motorized Access	STANDALONE	Budget Closure	\$94,206	\$7,818	\$86,388	\$0	(\$86,388)	\$7,818	(\$0)	-91.7%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134664	North Seattle Speed & Reliability Investment	STANDALONE	Budget Closure	\$329,234	\$323,213	\$6,021	\$0	(\$6,021)	\$323,213	\$0	-1.83%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129648	On-Bus Camera System Expansion	STANDALONE	Budget Closure	\$4,632,027	\$4,365,390	\$266,637	\$0	(\$266,637)	\$4,365,390	(\$0)	-5.76%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134101	Online Reduced Fare Application	STANDALONE	Budget Closure	\$870,838	\$641,520	\$229,318	\$0	(\$229,318)	\$641,520	\$0	-26.33%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1132532	ORCA Readers Along 9th Avenue	STANDALONE	Budget Closure	\$5,282,600	\$5,115,297	\$167,303	\$0	(\$167,303)	\$5,115,297	(\$0)	-3.17%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134258	Overall Miscellaneous Small Works	STANDALONE	Budget Closure	\$551,007	\$1,958	\$549,049	\$0	(\$549,049)	\$1,958	(\$0)	-99.64%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139380	Power Distribution Yard Light Replacement	STANDALONE	Budget Closure	\$230,083	\$0	\$230,083	\$0	(\$230,083)	(\$0)	(\$0)	-100.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134196	Redmond Layover	STANDALONE	Budget Closure	\$328,094	\$327,056	\$1,038	\$0	(\$1,038)	\$327,056	(\$0)	-0.32%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134235	Regional Transit Integration Program Management	STANDALONE	Budget Closure	\$682,038	\$632,986	\$49,053	\$0	(\$49,053)	\$632,985	(\$0)	-7.19%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1128656	Relocation of Communication Room at Convention Place Station	STANDALONE	Budget Closure	\$4,182,888	\$3,884,185	\$298,703	\$0	(\$298,703)	\$3,884,185	\$0	-7.14%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1122396	Renovation of Elevators at the Downtown Tunnel	STANDALONE	Budget Closure	\$5,415,209	\$5,135,108	\$280,101	\$0	(\$280,101)	\$5,135,108	(\$0)	-5.17%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1121955	Replacement of Park and Ride Lighting With LED	STANDALONE	Budget Closure	\$2,591,900	\$2,542,948	\$48,952	\$0	(\$48,952)	\$2,542,948	\$0	-1.89%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134273	Replacement of Security Cameras at Pass Sales Area	STANDALONE	Budget Closure	\$63,156	\$42,771	\$20,385	\$0	(\$20,385)	\$42,771	\$0	-32.28%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129800	Safety and Security System	STANDALONE	Budget Closure	\$1,694,525	\$1,596,475	\$98,051	\$0	(\$98,051)	\$1,596,474	(\$0)	-5.79%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1123790	Sale of Convention Place Station	STANDALONE	Budget Closure	\$7,931,434	\$7,701,243	\$230,191	\$0	(\$230,191)	\$7,701,243	\$0	-2.9%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139391	Service Management Modernization	STANDALONE	Budget Closure	\$3,354,501	\$1,650,890	\$1,703,611	\$0	(\$1,703,611)	\$1,650,890	(\$0)	-50.79%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134330	Shelter Refurbishment 2021-22	STANDALONE	Budget Closure	\$3,773,535	\$3,172,024	\$601,511	\$0	(\$601,511)	\$3,172,024	(\$0)	-15.94%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129642	South Base Expansion	STANDALONE	Budget Closure	\$23,146,123	\$23,143,618	\$2,505	\$0	(\$2,505)	\$23,143,618	(\$0)	-0.01%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139377	South Facilities Yard Light Replacement	STANDALONE	Budget Closure	\$1,128,119	\$0	\$1,128,119	\$0	(\$1,128,119)	(\$0)	(\$0)	-100.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129631	South King Base Construction	STANDALONE	Budget Closure	\$4,400,527	\$1,793,283	\$2,607,243	\$0	(\$2,607,243)	\$1,793,284	\$0	-59.25%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134203	TDC COMFORT ST FUTURE #1 LBC	STANDALONE	Budget Closure	\$33,376	\$11,400	\$21,975	\$0	(\$21,975)	\$11,401	\$0	-65.84%	This project has closed. This adjustment removes remaining unspent appropriation.

3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134225	TDC SOUTH BASE SUBSTATION	STANDALONE	Budget Closure	\$74,005	\$66,419	\$7,586	\$0	(\$7,586)	\$66,419	(\$0)	-10.25%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1131130	Temporary Bus Ramp at Convention Place Station	STANDALONE	Budget Closure	\$4,000,000	\$3,999,654	\$346	\$0	(\$346)	\$3,999,654	(\$0)	-0.01%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129801	Transit Business Intelligence Database	STANDALONE	Budget Closure	\$5,873,032	\$5,753,814	\$119,218	\$0	(\$119,218)	\$5,753,814	(\$0)	-2.03%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134233	Transit Hubs Planning	STANDALONE	Budget Closure	\$1,154,923	\$791,861	\$363,062	\$0	(\$363,062)	\$791,861	\$0	-31.44%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129622	Van Distribution Center Parking	STANDALONE	Budget Closure	\$1,968,524	\$1,894,660	\$73,864	\$0	(\$73,864)	\$1,894,660	(\$0)	-3.75%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1139375	Van Distribution Center Yard Light Replacement	STANDALONE	Budget Closure	\$1,082,579	\$0	\$1,082,579	\$0	(\$1,082,579)	\$0	\$0	-100.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134374	Vehicle Fluids Distribution System Replacement at South Base	STANDALONE	Budget Closure	\$1,050,593	\$0	\$1,050,593	\$0	(\$1,050,592)	\$1	\$1	-100.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1137066	Vehicle Maintenance Dispatch Modernization	STANDALONE	Budget Closure	\$360,592	\$358,508	\$2,084	\$0	(\$2,084)	\$358,508	(\$0)	-0.58%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129799	Vehicle Telematics for Coaches	STANDALONE	Budget Closure	\$1,535,664	\$1,535,522	\$142	\$0	(\$142)	\$1,535,522	(\$0)	-0.01%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134226	Wellness Center Program Management	STANDALONE	Budget Closure	\$69,552	\$65,171	\$4,380	\$0	(\$4,380)	\$65,172	\$0	-6.3%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134241	Heating, Ventilation and Conditioning Small Works 2019-20	TDC 198.20 HVAC SM WRKS	Budget Closure	\$737,309	\$115,116	\$622,193	\$0	(\$619,359)	\$117,950	\$2,834	-84.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1129621	Bicycle Parking Expansion	TDC BICYCLE PARKING EXP	Budget Closure	\$325,643	\$311,151	\$14,492	\$0	(\$14,491)	\$311,152	\$1	-4.45%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134214	Facility Improvement Program Administration	TDC FACILITIES IMPR ADMIN	Budget Closure	\$173,536	\$95,718	\$77,818	\$0	(\$77,818)	\$95,718	(\$0)	-44.84%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1111778	Facility Condition Assessments	TDC FACILITY CONDITION ASSMT	Budget Closure	\$6,225,943	\$6,219,902	\$6,042	\$0	(\$6,042)	\$6,219,901	(\$1)	-0.1%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1124396	RapidRide Alaskan Way Viaduct & East Link Facility	TDC RAPIDRIDE AWW & ELINK FAC	Budget Closure	\$238,201	\$182,164	\$56,037	\$0	(\$56,038)	\$182,163	(\$1)	-23.53%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1134268	Routine Pavement Repair 2019-20	TDC ROUTINE PAV REPAIR 2019-20	Budget Closure	\$4,736,585	\$4,735,999	\$586	\$0	(\$585)	\$4,736,000	\$1	-0.01%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1115487	Shelter Refurbishment	TDC SHELTER REFURBISHMENT	Budget Closure	\$11,513,446	\$10,868,534	\$644,912	\$0	(\$644,912)	\$10,868,534	(\$0)	-5.6%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1028830	Transit Priority Improvement	TDC TRANSIT PRIORITY IMPR	Budget Closure	\$5,503,800	\$4,902,187	\$601,612	\$0	(\$601,613)	\$4,902,187	(\$1)	-10.93%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1115490	Trolley Overhead Switches	TDC TROLLEY OVERHEAD SWITCHES	Budget Closure	\$3,777,807	\$3,135,351	\$642,456	\$0	(\$642,456)	\$3,135,351	(\$0)	-17.01%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL	1115489	Trolley Poles Infrastructure	TDC TROLLEY POLES	Budget Closure	\$6,744,780	\$5,328,698	\$1,416,082	\$0	(\$1,416,082)	\$5,328,698	\$0	-21.0%	This project has closed. This adjustment removes remaining unspent appropriation.
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL Budget Closure Subtotal								\$0	(\$20,767,409)	\$150,954,530			
3641 PUBLIC TRANSPORTATION INFRASTRUCTURE CAPITAL Subtotal								\$0	(\$20,767,409)	\$150,954,530			
3642 TRANSIT REVENUE FLEET CAPITAL	1130168	40 Foot Battery Electric Bus 2017	STANDALONE	Budget Closure	\$9,000,000	\$8,766,468	\$233,532	\$0	(\$233,532)	\$8,766,468	\$0	-2.59%	This project has closed. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL	1134227	Americans With Disabilities (ADA) Vans Backup Camera System	STANDALONE	Budget Closure	\$142,758	\$59	\$142,699	\$0	(\$142,699)	\$59	\$0	-99.96%	This project was canceled. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL	1132837	Leased Electric Bus Testing	STANDALONE	Budget Closure	\$4,163,535	\$3,971,762	\$191,773	\$0	(\$191,773)	\$3,971,762	\$0	-4.61%	This project has closed. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL	1130164	WSDOT 40 Foot Hybrid Bus 2018	STANDALONE	Budget Closure	\$163,546,393	\$160,619,362	\$2,927,031	\$0	(\$2,927,031)	\$160,619,362	\$0	-1.79%	This project has closed. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL	1130165	WSDOT 60 Foot Hybrid Bus	STANDALONE	Budget Closure	\$59,674,343	\$56,824,106	\$2,850,237	\$0	(\$2,850,237)	\$56,824,106	(\$0)	-4.78%	This project has closed. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL	1130166	WSDOT 60 Foot Hybrid Bus 2017	STANDALONE	Budget Closure	\$226,479,414	\$223,135,476	\$3,343,938	\$0	(\$3,343,938)	\$223,135,476	(\$0)	-1.48%	This project has closed. This adjustment removes remaining unspent appropriation.
3642 TRANSIT REVENUE FLEET CAPITAL Budget Closure Subtotal								\$0	(\$9,689,210)	\$453,317,233			
3642 TRANSIT REVENUE FLEET CAPITAL Subtotal								\$0	(\$9,689,210)	\$453,317,233			
3771 INFORMATION TECHNOLOGY SERVICES CAPITAL	1129863	DES RALS Hire Licensing System Collaboration	STANDALONE	Budget Closure	\$166,500	\$79,256	\$87,244	\$0	(\$87,244)	\$79,256	\$0	-52.4%	The project is completed, and the solution has transition to O&M.
3771 INFORMATION TECHNOLOGY SERVICES CAPITAL Budget Closure Subtotal								\$0	(\$87,244)	\$79,256			
3771 INFORMATION TECHNOLOGY SERVICES CAPITAL Subtotal								\$0	(\$87,244)	\$79,256			
3781 ITS CAPITAL	1141183	KCIT Mass Vaccination Scheduling & Tracking	STANDALONE	Budget Closure	\$6,850,372	\$4,631,387	\$2,218,985	\$0	(\$2,218,984)	\$4,631,388	\$1	-32.39%	The project is completed.
3781 ITS CAPITAL	1143991	KCIT Payment Kiosks	STANDALONE	Budget Closure	\$150,000	\$61,478	\$88,522	\$0	(\$88,522)	\$61,478	\$0	-59.01%	The project is closed.
3781 ITS CAPITAL Budget Closure Subtotal								\$0	(\$2,307,506)	\$4,692,866			
3781 ITS CAPITAL Subtotal								\$0	(\$2,307,506)	\$4,692,866			
3901 SOLID WASTE CONSTRUCTION	1135055	Enumclaw & Vashon Transfer Station Solar & Efficiency Project	STANDALONE	Emergent Need	\$1,222,000	\$1,241,380	(\$19,380)	\$0	\$200,000	\$1,422,000	\$180,620	16.37%	To cover the outstanding invoices for project completion and cost overrun. Entered into EBS 1/18/2024.
3901 SOLID WASTE CONSTRUCTION	1033496	Solid Waste Capital Construction Fund Emergent Need	STANDALONE	Emergent Need	\$19,954,000	\$0	\$19,954,000	\$0	(\$200,000)	\$19,754,000	\$19,754,000	-1.0%	To cover the outstanding invoices for project completion and cost overrun. Entered into EBS 1/18/2024.
3901 SOLID WASTE CONSTRUCTION Emergent Need Subtotal								\$0	\$0	\$21,176,000			
3901 SOLID WASTE CONSTRUCTION Subtotal								\$0	\$0	\$21,176,000			
Grand Total					\$781,387,011	\$661,325,367	\$120,061,643	\$0	(\$33,615,438)	\$723,491,259	\$62,165,891	-4.3%	