

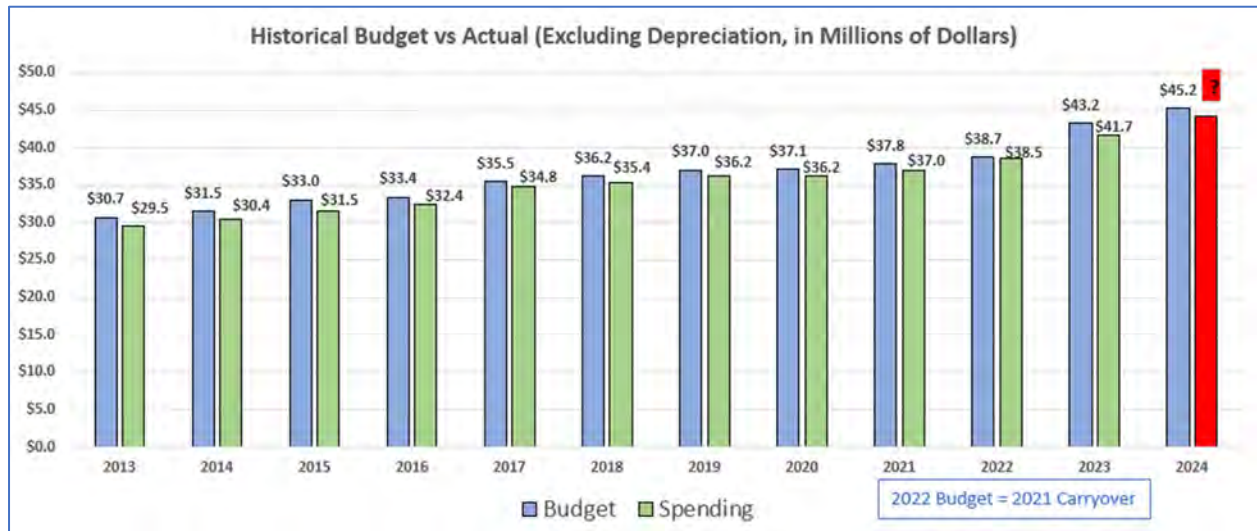


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Adopted December 18, 2023

HISTORICAL BUDGET vs. ACTUAL SPENDING



The District historically spends less than budgeted, as illustrated in the chart above. Since 2013, on average, the District has spent \$1 million less than was budgeted each year. As part of this 2024 budget process, staff have reduced operating expenditures in numerous areas to align historical spending averages more closely with projected spending needs.

The primary cost drivers associated with the increase in budget for 2024 are identified below.

- Wholesale Services: Increased \$1,176,945 (45.2% of total District increase)
- Personnel: Increased \$912,121 (35.2% of total District increase)
 - Includes new potential VEBA HRA Program (\$244,000)
- Insurance and Utilities: Increased \$231,492 (8.9% of total District increase)
- Franchise Fees: Increased \$141,065 (5.4% of total District increase)
- Taxes (excise/property): Increased \$95,495 (3.7% of total District increase)
- Legal: Increased \$40,000 (1.5% of total District increase)

There are several cost areas where staff are proposing reductions in spending to more closely align with historical and projected needs to continue meeting service level expectations.

- Operations: Decreased **\$184,500** (33% of total District decrease)
- Fleet: Decreased **\$133,500** (24% of total District decrease)
- Office Related: Decreased **\$116,700** (21% of total District decrease)
- Engineering: Decreased **\$50,000** (9% of total District decrease)
- Various Other: Decreased **\$69,775** (13% of total District decrease)

OPERATING EXPENSE SUMMARY

Description	2023 Adopted Budget	2023 Estimated Actual	2024 Proposed Budget
Total Wholesale Costs	24,985,493	24,985,493	26,162,438
Total Direct Labor	6,586,708	6,527,000	7,266,922
Total Payroll Taxes	563,712	552,000	591,258
Total PEBB Healthcare	1,001,417	966,000	993,430
Total PERS	630,105	614,000	644,234
Total Travel	47,500	30,500	37,000
Total Meals and Recognition	28,000	25,900	23,600
Total Training	124,000	54,700	90,500
Total Other Employee Benefits	284,013	255,370	291,631
VEBA Health Reimbursement Arrangement	-	-	244,000
Total Legal Fees	102,500	95,500	142,500
Total Professional Services	227,000	166,150	211,700
Total Permits & Governmental Expense	269,000	158,000	251,000
Total Outreach	59,000	35,000	54,000
Total Office Expense	498,350	336,300	381,650
Total Small Equipment & Leasing	57,500	32,500	44,500
Total Engineering Expense	52,500	1,000	2,500
Total Operations Expenses	1,262,000	753,800	1,077,500
Total Fleet Expenses	641,000	443,500	507,500
Total Facilities Expenses	196,000	180,250	179,000
Total Utilities & Insurance	770,117	781,017	1,001,609
Total Computer Expenses	621,060	532,000	633,378
Total PWTF Interest Expense	5,800	4,500	4,325
Total Taxes	1,105,380	1,127,873	1,200,875
Kirkland Franchise Fee	3,066,632	3,066,632	3,207,697
Everett RWA Costs (C592)	2,000	1,000	2,000
Totals	43,186,785	41,725,985	45,246,747

WHOLESALE COSTS:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Wholesale Serv Cst Sewage Treatment KC	\$ 18,969,604	\$ 18,969,604	\$ 20,069,841
Wholesale Serv Cost Water SPU	\$ 6,015,889	\$ 6,015,889	\$ 6,092,597
Total Wholesale Costs	\$ 24,985,493	\$ 24,985,493	\$ 26,162,438

The overall budget for wholesale cost increased 4.7%.

- King County has increased sewer costs for 2024 by 5.8% (\$1.1 million), with similar increases in these costs indicated over the next several years. This budget item accounts for almost 45% of the total District operating budget.
- Our block water contract costs to SPU will be 1.3% higher in 2024, which is consistent with the District's SPU contract. The two-year true-up from 2021 was minor and resulted in a small adjustment to SPU regional rate study amounts for 2024 block costs.

DIRECT LABOR:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Direct Labor Costs - Commissioners	\$ 61,440	\$ 55,000	\$ 77,414
Direct Labor Costs - Management Team	\$ 1,010,666	\$ 1,120,000	\$ 1,110,080
Direct Labor Costs - Engineering	\$ 1,257,801	\$ 1,200,000	\$ 1,266,485
Direct Labor Costs - Finance	\$ 532,939	\$ 525,000	\$ 615,075
Direct Labor Costs - IT	\$ 521,804	\$ 530,000	\$ 581,885
Direct Labor Costs - Admin/HR	\$ 391,004	\$ 380,000	\$ 442,300
Direct Labor Costs - Fleet/Facilities	\$ 552,498	\$ 467,000	\$ 505,941
Direct Labor Costs - Operations	\$ 2,258,556	\$ 2,250,000	\$ 2,667,742
Total Direct Labor	\$ 6,586,708	\$ 6,527,000	\$ 7,266,922

The budget for direct labor (DL) assumes 100% of all open positions are filled according to the timing estimation of each departmental Director. For this reason, historically actual spending does not exceed budgeted funds, as departments rarely fill their open positions in the timeframe under which they are budgeted (generally full year).

The budget for DL includes all elements of gross income. A historical average of the actual non-salary payments to staff is generally used to estimate these additional DL costs per department. These elements include:

- Salaries and hourly wages.
- All cash outs (compensatory time, sick leave, vacation, etc.).
- Wage corrections.

The primary driver for the 10.3% increase in DL costs from 2023 to 2024 is tied to the Cost-of-Living Adjustment (COLA) of 4.6% as an adjustment effective January 1, 2024, impacts of the summer 2023 salary study, and salary step adjustments to eligible staff.

Below is a discussion of significant year over year DL budget changes for 2024:

Commissioners (increased 26%):

- Driven by the anticipated 26% increase to the Commissioner per diem rate to be released by the Washington Office of Financial Management based on a legislatively enacted multi-year CPI adjustment.

Management Team (increased 9.8%):

- Primarily driven by the reclassification and filling of the Assistant General Manager position from an Administrative Service Manager, and the General Manager agreement. This figure includes current and former employee obligations.

Administration (increased 13.1%):

- Adjustments are primarily related to the noted COLA coupled with annual step increases for several employees.

Engineering (increased 0.7%):

- Flat DL balancing COLA adjustments with some staffing revisions.

Finance (increased 15.4%):

- Adjustments are primarily related to the noted COLA coupled with annual step increases for several employees, along with a full year budgeting of the Customer Service Technician – Lead position.

IT (increased 11.5%):

- Adjustments are primarily related to the noted COLA coupled with annual step increases for several employees, along with reclassifying the IT Supervisor Position to IT Manager.

Fleet/Facilities (decreased 8.4%):

- This decrease is primarily tied to a long-term top step employee retiring and being replaced with a lower salary position.

Operations (increased 18.1%):

- Adjustments are primarily related to the noted COLA coupled with annual step increases for several employees, along with Salary Study impacts.

PAYROLL TAXES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Total Labor & Industries	\$ 50,744	\$ 49,100	\$ 54,031
PEBB Healthcare	\$ 1,001,417	\$ 966,000	\$ 993,430
PERS	\$ 630,105	\$ 614,000	\$ 644,234
Social Security & Medicare	\$ 480,351	\$ 487,900	\$ 522,227
Unemployment	\$ 7,500	\$ 15,000	\$ 15,000
Total Payroll Taxes	\$ 2,170,117	\$ 2,132,000	\$ 2,228,922

The budget for this collective group of accounts increased 2.7%.

Payroll taxes typically track closely as a percentage of direct labor costs. For example, in 2023 estimated actual payroll taxes are 32.7% of actual direct labor. For 2024 the budget for these taxes calculates to 30.7% of budgeted direct labor costs.

Labor & Industries (increased 6.5%)

- This increase is the result of to the Labor & Industries implementing a 4.9% increase in contribution rates, along with some additional hours projected worked by District staff that are applicable to this contribution requirement.

PEBB Healthcare (decreased 0.8%):

- The decrease is related to Health Care cost premiums being adjusted in July 2024 are being reduced by 2% for the most utilized health plan (Uniform Medical Plan – Classic).

PERS (increased 2.2%):

- This increase is related to the DL cost increases noted above as wages subject to PERS calculations; PERS rates are not changing in 2024.

Social Security and Medicare (increased 8.7%):

- Social Security and Medicare are simple calculations based on DL estimates, subject to applicable wage limits that are adjusted from time to time. These limits were adjusted in 2024, resulting in more applicable wages subject to the taxes.

VEBA Health Reimbursement Arrangement:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
VEBA HRA	\$ -	\$ -	\$ 244,000

Several local municipalities participate in an employee benefit program known as a Health Reimbursement Arrangement (HRA). HRA's set aside pre-tax funds employees can utilize to pay out-of-pocket medical expenses that are not covered by health insurance plans. These can include items like co-pays, deductibles, and so on.

While the Board has not yet been presented options on a HRA plan for consideration, a line item in the 2024 proposed budget is being included pending future discussion and potential action. The highest proposed amount of \$4,000 per employee is included in this figure as a common out-of-pocket maximum for the most used District health insurance plans.

TRAVEL, MEALS, RECOGNITION AND TRAINING:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Total Travel	\$ 47,500	\$ 30,500	\$ 37,000
Total Meals & Recognition	\$ 28,000	\$ 25,900	\$ 23,600
Total Training	\$ 124,000	\$ 54,700	\$ 90,500

Travel (decreased 22.1%):

- The decrease in travel expenses for 2024 reflects a reduction in travel and associated expenses with a focus on more localized training versus out-of-state travel.

Meals and Recognition (decreased 15.7%):

- Overall cost decreases are primarily related to no longer providing meals for Board meetings.

Training (decreased 27%):

- This decrease is driven by a detailed look at estimated actual expenditures and aligning the 2024 budget request with this reduced amount.

OTHER EMPLOYEE BENEFITS & RELATED EXPENSES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Total Books & Tuition Reimbursements	\$ 29,000	\$ 5,000	\$ 19,000
Section 457(b) Matching Contributions	\$ 185,013	\$ 187,100	\$ 204,907
Total Other Employee Related Expenses	\$ 70,000	\$ 63,270	\$ 67,724

Books and Tuition Reimbursements (decreased 34.5%):

- The 2024 decrease is primarily tied to a closer alignment of actual 2023 expenditures compared to 2024 forecasted needs.

Other Employee Benefits (increased 10.8%):

- This category includes expenses that are directly attributable to each department (e.g., 457(b) matches by the District) and those not attributable (e.g.,

management fees for the 457(b) plan, Navia (Section 125 plan) and the District's EAP provider.

- The most significant contributor to this increase is the District's 457(b) matches. This amount was budgeted to capture 100% of all employee participation, as well as each employee contributing enough to maximize their District match.

Other Employment Related Expenses (decreased 3.3%):

- Included in this category are costs for laundry, coffee and refreshments provided to the employees by the District. These costs decreased primarily related to a decrease in usage compared to 2023 estimated actual expenditures.

LEGAL FEES AND PROFESSIONAL SERVICES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Legal Fees - General	\$ 85,000	\$ 52,000	\$ 85,000
Legal Fees - Engineering	\$ 7,500	\$ 3,500	\$ 7,500
Legal Fees - Admin/HR	\$ 10,000	\$ 40,000	\$ 50,000
Total Legal	\$ 102,500	\$ 95,500	\$ 142,500
Professional Services - Engineering	\$ 50,000	\$ 500	\$ 15,000
Professional Services - Finance	\$ 60,000	\$ 45,000	\$ 65,000
Professional Services - Operations	\$ 30,000	\$ 5,000	\$ 15,000
Professional Services - Safety	\$ -	\$ 1,650	\$ 1,700
Professional Services - Emergency Services	\$ 30,000	\$ 30,000	\$ 30,000
Professional Services Outsourced Billing & Printing	\$ 45,000	\$ 80,000	\$ 85,000
Total Professional Services	\$ 227,000	\$ 166,150	\$ 211,700

Legal Fees (increased 39%):

- Legal fees are increasing based on additional expenditures budgeted regarding personnel litigation defense.

Professional Services (decreased 6.7%):

- Finance includes costs for Auditing services delayed from 2023 for the 2021 financial audit and 2020 and 2021 accountability audits.
- Other costs include WASWD Section IV and NEMCO dues.
- Outsourced billing costs are being increased to reflect actual costs for these services in 2023, forecasted forward.

GOVERNMENTAL SERVICES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Permits and Inspections	\$ 155,000	\$ 148,000	\$ 161,000
King County Services: Election Expenses	\$ 100,000	\$ -	\$ 78,000
King County Services: Miscellaneous Charges	\$ 14,000	\$ 10,000	\$ 12,000
Total Governmental	\$ 269,000	\$ 158,000	\$ 251,000

Water and Sewer Permits/Inspections (increased 3.9%):

- This increase is tied to an increase in total external agency permitting fees (does not include developer charged District permit fees).
- Permits budgeted here include Department of Health, City right-of-way, and County permit recording fees.

King County Services (decreased 21%):

- The 2024 budget includes an allocation for 2023 election costs, which are less than originally anticipated.

OUTREACH:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Total Outreach	\$ 59,000	\$ 35,000	\$ 54,000

Outreach (decreased 8.5%):

- Services in this budget group include the FLOW newsletter, Nature Vision, community event sponsorship, and public relations support.

OFFICE RELATED EXPENSES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Office Supplies	\$ 35,000	\$ 25,000	\$ 30,000
Subscriptions - General	\$ 1,500	\$ 800	\$ 1,000
Subscriptions - Engineering	\$ 500	\$ 500	\$ 500
Professional Dues, Lic, Memberships - General	\$ 40,000	\$ 34,000	\$ 40,000
Professional Dues, Lic, Memberships - Admin/HR	\$ 50	\$ 3,000	\$ 7,650
Office Expenses Postage	\$ 60,000	\$ 82,000	\$ 95,000
Office Expenses Printing	\$ 5,000	\$ 4,000	\$ 4,000
Messenger Service	\$ 4,000	\$ 2,000	\$ 3,500
Misc Credit Card Fees	\$ 340,000	\$ 185,000	\$ 200,000
Total Office Related	\$ 498,350	\$ 336,300	\$ 381,650

Office related expenses (decreased 23.4%):

- Office Supplies were decreased given the reduced use of disposable office supplies.
- Credit card fees have been reduced significantly compared to the 2023 Budget and estimated actual figures, which is being forecasted to continue into 2024.

MISCELLANEOUS EQUIPMENT, ENGINEERING AND OPERATIONS EXPENSES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Minor Equipment - Operations	\$ 15,000	\$ 4,000	\$ 10,000
Minor Equipment - Safety	\$ 10,000	\$ 3,000	\$ 10,000
Minor Equipment Leasing Maint - General	\$ 10,000	\$ 5,500	\$ 5,000
Minor Equipment Leasing Maint - IT	\$ 22,500	\$ 20,000	\$ 19,500
Total Equipment Related	\$ 57,500	\$ 32,500	\$ 44,500
Engineering Project Expenses	\$ 52,500	\$ 1,000	\$ 2,500
Total Engineering Related	\$ 52,500	\$ 1,000	\$ 2,500
Operations Exp Contracted Services - Operations	\$ 50,000	\$ 85,000	\$ 145,000
Operations Exp Contracted Services - Sewer	\$ 10,000	\$ 8,000	\$ 10,000
Operations Exp Contracted Services - Water	\$ 45,000	\$ 32,000	\$ 45,000
Operations Exp Emergency Repairs	\$ 50,000	\$ -	\$ 50,000
Operations Exp Equip Rental - Fleet/Facilities	\$ 10,000	\$ -	\$ 5,000
Operations Exp Equip Rental - Operations	\$ 25,000	\$ 5,000	\$ 20,000
Operations Exp Equip Rental - Sewer	\$ 20,000	\$ -	\$ 15,000
Operations Exp Equip Rental - Water	\$ 10,000	\$ -	\$ 10,000
Operations Exp Inventory Parts Consumed	\$ 400,000	\$ 310,000	\$ 340,000
Operations Exp Uniforms - Engineering	\$ 500	\$ -	\$ 500
Operations Exp Uniforms - Operations	\$ 40,000	\$ 25,000	\$ 40,000
Operations Exp Material Dumping/Disposal	\$ 55,000	\$ 23,000	\$ 30,000
Operations Exp Material for Fill/Staging/Restoration	\$ 90,000	\$ 65,000	\$ 90,000
Operations Exp Supplies and Materials - Eng	\$ -	\$ 300	\$ 500
Operations Exp Supplies and Materials - Ops	\$ 50,000	\$ 120,000	\$ 50,000
Operations Exp Supplies and Materials - Sewer	\$ 60,000	\$ 38,000	\$ 40,000
Operations Exp Supplies and Materials - Water	\$ 25,000	\$ 10,000	\$ 25,000
Operations Exp Supplies and Materials - Safety	\$ 10,000	\$ -	\$ 10,000
Operations Exp Supplies and Materials - Emerg.	\$ 10,000	\$ -	\$ 10,000
Operations Exp Supplies and Materials - Conserve	\$ 1,500		\$ 1,500
Operations Exp Outsource Repairs - Sewer	\$ 40,000	\$ 4,500	\$ 25,000
Operations Exp Outsource Repairs - Water	\$ 20,000	\$ 4,000	\$ 10,000
Operations Exp Personal Protection	\$ 25,000	\$ 1,000	\$ 10,000
Operations Exp Small Equipment	\$ 25,000	\$ -	\$ 20,000
Operations Exp Small Equipment - Fleet/Facilities	\$ -	\$ 2,500	\$ 5,000
Operations Exp SCADA Maintenance	\$ 50,000	\$ 12,000	\$ 40,000
Operations Exp SCADA Projects	\$ 75,000	\$ 5,000	\$ 30,000
Total Operations Related	\$ 1,262,000	\$ 753,800	\$ 1,077,500

The 2023 operations related budget has a total decrease of **18%**.

Miscellaneous Equipment (decreased **22.6%**):

- The 2024 budget includes a decrease primarily related to a decrease in forecasted emergency repair needs and associated costs.

Engineering Expenses (decreased **95%**):

- This decrease is associated with no forecasted developer extension peer reviews (\$50k decrease).

Operations Expense (decreased **14.6%**):

- Consumable parts needed for job completions are decreasing given forecasted actual usage for 2023. Additional decreases are tied to moving SCADA costs to the capital budget and a reduction in outsourced repair costs.

FLEET AND FACILITIES EXPENSES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Fleet Diesel Fuel	\$ 138,000	\$ 95,000	\$ 100,000
Fleet, Other Fuel	\$ 3,000	\$ 6,500	\$ 7,500
Fleet, Unleaded Fuel	\$ 200,000	\$ 135,000	\$ 140,000
Fleet, Outsource Repairs	\$ 30,000	\$ 10,000	\$ 20,000
Fleet Parts and Oil	\$ 170,000	\$ 140,000	\$ 150,000
Fleet Tires	\$ 35,000	\$ 15,000	\$ 30,000
Fleet Shop Supplies	\$ 20,000	\$ 9,000	\$ 20,000
Fleet Tools Modus All Data	\$ 10,000	\$ 13,000	\$ 15,000
Fleet Tools New	\$ 10,000	\$ 5,000	\$ 10,000
Fleet GPS Tracking	\$ 25,000	\$ 15,000	\$ 15,000
Total Fleet Related	\$ 641,000	\$ 443,500	\$ 507,500
Facilities Maintenance, Grounds: Minor Additions	\$ 10,000	\$ 200	\$ 5,000
Facilities Maintenance, Grounds: General	\$ 15,000	\$ 14,000	\$ 15,000
Facilities Maintenance, Structures: Minor Additions	\$ 5,000	\$ 50	\$ 5,000
Facilities Maintenance, Structures: Contracts	\$ 50,000	\$ 74,000	\$ 50,000
Facilities Maintenance, Structures: General	\$ 39,000	\$ 39,000	\$ 42,000
Facilities Maintenance, Structures: Fleet/Fac.	\$ 30,000	\$ 10,000	\$ 20,000
Facilities Maintenance, Structures: Repairs	\$ 30,000	\$ 42,000	\$ 35,000
Facilities Maintenance, Structures: Supplies	\$ 7,000	\$ 1,000	\$ 7,000
Total Facilities Related	\$ 196,000	\$ 180,250	\$ 179,000

Fleet and Facilities Maintenance budget as proposed represents an **18%** decrease. This decrease is primarily the result of a reduction in fleet costs anchored by decreased gasoline and diesel costs (Fleet decreased **20.8%**), along with a reduction in costs for facilities maintenance (decreased **8.7%**).

UTILITIES AND INSURANCE:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Utilities: Field Operations-Electricity Outside of Office	\$ 60,000	\$ 62,000	\$ 65,000
Utilities: HQ-PSE Only, Power & Gas	\$ 50,000	\$ 48,000	\$ 50,000
Utilities: Communications, Phone & Radio	\$ 10,000	\$ 46,000	\$ 50,000
Utilities: Communications, Phone & Radio	\$ 99,100	\$ 84,000	\$ 113,130
Utilities: Garbage & Cable (Not PSE)	\$ 14,000	\$ 14,000	\$ 15,000
Insurance: WCIA Premium	\$ 527,017	\$ 527,017	\$ 698,479
Insurance: Damages Not Covered by Insurance	\$ 10,000	\$ -	\$ 10,000
Total Utilities & Insurance	\$ 770,117	\$ 781,017	\$ 1,001,609

Utilities and Insurance (increased 30.1%):

- Most of the increase is tied to an increase in both WCIA premiums and increases in communication, phone and radio utility costs.
- WCIA insurance costs make up the bulk of this increase of over \$171 thousand (32.5%).

COMPUTER EXPENSES:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Computer Expenses: Consultation Services	\$ 95,000	\$ 25,000	\$ 94,300
Computer Expenses: Expendables & Parts	\$ 48,000	\$ 45,000	\$ 71,100
Computer Expenses: Maintenance & Support	\$ 222,000	\$ 200,000	\$ 259,526
Computer Expenses: Software Licenses	\$ 49,300	\$ 12,000	\$ 25,300
Computer Expenses: Software Subscription Services	\$ 206,760	\$ 250,000	\$ 183,152
Total Computer Related	\$ 621,060	\$ 532,000	\$ 633,378

The budget for Computer Expenses increased by 2.0% for 2024. This adjustment to costs is well under the 4.6% annual CPI increase for the Seattle region.

INTEREST, TAXES, KIRKLAND FRANCHISE FEES AND RWA COSTS:

Account Description	2023 Adopted Budget	2023 Est. Actual	2024 Proposed Budget
Interest Expense: PWTF Loan-2004	\$ 800	\$ 400	\$ 375
Interest Expense: PWTF Loan-2005	\$ 1,000	\$ 600	\$ 550
Interest Expense: PWTF Loan-2011	\$ 4,000	\$ 3,500	\$ 3,400
Total Interest	\$ 5,800	\$ 4,500	\$ 4,325
Taxes Wa State Excise Tax Sewer	\$ 278,460	\$ 290,593	\$ 322,875
Taxes Wa State Excise Tax Water	\$ 808,920	\$ 816,780	\$ 856,000
Taxes: WA State Property Taxes	\$ 18,000	\$ 20,500	\$ 22,000
Total Taxes	\$ 1,105,380	\$ 1,127,873	\$ 1,200,875
Kirkland Franchise Fee: Kirkland Customers Only	\$ 3,066,632	\$ 3,066,632	\$ 3,207,697
Everett RWA Costs (C592)	\$ 2,000	\$ 1,000	\$ 2,000

PWTF Interest Expense (decreased 25.4%):

- These budgets come directly from the District's loan amortization schedules for these loans and will annually go down compared to the previous year's figures.

Taxes (increased 8.6%):

- Excise taxes are budgeted based on a calculation using a percentage of water and sewer revenues.
- While the District may recommend an increase in sewer and water rates this year, the amount is not yet known pending completion of the rate study.
- The estimated actuals are projected to come in higher than budgeted as the result of rate adjustments in 2023 implemented after the budget was adopted.

Kirkland Franchise Fee (increased 4.6%):

- This budget was increased by the change in CPI-U index of 4.6% from 2023 actual figures per the in-place Kirkland Franchise Agreement requirements.

CAPITAL BUDGET OVERVIEW:

Beginning with the 2024 Budget, the District is implementing new capital project sheets to add a significant expansion in transparency for these projects that have considerable District costs. These new sheets include a project description, location, status, lead agency (including other City projects impacting District facilities), and actual/estimated timelines for various project deliverables. Additionally, these sheets include the previous budget figures, additional budget requests, total project budget, actual expenditures, and forecasted expenditures for the projects and project sub-components (such as design, permitting, construction, inspection, and contingency). Staff plan to utilize these sheets each time a project is brought forward for Board action, with the goal of adding enhanced clarity to each project for the entire project life cycle.

ENGINEERING CAPITAL BUDGET REQUEST

Engineering is requesting additional CIP budget of just over \$7 million covering numerous projects. If this budget is approved, there will be 33 active District engineering projects with a total of \$55.7 million budgeted (Appendix A). Of this total budgeted amount, \$10.7 million has been expended leaving unspent budget of \$45.0 million. 11 completed or closed out projects, along with 25 future projects that are unbudgeted at this time, are included in separate schedules in Appendix A as well.

Appendix C contains the noted CIP sheets.

M&O CAPITAL BUDGET REQUEST

M&O is proposing to spend \$2.3 million on capital assets during 2024. Of this amount, \$1.2 million on roll-over projects was budgeted in prior years, leaving a capital budget request of \$1.1 million for 2024 (Appendix B).

These budgeted figures include fleet, facilities and SCADA items as well (Appendix D contains the noted CIP sheets).

IT AND FINANCE CAPITAL BUDGET REQUEST

IT is proposing \$194k for its 2024 capital budget. This consists of \$63k in budgeted items from previous years being rolled over to 2024, leaving a budget request of \$131k for 2024 (Appendix B).

Finance is not requesting anything for its capital budget in 2024 (Appendix D contains the noted CIP sheets).

Appendix A: Engineering CIP Active Projects

No.	Name	Number	Start Year	2023 Approved Budget	Proposed 2024 Budget	Proposed Total	Expend. Thru 11/20/23	Project Type	Status
12	120/84 WMR - Phase II	C2305	2023	\$0	\$2,400,000	\$2,400,000	\$0	Water Main RR&E	Planning
13	Lakewood Villa Improvements Project	C0948	Pre-2013	\$180,000	\$75,000	\$255,000	\$13,591	Water Main RR&E	Design
14	83rd Ave NE Storm Drain Improvements - Kirkland	C2302	2023	\$200,000	\$25,000	\$225,000	\$0	Other Agency (ILA)	Design
15	Wastewater System Comp Plan Update	C2211	2022	\$345,000	\$0	\$345,000	\$123,034	Planning Level	Planning
16	190/61 Culvert Repl - Kenmore	C1816	2018	\$450,000	\$0	\$450,000	\$53,623	Other Agency (ILA)	Construction
17	Goat Hill Storm Drainage Improvements	C2208	2022	\$500,000	\$0	\$500,000	\$0	Other Agency (ILA)	Design
18	124th Ave NE Improvements - City of Kirkland	C2101	2021	\$625,000	\$0	\$625,000	\$100,584	Other Agency (ILA)	Design
19	185/66 Water Main Replacement	C2205	2022	\$1,500,000	\$1,100,000	\$2,600,000	\$154,732	Water Main RR&E	Design
20	100th Ave NE Improvements - Kirkland	C1611	2016	\$1,600,000	\$0	\$1,600,000	\$214,806	Other Agency (ILA)	Construction
21	WMR Project 21-3 - Small diam/high pressure	C2106	2021	\$2,000,000	\$525,000	\$2,525,000	\$81,931	Water Main RR&E	Design
22	152/105 Water Main Replacement	C2207	2022	\$2,250,000	\$0	\$2,250,000	\$0	Water Main RR&E	Planning
23	TLSSI - Emergency Lift Station Project	C2209	2022	\$3,000,000	\$0	\$3,000,000	\$76,677	Totem Lake Regional	Design
24	451 Pressure Zone Modifications	C0928	Pre-2013	\$3,500,000	\$1,250,000	\$4,750,000	\$411,713	Facilities	Design
25	Juanita Dr. Improvements - City of Kirkland	C2001	2020	\$3,500,000	\$0	\$3,500,000	\$234,856	Other Agency (ILA)	Design
26	WSDOT 132/1-405 Interchange	C1717	2017	\$3,500,000	\$205,000	\$3,705,000	\$1,061,455	Other Agency (ILA)	Construction
27	HPD Water Main Replacement - Phase 1	C1520	2015	\$3,800,000	\$0	\$3,800,000	\$342,860	Water Main RR&E	Design
28	Bldg "A" Remodel & Security Improvements	C1813	2018	\$5,325,000	\$175,000	\$5,500,000	\$3,270,093	Facilities	Construction
29	TLSSI - Hollywood LS Bypass Project	C2308	2023	\$6,000,000	\$0	\$6,000,000	\$0	Totem Lake Regional	Planning
30	DNR Easement Research	C2202	2022	\$10,000	\$0	\$10,000	\$0	Administrative	
31	165/76 Sewer ULLD	C2203	2022	\$10,000	\$0	\$10,000	\$4,598	Sewer Main RR&E	Future
32	HQ Site - Stormwater Flooding Abatement	C1823	2018	\$25,000	\$0	\$25,000	\$8,379	Facilities	Future
33	Future CIPP Rehab Project	C2206	2022	\$50,000	\$0	\$50,000	\$0	Sewer Main RR&E	Planning
34	Cross Kirkland Corridor Ped Bridge	C1629	2016	\$50,000	\$0	\$50,000	\$15,547	Other Agency (M&O)	Warranty
35	WMR Project 21-2 - Trenchless study	C2104	2021	\$50,000	\$0	\$50,000	\$15,830	Water Main RR&E	Planning
36	124/116 Kirkland Roadway Improvements	C1921	2019	\$275,000	\$0	\$275,000	\$235,776	Other Agency (ILA)	Close-Out
37	NE 137th Pl/Juanita Creek Box Culvert - Kirkland	C1705	2017	\$300,000	\$0	\$300,000	\$0	Other Agency (ILA)	Future
38	WSDOT Cat Whisker Creek Fish Passage	C2105	2021	\$500,000	\$0	\$500,000	\$0	Other Agency (ILA)	Future

Appendix A: Engineering CIP Active Projects

No.	Name	Number	Start Year	2023 Approved Budget	Proposed 2024 Budget	Proposed Total	Expend. Thru 11/20/23	Project Type	Status
39	120/84 Water Main Replacement	C2213	2022	\$500,000	\$0	\$500,000	\$436,141	Water Main RR&E	Construction
40	Grinder Station Replacement Project	C2003	2020	\$950,000	\$275,000	\$1,225,000	\$1,015,980	Facilities	Construction
41	161/71 WM Replacement Project	C1522	2015	\$1,000,000	\$0	\$1,000,000	\$41,339	Water Main RR&E	Future
42	WMR Project 21-1 - Woodland Cove / 130/66	C1817	2018	\$1,250,000	\$0	\$1,250,000	\$1,175,701	Water Main RR&E	Construction
43	Sewer Repair Project	C2102	2021	\$1,325,000	\$102,000	\$1,427,000	\$1,430,060	Sewer Main RR&E	Construction
44	Inglemoor Standpipe Improvements	C1808	2018	\$3,775,000	\$0	\$3,775,000	\$132,258	Facilities	Future
45	Sewer Budget Contingency	N/A	Misc.	\$600,000	\$486,000	\$600,000		Administrative	
46	Water Budget Contingency	N/A	Misc.	\$600,000	\$411,000	\$600,000		Administrative	
				\$60,957,000	\$7,029,000	\$55,677,000	\$10,651,562		

Substantial Spending in 2024	
No Highlight = Minimal to Zero Spending in 2024	

Appendix A: Engineering CIP Completed and Closed Projects

No.	Name	Number	Start Year	Prev. Budget	Adopted For 2021 Budget	Adopted For 2022 Budget	Adopted For 2023 Budget	Approved Budget	Expend. Thru 11/20/23	Status	Owner	Budget Notes
1	68th Ave Ped/Bike Impvmt - Kenmore	C1811	2018	\$3,200,000	\$300,000	\$0	\$0	\$3,500,000	\$3,307,630	Complete	City of Kenmore	PROJECT COMPLETED IN 2022
2	165/81 WM Replacement Project	C1521	2015	\$1,775,000	\$0	\$1,000,000	\$0	\$2,775,000	\$2,309,747	Warranty	NLD	PROJECT COMPLETED IN 2022
3	Slough/68 City Bridge - Water Main	C1805	2018	\$1,600,000	\$0	\$150,000	\$0	\$1,750,000	\$1,353,789	Complete	City of Kenmore	PROJECT COMPLETED IN 2022
4	Juanita Dr. Improvements - City of Kenmore	C1804	2018	\$1,150,000	\$0	\$250,000	\$22,000	\$1,422,000	\$1,420,423	Warranty	City of Kenmore	\$22K transferred from sewer & water contingency for close-out (\$11K each)
5	SR 522 Stage 3 - City of Bothell	C1506	2015	\$750,000	\$50,000	\$235,000	\$0	\$1,035,000	\$1,041,393	Complete	City of Bothell	PROJECT COMPLETED IN 2022
6	Pvt Water Svc Line - Project #76	C1922	2019	\$200,000	\$230,000	\$0	\$0	\$430,000	\$385,587	Warranty	NLD	PROJECT COMPLETED IN 2022
7	Shake Alert Implementation	C1906	2019	\$75,000	\$0	\$0	\$0	\$75,000	\$69,188	Complete	NLD	M&O PROJECT COMPLETED IN 2022
8	117/124 Sewer Service Investigation	C1802	2018	\$100,000	\$0	\$0	\$0	\$100,000	\$0	Future	NLD	No funds expended on this project. Close out and transfer funds to other projects
9	1405 Brickyard to SR 527 Improvement Project	C1925	2019	\$100,000	\$0	\$0	\$0	\$100,000	\$0	Future	WSDOT	No funds expended on this project. Close out and transfer funds to other projects
10	Building A Fire System Upgrade	C2204	2022				\$100,000	\$100,000	\$0	Construction	NLD	Roll budget into C1813 - Building A remodel project and cancel project
11	142 / 77 Kirkland Storm Improvements	C2006	2020		\$125,000	\$0	\$0	\$125,000	\$0	Complete	City of Kirkland	Project complete. No money spent. Transfer to other project.
				\$8,950,000	\$705,000	\$1,635,000	\$122,000	\$11,412,000	\$9,887,756			

Project Completed
Closed Out Projects

Appendix A: Engineering Capital Improvement Projects - FUTURE (NON-BUDGETED)

No.	Name	Project #	Start Year	Prop 2024 Budget	Proposed Total	Project Type	Status	Contract Year	Owner
1	Lift Station No. 4 Rehab	C2306	2023	\$0	\$0	Facilities	Future	2025	NUD
2	144/88 Water Main Replacement	TBD	TBD	\$0	\$0	Water Main RR&E	Future	2025	NUD
3	HPD Water Main Replacement - Phase 2	TBD	TBD	\$0	\$0	Water Main RR&E	Future	2025	NUD
4	HPD Water Main Replacement - Phase 3	TBD	TBD	\$0	\$0	Water Main RR&E	Future	2026	NUD
5	Westhill Standpipe Recooling	TBD	TBD	\$0	\$0	Facilities	Future	2026	NUD
6	135/78 Water Main Replacement	TBD	TBD	\$0	\$0	Water Main RR&E	Future	2026	NUD
7	Inglenoor R1-R3 Exterior Recooling	TBD	TBD	\$0	\$0	Facilities	Future	2027	NUD
8	Site 13 Rehab	TBD	TBD	\$0	\$0	Water Main RR&E	Future	TBD	NUD
9	NE 170th St. Bridge Water Main Replacement	TBD	TBD	\$0	\$0	Water Main RR&E	Future	TBD	NUD
10	Slough/84 Inglenoor Transmission Main Restraint & WM	C1907	2019	\$0	\$0	Water Main RR&E	Future	TBD	NUD
11	Kingsgate Standpipe Recooling	TBD	TBD	\$0	\$0	Facilities	Future	TBD	NUD
12	Kirkland HPD PH2 Surface Storm Imprvs	C2212	2022	\$0	\$0	Other Agency (M&O)	Design	2024	City of Kirkland
13	Slater Ave / CXC Trail Crossing	C2210	2022	\$0	\$0	Other Agency (ILA)	Design	2024	City of Kirkland
14	141/111 Culvert Repl. Phase II	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	TBD	City of Kirkland
15	NE 170th St Interim Sidewalk	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2024	City of Kenmore
16	80th Ave NE sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
17	NE 192nd St Sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
18	NE 181st St Sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
19	61st Ave NE Sidewalk Repl. - Phase 2 - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
20	73rd Ave NE Sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
21	61st Ave NE Sidewalk Repl. - Phase 1 - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
22	SR 522 West 'B' - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2025	City of Kenmore
23	Arrowhead Dr. Sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2026	City of Kenmore
24	Lower Swamp Creek Bridge - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	2026	City of Kenmore
25	84th Ave NE Sidewalks - Kenmore	TBD	TBD	\$0	\$0	Other Agency (ILA)	Future	TBD	City of Kenmore

The 25 future projects listed above currently have not been fully scoped in order to determine the budget requirements for each. The list includes 11 NUD projects, 11 City of Kenmore projects and 3 City of Kirkland projects.

Appendix B

Ops and IT CIP Summary

> Carryover Request			
Line Item Detail	2024 Spending Request	Previously Approved Budget (2023)	Notes
Fleet			
Passenger Vehicle (Replace 1999 Lumina)	\$ 40,000	\$ 60,000	Truck 62
Ford Escape (Replace 2003 Chevy Trailblazer)	\$ 42,000	\$ 50,000	Truck 72 (BOC approved replacement ordered)
Ford Ranger (Replace 2008 Chevy Colorado)	\$ 45,000	\$ 45,000	Truck 80
Ford Ranger (Replace 2012 Chevy Colorado)	\$ 45,000	\$ 50,000	Truck 95
Ford Lightning Electric Truck (Replace 2012 Ford Transit Connect)	\$ 61,000	\$ 61,000	Truck 90 (BOC approved replacement ordered)
Boat Motors (replacements)	\$ 30,000	\$ 30,000	
Boat Pontoon (addt'l)	\$ 15,000	\$ 15,000	Third Pontoon = increased capacity
Ford Transit Connect (Replace 2010 GMC Canyon)	\$ 37,000	\$ 37,000	Truck 89
Mercedes Sprinter or Ford Transit (Replace 2003 Workhorse)	\$ 85,000		Truck 71
Mercedes Sprinter or Ford Transit (Replace 2004 Chevy Astrovan)	\$ 85,000		Truck 76
Ramjet 1500 Flush Truck (Replace 59)	\$ 475,000		Truck 59
Dump Truck (Replace 1997 GMC C8500)	\$ 285,000		Truck 56
Hot Box	\$ 90,000	\$ 260,000	
Total Fleet	\$ 1,335,000	\$ 608,000	\$727k added for 2024 Request
SCADA			
Telemetry Radio Upgrade Project	\$ 375,000	\$ 50,000	
Wireless Modems and Antenna for Water Sites	\$ 37,000	\$ 20,000	
SCADA PLC Replacements	\$ 85,000	\$ 65,000	
Lift Station 1 Bubbler Upgrade	\$ 25,000	\$ 15,000	
SCADA Hardware Upgrade	\$ 56,000	\$ 56,000	BOC Approved
SCADA - Contingency	\$ 30,000	\$ 30,000	
Total SCADA	\$ 608,000	\$ 236,000	\$392k added for 2024 Request
Facilities			
Camera Purchase/Access Control	\$ 20,000	\$ 20,000	Potential additional needs
Exercise Equipment	\$ 5,000	\$ 5,000	
Art (interior and exterior)	\$ 60,000	\$ 60,000	
Electric Vehicle Charging Station	\$ 30,000	\$ 30,000	
HQ Parking lot Security Upgrades	\$ 100,000	\$ 100,000	
Total Facilities	\$ 215,000	\$ 215,000	\$0k added for 2024 Request
Operations Equipment			
GPR Locator (replacement)	\$ 37,500	\$ 30,000	
Sewer Camera Replacement	\$ 35,000	\$ 40,000	
Shoring Box	\$ 20,000	\$ 20,000	Safety
Sewer Cleaning Nozzles	\$ 15,000	\$ 10,000	
Sewer Bypass Hose and Fittings	\$ 25,000	\$ 25,000	
Water Quality Equipment - Replacement	\$ 10,000	\$ 10,000	
Water Meter Reading Equipment - Replacement	\$ 20,000	\$ 15,000	
Total Operations Equipment	\$ 162,500	\$ 150,000	\$12.5k added for 2024 Request
IT			
Uninterruptable Power Supply (UPS) Batteries	\$ 16,000		
Check Scanning Hardware	\$ 5,000		
Dark Fiber - HQ to Inglesmoor	\$ 40,000		
Replace SCADA Servers - Outsourced Labor	\$ 25,000		
Replacement Backup Appliance	\$ 45,000	\$ 30,000	
SCADA Network Separation Hardware	\$ 45,000	\$ 15,000	
Security Changes from Risk Assessment	\$ 18,000	\$ 18,000	
	\$ 194,000	\$ 63,000	\$131k added for 2024 Request
\$			
Total Operations, Fleet, Information technology, and Finance (none)	\$ 2,514,500	\$ 1,272,000	\$588.5k added for 2024 Request (total \$1,926,000 in 2023)

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CIP PROJECT BUDGET

Project Name:	451 Pressure Zone Improvements		
Project Type	Facility		
Lead Agency	NUD		
Project No.	C0928		
Contract No.	TBD		
		Location	City of Bothell

PROJECT DESCRIPTION (see attached map)

Replacement of two PRV vaults at 112/Tolt with the replacement PRV's to be constructed inside a new above ground structure to be located on a parcel on the west side of 112th Ave NE purchased by the District; and the installation of a new control valve in NE 155th St. on the east side of I-405 to provide fireflow between the 451 and 466 zones which is currently separated by a normally closed valve.

PROJECT BUDGET

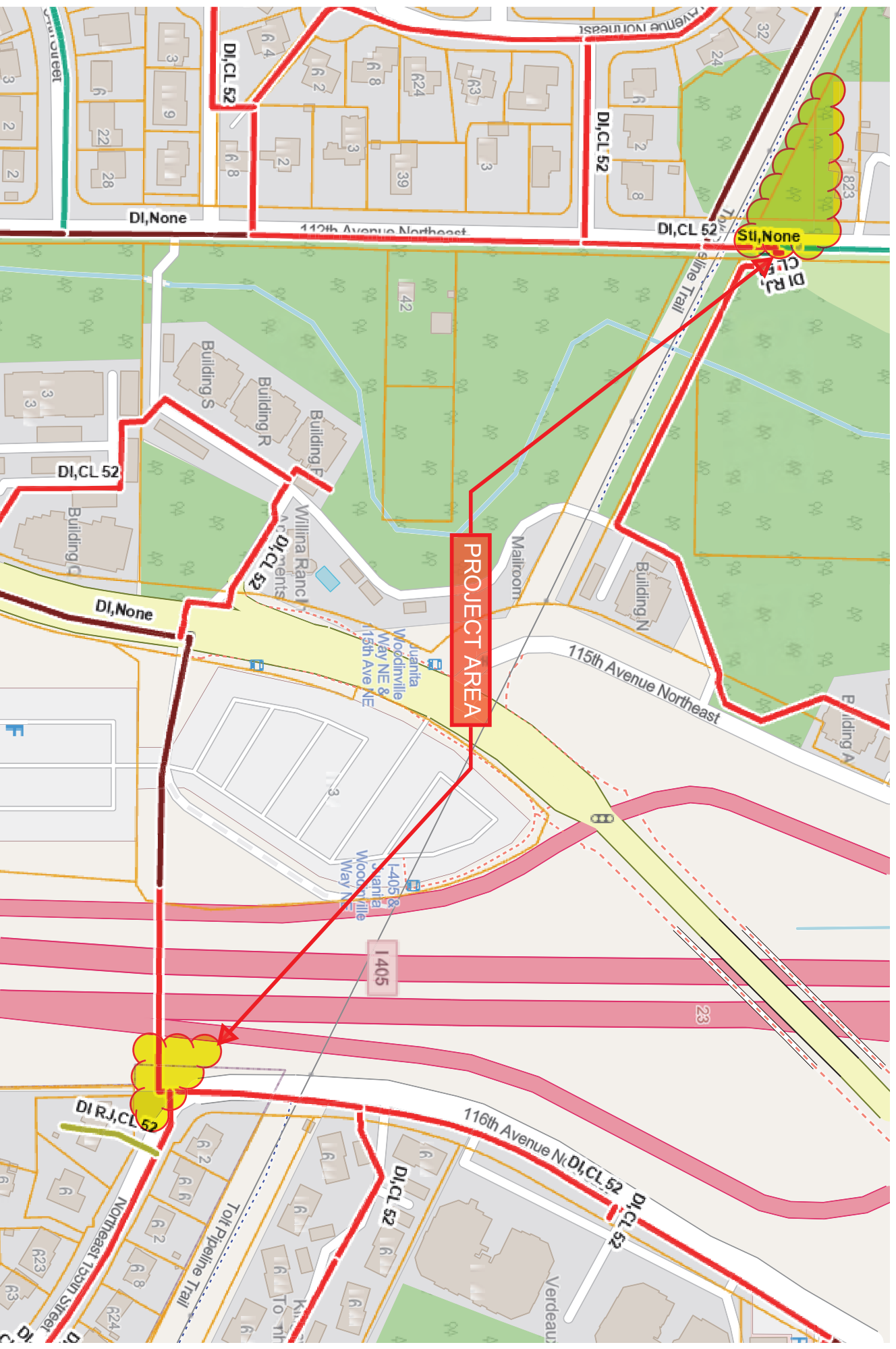
CIP Budget	Amount	Notes
Year		
Previous	\$3,500,000	
2024	\$1,250,000	Additional Funds Needed due to updated Engineer's Estimate
Total Budgeted	\$4,750,000	

10/25/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%	\$313,700	\$313,713	\$0	\$313,713	6.60% G&O
Permitting	\$0	0.00%	\$0	\$7,086	\$10,000	\$17,086	0.36% City of Bothell & City of Kirkland
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$3,430,000	\$3,430,000	72.21% Engineer's Estimate
Contingency	\$0	0.00%	\$0	\$0	\$514,500	\$514,500	10.83% 15% for Construction and SPU Coord
CM / Inspection	\$0	0.00%	\$0	\$0	\$343,000	\$343,000	7.22% Not typical construction project
Other	\$0	0.00%	\$0	\$97,991	\$10,000	\$107,991	2.27% Preliminary design; DJC, BXWA
Total	\$4,750,000	0.00%	\$313,700	\$418,790	\$4,307,500	\$4,726,290	99.50%

CONSTRUCTION CONTRACT TIMING

Bid Opening	3/27/2024	Estimated; Major issue for bid opening is SPU Coordination and permitting
Contract Award	4/1/2024	Estimated
NTP Date	5/19/2024	Estimated
End Construction	11/15/2024	Estimated 6 months construction duration



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Lakewood Villa Water Line Replacement		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C0948		
<i>Contract No.</i>	TBD		
		<i>Location</i>	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Design for a 4-inch meter vault, a saddle manhole in NE 175th St, and survey/design for side sewer lateral to serve Hope Assembly Church.

PROJECT BUDGET

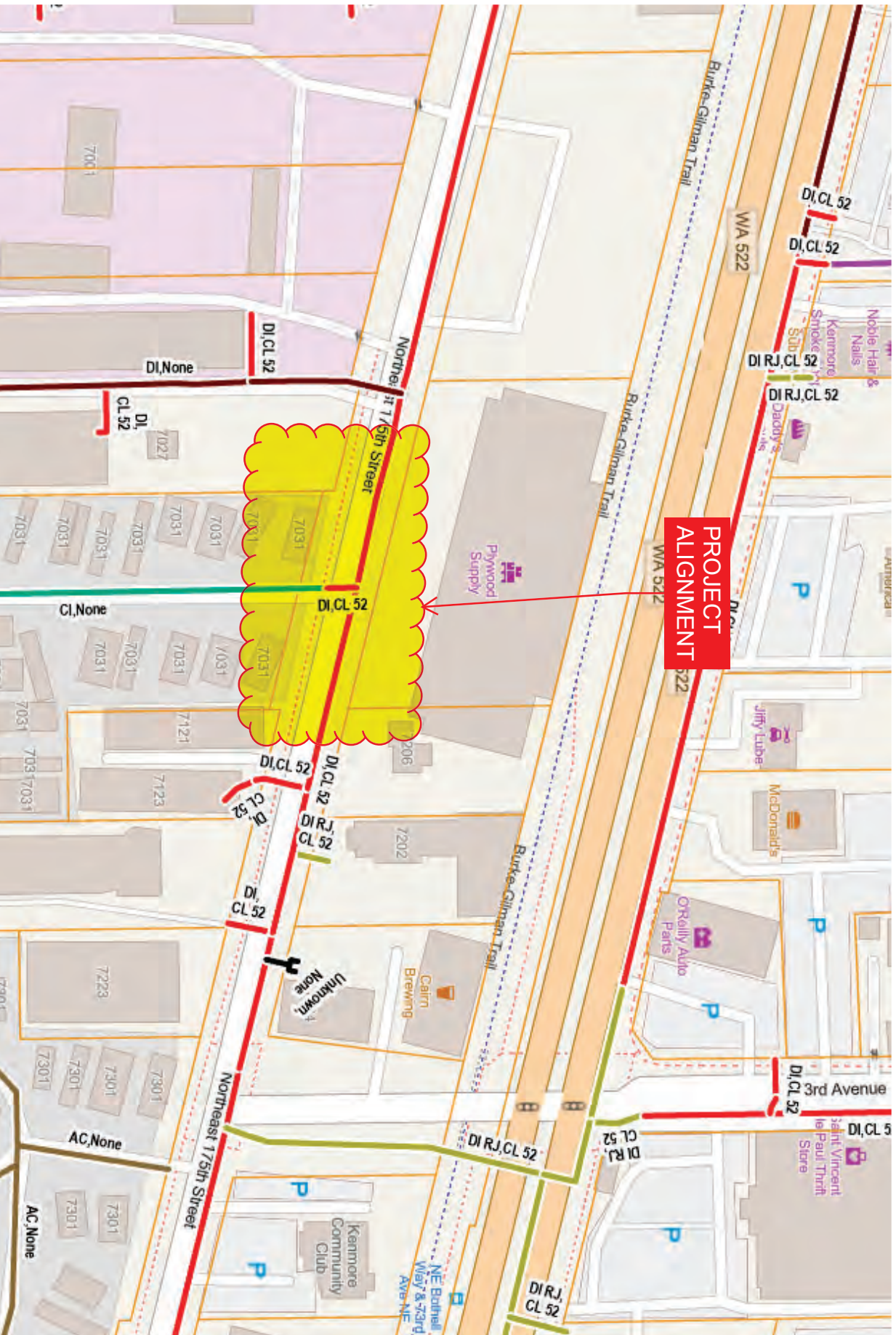
CIP Budget	Amount	Notes
Year		
Previous	\$180,000	
2024	\$75,000	Additional Funds Needed due to updated Engineer's Estimate
Total Budgeted	\$255,000	

11/7/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%	\$37,000	\$0	\$37,000	\$37,000	14.51% G&O
Permitting	\$0	0.00%	\$0	\$0	\$5,000	\$5,000	1.96% City of Kenmore
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00% N/A
Construction	\$0	0.00%	\$0	\$0	\$175,000	\$175,000	68.63% G&O Estimate
Contingency	\$0	0.00%	\$0	\$0	\$17,500	\$17,500	6.86% 10% of Construction Cost
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	TBD
Other	\$0	0.00%	\$0	\$13,591	\$2,500	\$16,091	6.31% Prev prelim design effort prior to 2020
Total	\$255,000	0.00%	\$37,000	\$13,591	\$237,000	\$250,591	98.27%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD	Estimated
Contract Award	TBD	Estimated
NTP Date	TBD	Estimated
End Construction	TBD	Estimated



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Holmes Pt. Dr Water Main Replacement		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C1520	<i>Location</i> City of Kirkland	
<i>Contract No.</i>	TBD		

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 5,700 lf of water main in Holmes Pt. Drive and Champagne Pt. due to high pressure and a mix of high-risk pipe materials (AC and PVC C200)	

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$3,800,000	Project started in 2015
2024	\$0	
Total Budgeted	\$3,800,000	

11/17/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$234,218	\$211,486	\$122,732	\$334,218	8.80%	Add'l design for major road closure req'd
Permitting	\$0	0.00%	\$0	\$1,484	\$98,516	\$100,000	2.63%	City of Kirkland
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$0	\$0	\$2,850,000	\$2,850,000	75.00%	
Contingency	\$0	0.00%	\$0	\$0	\$285,000	\$285,000	7.50%	10% of Construction costs
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	TBD, depending on work load
Other	\$0	0.00%	\$182,571	\$121,058	\$70,000	\$191,058	5.03%	Prelim design, Meter setters, misc.
Total	\$3,800,000	0.00%	\$416,789	\$334,029	\$3,426,248	\$3,760,276	98.95%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	5/15/2024	Estimated
Contract Award	5/20/2024	Estimated
NTP Date	6/17/2024	Estimated
End Construction	2/28/2025	Estimated



CIP PROJECT BUDGET

<i>Project Name:</i>	161/71 Water Main Replacement Project		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C1522		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Water main replacement project in the vicinity of NE 161st St. and 71st Ave NE. Includes approximately 220LF of 4", 1,080LF of 8", and 970LF of 12" water main replacement.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$1,000,000	
2024	\$0	
Total Budgeted	\$1,000,000	

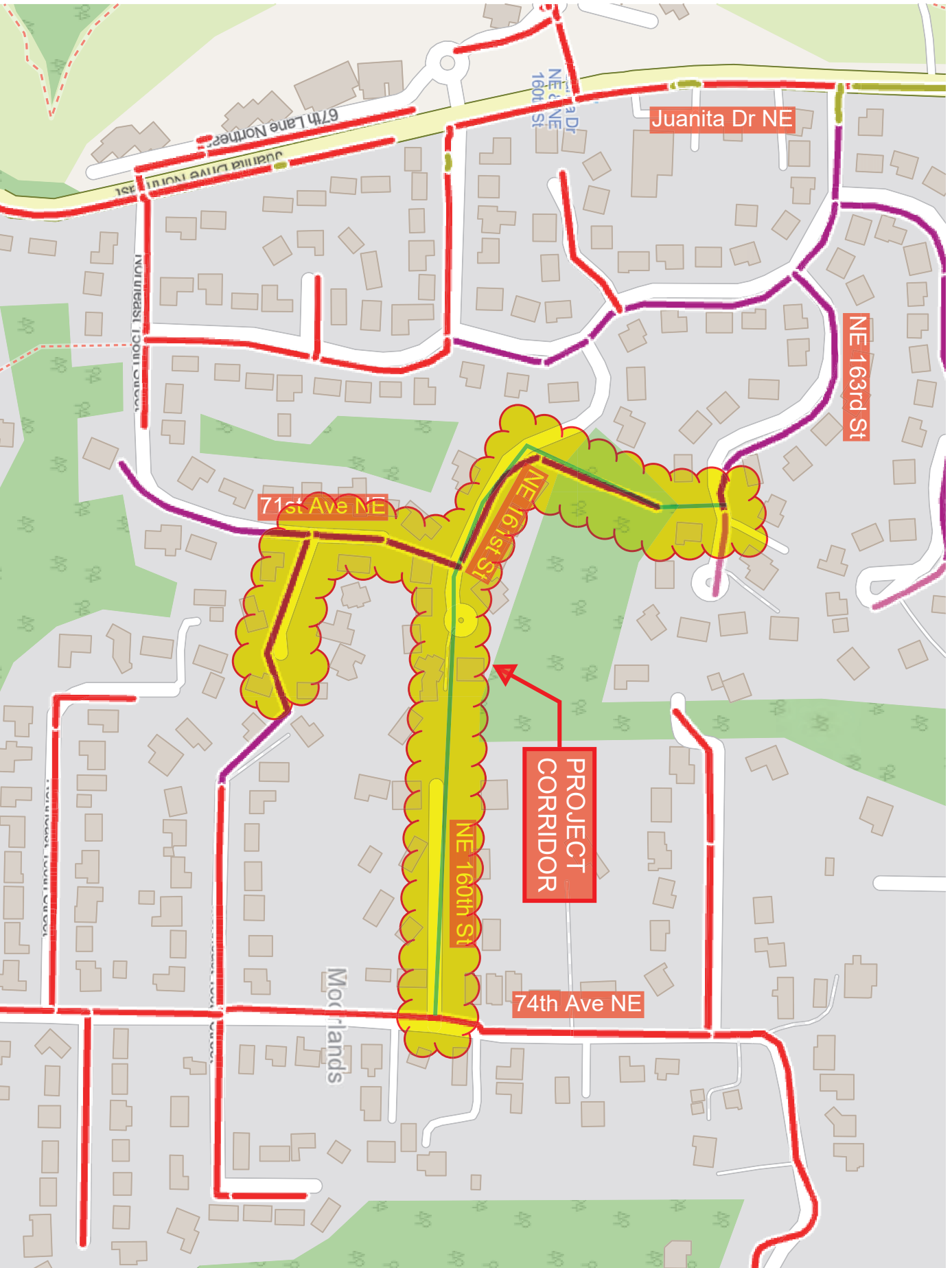
11/13/2023

Budget Breakdown		Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design	\$0	0.00%	\$0	\$42,836	\$0	\$42,836	4.28%
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$1,000,000	0.00%	\$0	\$42,836	\$0	\$42,836	4.28%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD

C1522 - 161/71 WATER MAIN REPLACEMENT PROJECT



CIP PROJECT BUDGET

Project Name:	100th Ave NE Improvements		
Project Type	Other Agency - ILA		
Lead Agency	City of Kirkland		
Project No.	C1611		
Contract No.	N/A	Location City of Kirkland	

PROJECT DESCRIPTION (see attached map)

The City of Kirkland's 100th Ave Improvements Project impacts the District's facilities and will require the relocation of approximately 1,025 lf of water main, 200 lf of sewer main, PRV Station rehabilitation and associated appurtenances. The project is located in 100th Ave NE, running from NE 139th St. to NE 145th St. The District's improvements will be constructed under the City's contract through the ILA process.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$1,600,000	
2024	\$0	
Total Budgeted	\$1,600,000	

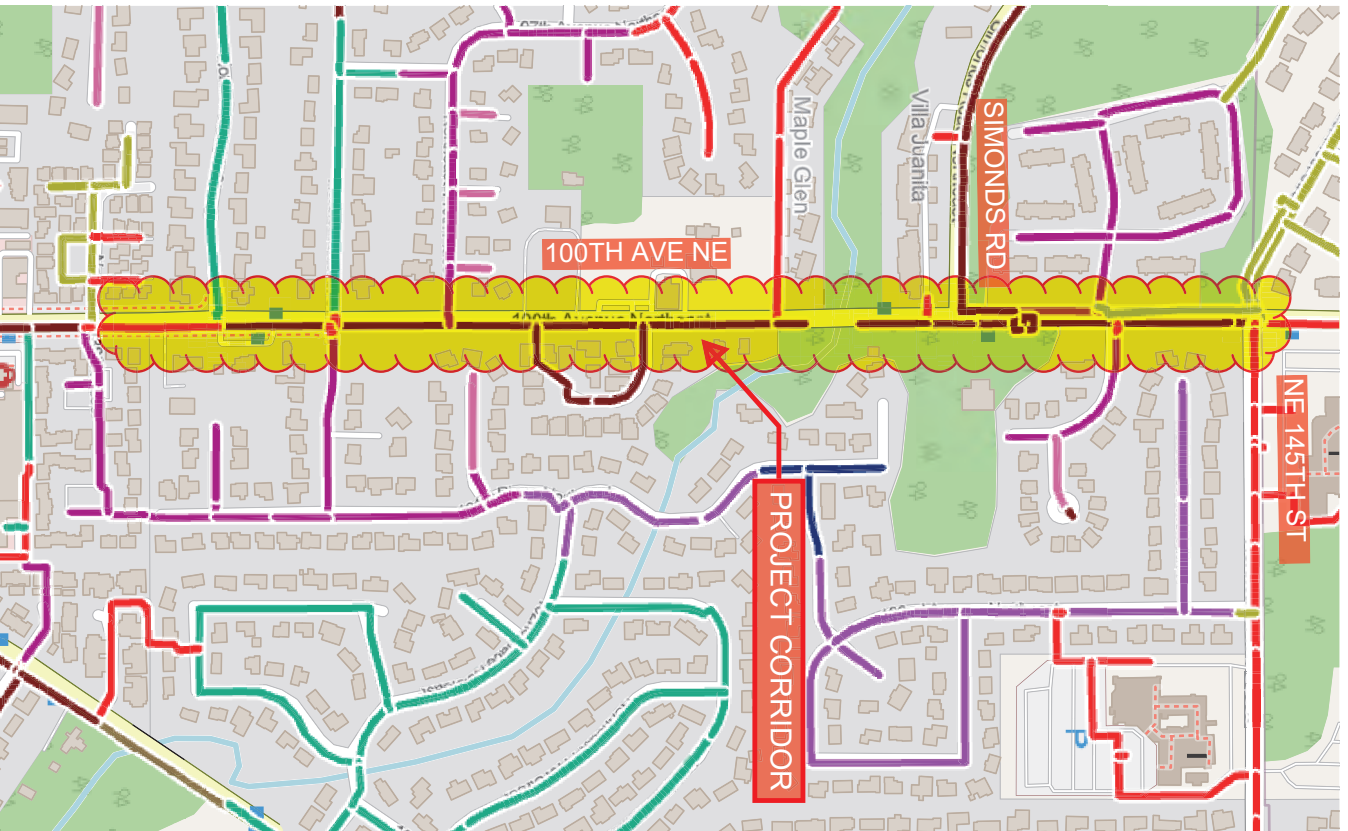
10/25/2023

Budget Breakdown		Expenditure Breakdown				% of Total	Notes
Purpose	Amount	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures		
Design	\$0	\$223,000	\$213,809	\$9,191	\$223,000	13.94%	HDR
Permitting	\$0	\$0	\$0	\$0	\$0	0.00%	
Easements	\$0	\$0	\$1,897	\$0	\$1,897	0.12%	DHA, easement
Construction	\$0	\$1,062,529	\$0	\$1,062,529	\$1,062,529	66.41%	OMA bid + estimated shared ILA costs
Contingency	\$0	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection	\$0	\$213,391	\$2,690	\$210,700	\$213,391	13.34%	KBA fee + estimated shared ILA costs
Other	\$0	\$0	\$0	\$0	\$0	0.00%	
Total	\$1,600,000	\$1,498,920	\$218,397	\$1,282,420	\$1,500,817	93.80%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	3/20/2023	Actual
Contract Award	4/4/2023	Actual
NTP Date	7/31/2023	Actual
End Construction	10/23/2024	Estimated

C1611 - CITY OF KIRKLAND 100TH AVE IMPROVEMENTS



CIP PROJECT BUDGET

<i>Project Name:</i>	Cross Kirkland Corridor Pedestrian Bridge		
<i>Project Type</i>	Other Agency - ILA		
<i>Lead Agency</i>	City of Kirkland		
<i>Project No.</i>	C1629		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

The City of Kirkland's Cross Kirkland Corridor Pedestrian Bridge impacted the District's existing sewer system within existing sewer easements. The District coordinated with Kirkland to create a Memorandum of Understanding (MOU) to relocate a portion of impacted sewer main as well as provide MH rehabilitation improvements to a MH encumbered by the bridge.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$50,000	
2024	\$0	
Total Budgeted	\$50,000	

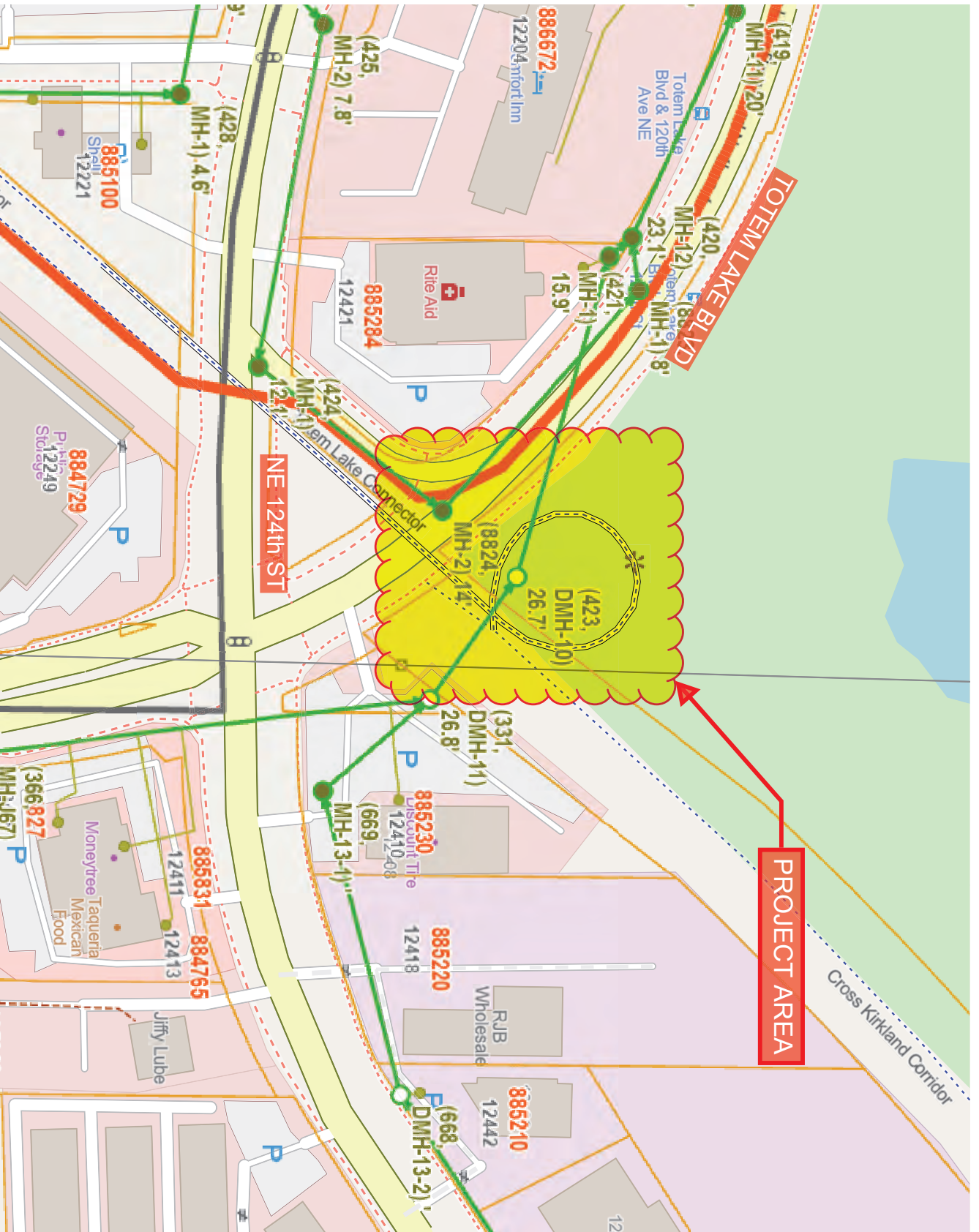
11/20/2023

Budget Breakdown		Expenditure Breakdown					% of Total	Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures		
Design	\$0	0.00%	\$0	\$15,167	\$0	\$15,167	30.33%	Dowl, DHA
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Other	\$0	0.00%	\$0	\$381	\$0	\$381	0.76%	City of Kirkland
Total	\$50,000	0.00%	\$0	\$15,547	\$0	\$15,547	31.09%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	9/30/2020
Contract Award	11/12/2020
NTP Date	4/1/2021
End Construction	7/8/2023

C1629 - CITY OF KIRKLAND CROSS KIRKLAND CORRIDOR PEDESTRIAN BRIDGE



CIP PROJECT BUDGET

<i>Project Name:</i>	NE 137th PI/Juanita Creek Box Culvert		
<i>Project Type</i>	Other Agency - ILA		
<i>Lead Agency</i>	City of Kirkland		
<i>Project No.</i>	C1705		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Replacement of water and sanitary sewer mains to avoid conflicts with the new box culvert across Juanita Creek on NE 137th St. Not currently on Kirkland's list of active projects.

PROJECT BUDGET

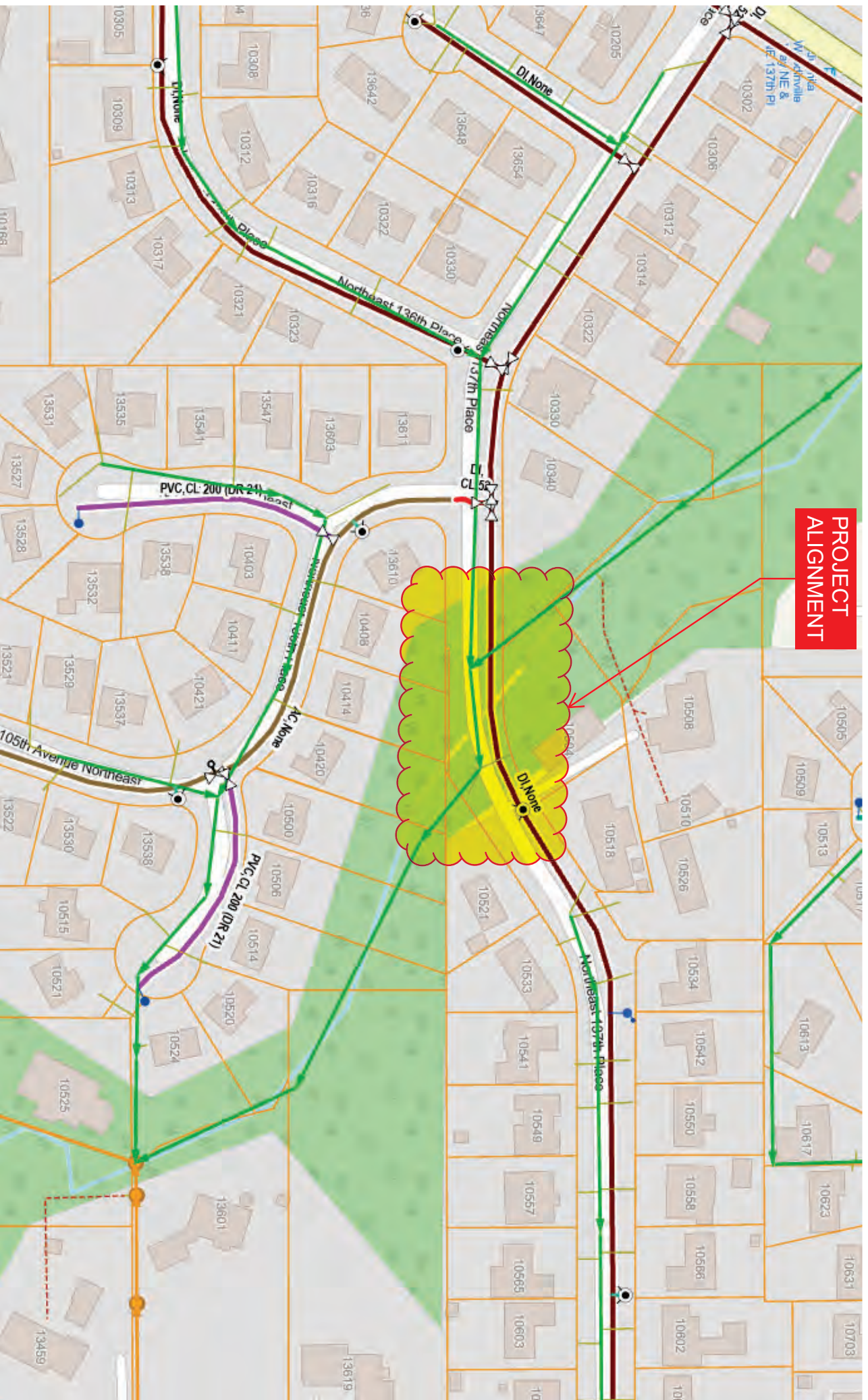
CIP Budget	Amount	Notes
Year		
Previous	\$300,000	
2024	\$0	
Total Budgeted	\$300,000	

No expenditures through 11/13/23

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$300,000	0.00%	\$0	\$0	\$0	\$0	0.00%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

Project Name:	1405/132 Interchange Improvements		
Project Type	Other Agency - ILA		
Lead Agency	WSDOT		
Project No.	C1717		
Contract No.	N/A		
		Location	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 1,700LF of sanitary sewer main and 2,100LF of water main in the vicinity of the I-405 and NE 132nd St. interchange to accommodate the installation of three new stream culvert and two roundabouts for the NB On-Ramp and SB Off-Ramp.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$3,500,000	Project started in 2017
2024	\$205,000	Additional Funds Needed; WSDOT may not request reimbursement from the District for certain work
Total Budgeted	\$3,705,000	

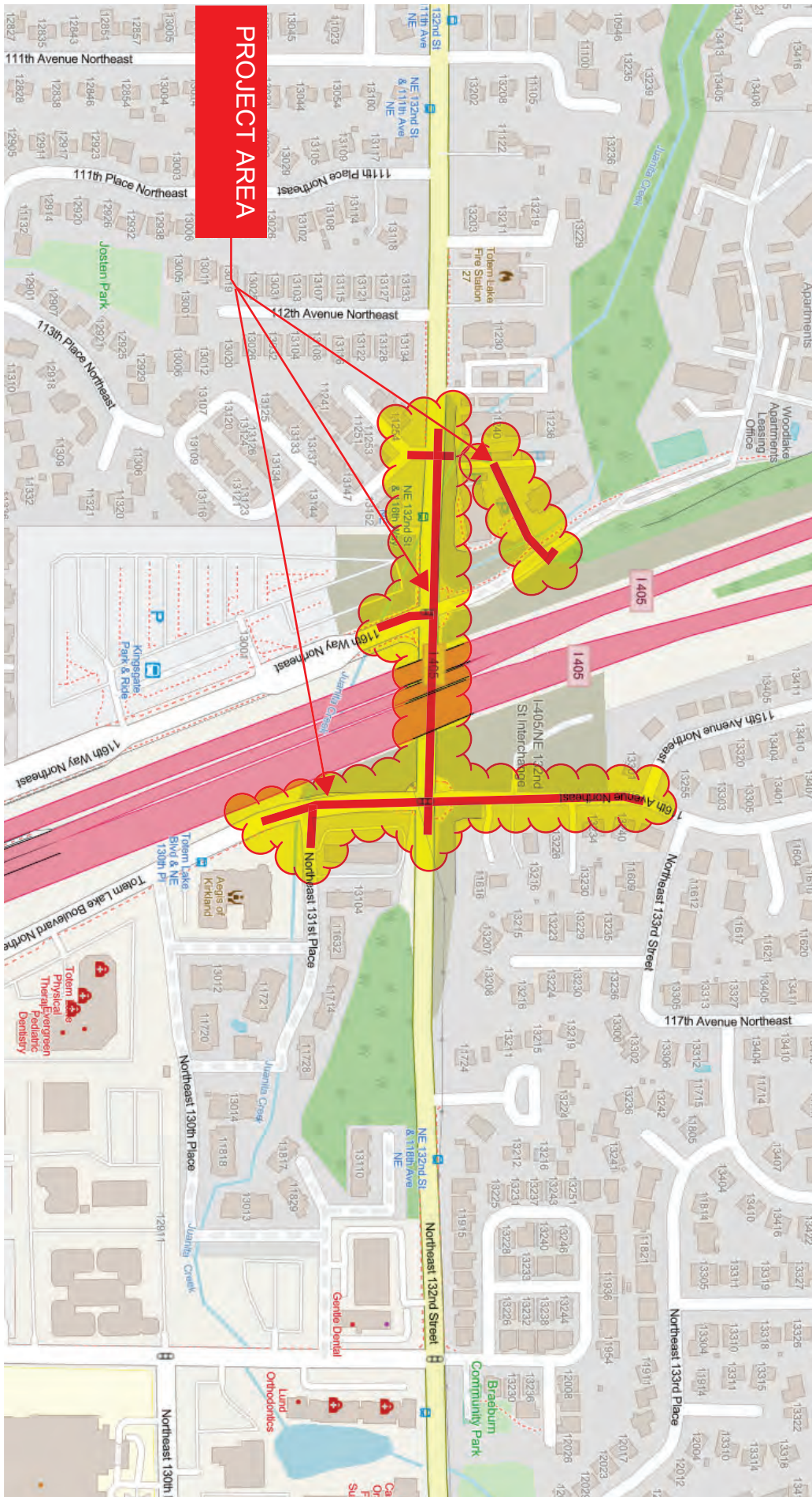
11/17/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$146,482	\$146,482	\$0	\$146,482	3.95%	Prelim Design (G&O)
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	N/A
Easements	\$0	0.00%	\$0	\$25,750	\$0	\$25,750	0.70%	Woodlake Apts. VM Easement
Construction	\$0	0.00%	\$3,295,262	\$751,238	\$2,594,024	\$3,345,262	90.29%	WSDOT Contract Bid Amount
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection	\$0	0.00%	\$146,796	\$128,679	\$43,000	\$171,679	4.63%	G&O and KBA
Other	\$0	0.00%		\$3,854	\$10,000	\$13,854	0.37%	Legal Fees
Total	\$3,705,000	0.00%	\$3,588,540	\$1,056,003	\$2,647,024	\$3,703,027	99.95%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	12/7/2020	Actual
Contract Award	7/29/2021	Actual
NTP Date	11/1/2022	Actual
End Construction	6/30/2024	Estimated

C1717 -WSDOT 1405/132 INTERCHANGE IMPROVEMENTS



CIP PROJECT BUDGET

Project Name: **Inglemoor Standpipe Improvements**Project Type **Facility**Lead Agency **NUD**Project No. **C1808**Contract No. **TBD**Location **City of Kenmore**

PROJECT DESCRIPTION (see attached map)

The work consists of improvements to the District's 3.0 MG Inglemoor Standpipe, a steel structure approx. 112-feet high and 70 feet in diameter, including replacement of the interior and exterior coating systems, including containment of the blast materials, installation of new steel plate covering the entirety of the new floor, new exterior stairway and platform construction, and installation of new manways and sampling station, including water quality analyzer and pressure transducer.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$3,775,000	Project started in 2018
2024	\$0	
Total Budgeted	\$3,775,000	

10/23/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%	\$131,400	\$131,400	\$0	\$131,400	3.48% G&O
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00% N/A
Construction	\$0	0.00%	\$0	\$0	\$3,100,000	\$3,100,000	82.12% Engineers Estimate
Contingency	\$0	0.00%	\$0	\$0	\$310,000	\$310,000	8.21% 10% of Construction Costs
CM / Inspection	\$0	0.00%	\$0	\$0	\$240,000	\$240,000	6.36% Coating Inspection (NACE)
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$3,775,000	0.00%	\$131,400	\$131,400	\$3,650,000	\$3,781,400	100.17%

CONSTRUCTION CONTRACT TIMING

Bid Opening	9/18/2024	Estimated
Contract Award	9/23/2024	Estimated
NTP Date	11/4/2024	Estimated
End Construction	6/2/205	Estimated



CIP PROJECT BUDGET

<i>Project Name:</i>	Bldg "A" Remodel & Security Improvements		
<i>Project Type</i>	Facility		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C1813		
<i>Contract No.</i>	2023-01		
		<i>Location</i>	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Renovations and seismic improvements to Building A including, but not limited to, demolition; full lobby reconstruction; security improvements; remodeling of offices, restrooms, locker rooms, and work rooms; revisions to walls, flooring, and ceilings; replacement of inventory room ceiling; reroofing of the building; HVAC improvements and modifications; and electrical system improvements and modifications.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$5,325,000	Previous Years and Additional Appropriation
2024	\$175,000	Additional Funds Needed due to unforeseen force account work
Total Budgeted	\$5,500,000	

10/23/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total	% of Total	Notes
Design		0.00%	\$474,643	\$474,643	\$0	\$474,643	8.63%	G&O
Permitting		0.00%	\$35,000	\$23,570	\$11,430	\$35,000	0.64%	City of Kenmore
Furnishings/Floor		0.00%	\$623,091	\$249,712	\$373,379	\$623,091	11.33%	Legacy Group
Construction		0.00%	\$3,939,328	\$2,116,920	\$2,322,408	\$4,439,328	80.72%	Klinge & Associates; add'l FA work
Grant Reimburse		0.00%	-\$258,350	\$0	-\$688,750	-\$688,750	-12.52%	Hazard Mitigation Grant Program
CM / Inspection		0.00%	\$531,400	\$338,913	\$192,487	\$531,400	9.66%	G&O
Other		0.00%		\$1,728	\$0	\$1,728	0.03%	Bidding expenses, misc.
Total	\$5,500,000	0.00%	\$5,345,112	\$3,205,486	\$2,210,954	\$5,416,440	98.48%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	3/28/2023	Actual
Contract Award	4/3/2023	Actual
NTP Date	5/1/2023	Actual
End Construction	12/26/2023	Estimate (based on contract duration)



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

Project Name: NE 190th St. Culvert Replacement			
Project Type	Other Agency - ILA		
Lead Agency	City of Kenmore		
Project No.	C1816		
Contract No.	N/A		
		Location	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 150 LF of water main and 100 LF of sanitary sewer main to avoid conflicts with the new box culvert on NE 190th St.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$450,000	Project started in 2018
2024	\$0	
Total Budgeted	\$450,000	

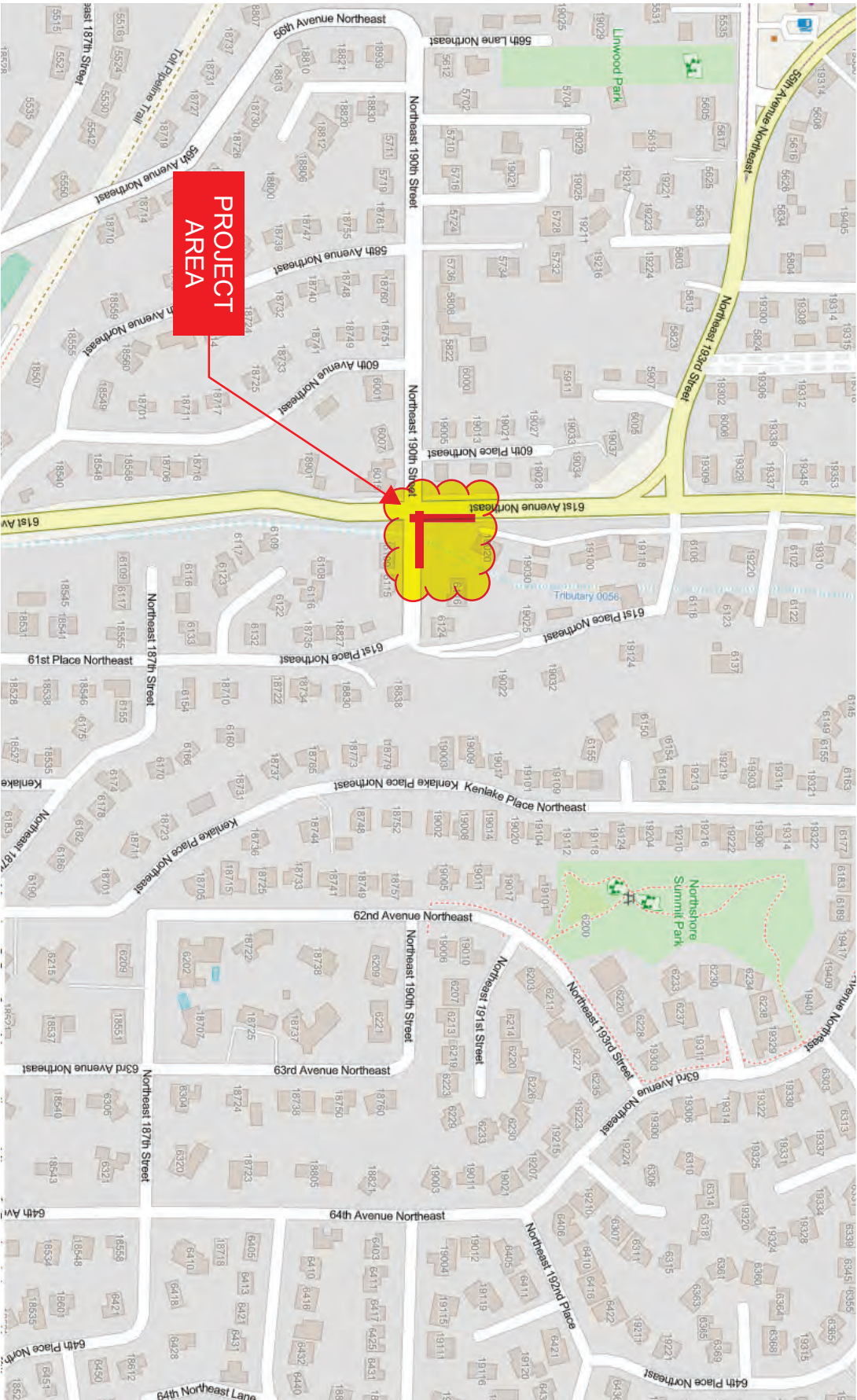
11/17/2023

Budget Breakdown			Expenditure Breakdown				Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design		0.00%	\$46,750	\$45,419	\$1,331	\$46,750	Osborn Consulting
Permitting		0.00%	\$0	\$0	\$0	\$0	0.00% City of Kenmore
Easements		0.00%	\$0	\$0	\$0	\$0	0.00% N/A
Construction		0.00%	\$278,616	\$0	\$278,616	\$278,616	Contract Bid Amount
Contingency		0.00%		\$0	\$0	\$0	0.00%
CM / Inspection		0.00%	\$51,376	\$6,776	\$44,600	\$51,376	KBA
Other		0.00%	\$1,428	\$1,428	\$0	\$1,428	Isolation Valve Survey (DHA)
Total	\$450,000	0.00%	\$378,170	\$53,623	\$324,547	\$378,170	84.04%

CONSTRUCTION CONTRACT TIMING

Bid Opening	4/4/2023	Actual
Contract Award	4/25/2023	Actual
NTP Date	6/23/2023	Actual
End Construction	12/31/2023	Estimated

C1816 - CITY OF KENMORE NE 190TH ST. CULVERT REPLACEMENT PROJECT



CIP PROJECT BUDGET

<i>Project Name:</i>	Woodland Cove Water Service Repl and 130/66 Water Main Repl Project		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C1817		
<i>Contract No.</i>	2023-02		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Woodland Cove Water Service Replacement includes the replacement of 25 water services and the 130/66 Water Main Replacement Project includes the replacement approximately 1,000LF of 8" water main replacement in the vicinity of the 6600 Block of NE 130th PL.

PROJECT BUDGET

CIP Budget		Notes
Year	Amount	
Previous	\$1,250,000	
2024	\$0	
Total Budgeted	\$1,250,000	

10/25/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design		0.00%	\$70,146	\$70,146	\$0	\$70,146	5.61%	PACE Engineers, DHA
Permitting		0.00%	\$0	\$1,368	\$0	\$1,368	0.11%	City of Kirkland
Easements		0.00%	\$7,195	\$7,195	\$0	\$7,195	0.58%	
Construction		0.00%	\$963,635	\$888,940	\$74,695	\$963,635	77.09%	Karvel Construction
Contingency		0.00%	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection		0.00%	\$145,669	\$134,669	\$11,000	\$145,669	11.65%	RH2
Other		0.00%	\$0	\$57	\$0	\$57	0.00%	BXWA
Total		0.00%	\$1,186,645	\$1,102,375	\$85,695	\$1,188,070	95.05%	

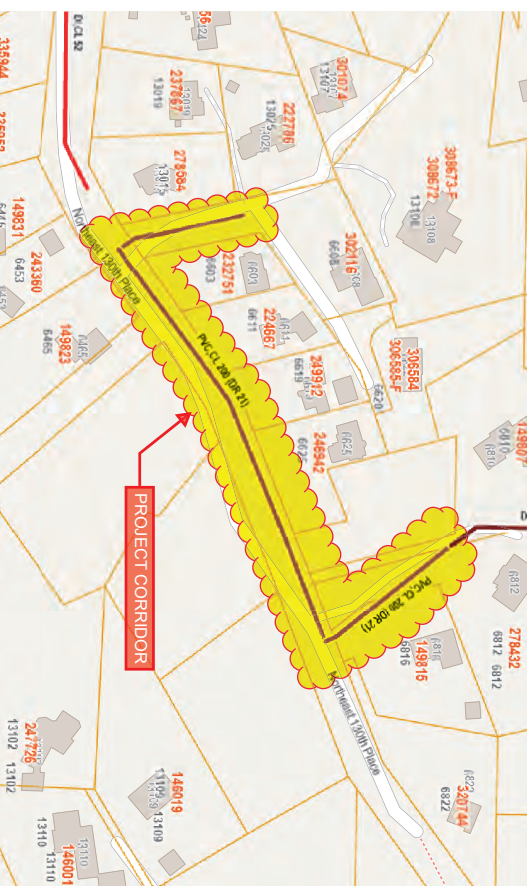
CONSTRUCTION CONTRACT TIMING

Bid Opening	3/29/2023	Actual
Contract Award	4/3/2023	Actual
NTP Date	6/1/2023	Actual
End Construction	10/13/2023	Actual

WOODLAND COVE WATER SERVICE REPLACEMENT



130/66 WATER MAIN REPLACEMENT



CIP PROJECT BUDGET

Project Name:		HQ Site - Stormwater Flooding Abatement	
Project Type	Facility		
Lead Agency	NUD		
Project No.	C1823		
Contract No.	N/A	Location City of Kenmore	

PROJECT DESCRIPTION (see attached map)

Study to verify impacts to flooding at the District HQ site from Kenmore's recently completed 68th Ave NE Improvements Project and current 25-Degrees multi-family project. Work to be completed in 2024-2025.

PROJECT BUDGET

CIP Budget		Amount	Notes
Year			
Previous		\$25,000	
2024		\$0	
Total Budgeted		\$25,000	

10/23/2023

Budget Breakdown			Expenditure Breakdown				Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design	\$0	0.00%	\$8,379	\$8,379	\$0	\$8,379	33.52% KPFF
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$25,000	0.00%	\$8,379	\$8,379	\$0	\$8,379	33.52%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD



CIP PROJECT BUDGET

<i>Project Name:</i>	124/116 Improvements		
<i>Project Type</i>	Other Agency - ILA		
<i>Lead Agency</i>	City of Kirkland		
<i>Project No.</i>	C1921		
<i>Contract No.</i>	N/A		
	<i>Location</i>		City of Kirkland

PROJECT DESCRIPTION (see attached map)

The City of Kirkland's 124/116 Intersection Improvements Project impacts the District's facilities and required the relocation of approximately 420 lf of water main and associated appurtenances. The District's Improvements were constructed under the City's contract through the ILA process.

PROJECT BUDGET

CIP Budget		<i>Amount</i>	<i>Notes</i>
Year			
Previous		\$275,000	
2024		\$0	
Total Budgeted		\$275,000	

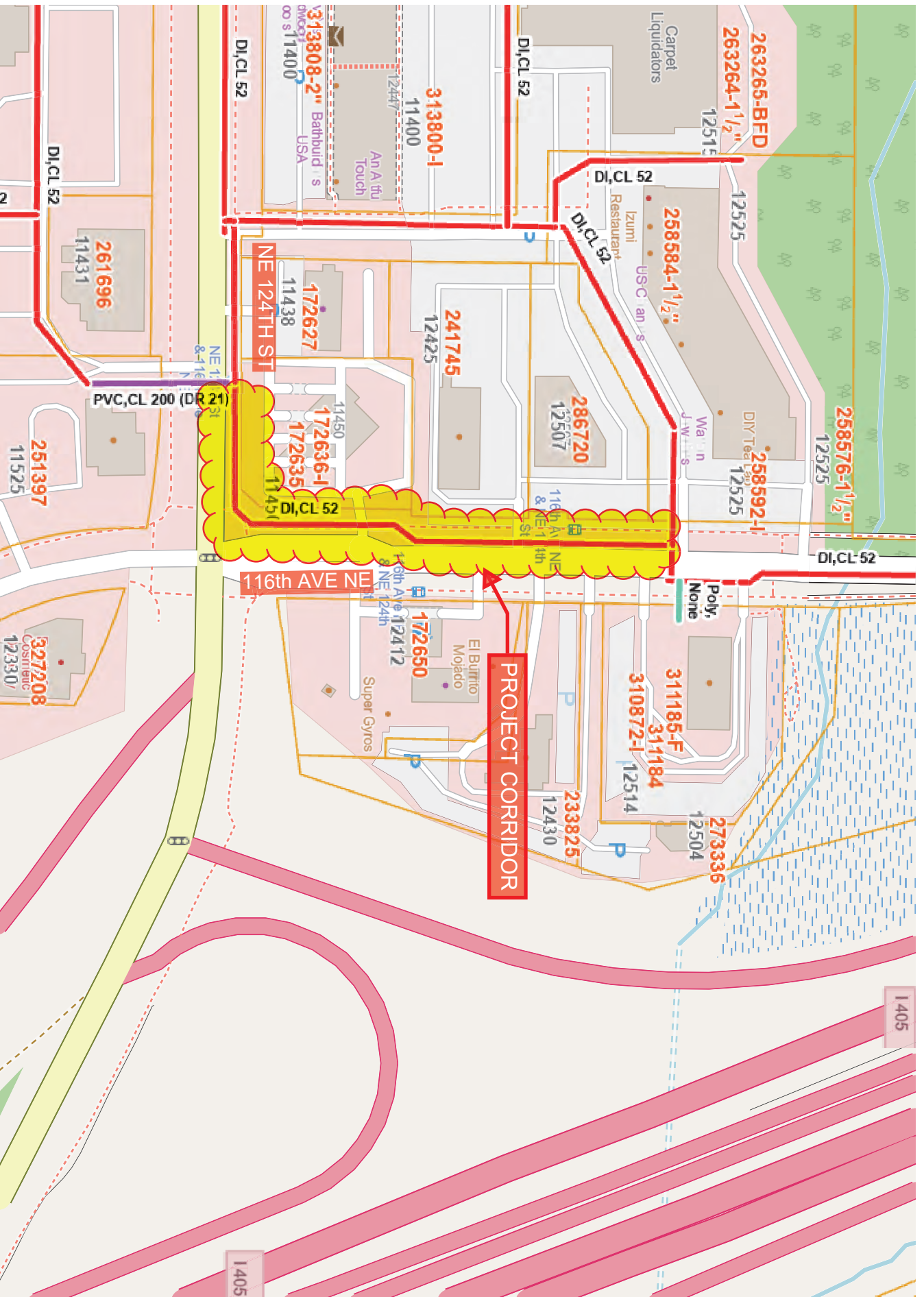
10/26/2023

Budget Breakdown			Expenditure Breakdown				<i>Notes</i>
<i>Purpose</i>	<i>Amount</i>	<i>% of Total</i>	<i>Commitment</i>	<i>Expenditures To Date</i>	<i>Est. Remaining Expenditures</i>	<i>Est. Total Expenditures</i>	
Design	\$0	0.00%	\$40,047	\$40,047	\$0	\$40,047	Parametrix
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	
Construction	\$0	0.00%	\$193,291	\$195,729	\$0	\$195,729	ICI Construction
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	
CM / Inspection	\$0	0.00%	\$22,623	\$22,623	\$0	\$22,623	Rock PM
Other	\$0	0.00%	\$0	\$0	\$0	\$0	
Total	\$275,000	0.00%	\$255,961	\$258,399	\$0	\$258,399	93.96%

CONSTRUCTION CONTRACT TIMING

Bid Opening	10/28/2021	Actual
Contract Award	11/22/2021	Actual
NTP Date	4/10/2022	Actual
End Construction	9/21/2023	Actual

C1921 - CITY OF KIRKLAND 124/116 IMPROVEMENTS



CIP PROJECT BUDGET

<i>Project Name:</i>		Juanita Drive Improvements	
<i>Project Type</i>		Other Agency - ILA	
<i>Lead Agency</i>		City of Kirkland	
<i>Project No.</i>		C2001	
<i>Contract No.</i>		NA	
		<i>Location</i> City of Kirkland	

PROJECT DESCRIPTION (see attached map)

The City of Kirkland's Juanita Dr Improvements Project impacts the District's facilities and will require the relocation of approximately 2,000 lf of water main, 200 lf of sewer main, PRV Station rehabilitation and associated appurtenances. The project is in Juanita Dr. running from approximately NE 114th Pl to NE 133rd Pl. The District's improvements will be constructed under the City's contract through the ILA process.

PROJECT BUDGET

CIP Budget		Notes
Year	Amount	
Previous	\$3,500,000	
2024	\$0	
Total Budgeted	\$3,500,000	

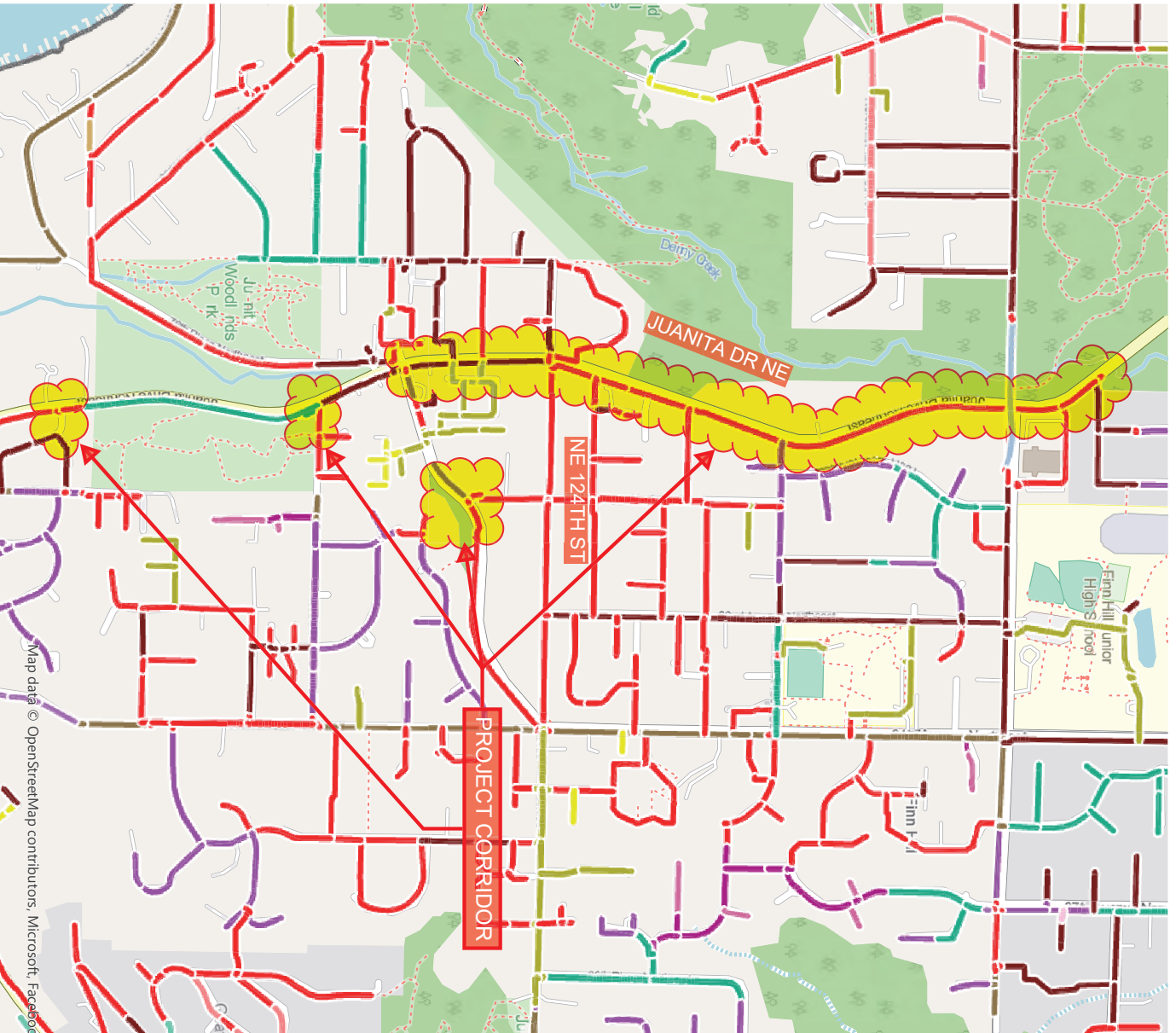
10/26/2023

Budget Breakdown			Expenditure Breakdown				% of Total	Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures		
Design		0.00%	\$267,165	\$234,856	\$32,310	\$267,165	7.63%	KPG Psomas
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$0	\$0	\$1,700,000	\$1,700,000	48.57%	Engineer's Estimate
Contingency	\$0	0.00%	\$0	\$0	\$170,000	\$170,000	4.86%	10%
CM / Inspection	\$0	0.00%	\$0	\$0	\$250,000	\$250,000	7.14%	Estimated
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Total	\$3,500,000	0.00%	\$267,165	\$234,856	\$2,152,310	\$2,387,165	68.20%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	11/28/2023	Estimated
Contract Award	12/12/2023	Estimated
NTP Date	2/5/2024	Estimated
End Construction	4/30/2025	Estimated

C2001 - CITY OF KIRKLAND JUANITA DR IMPROVEMENTS



CIP PROJECT BUDGET

<i>Project Name:</i> Grinder Station Rehabilitation Project	
<i>Project Type</i>	Facility
<i>Lead Agency</i>	NUD
<i>Project No.</i>	C2003
<i>Contract No.</i>	2022-01
<i>Location</i> City of Kirkland	

PROJECT DESCRIPTION (see attached map)

The Grinder Station Replacement Project includes the rehabilitation of four small sewer grinder pump stations along Lake Washington, just north of Lift Station 15. The stations were originally constructed in 1979 and had reached the end of their service life.

PROJECT BUDGET

CIP Budget		Notes
Year	Amount	
Previous	\$950,000	
2024	\$275,000	Additional Funds Needed; 2022 budget did not include CM or Prepurchased equipment
Total Budgeted	\$1,225,000	

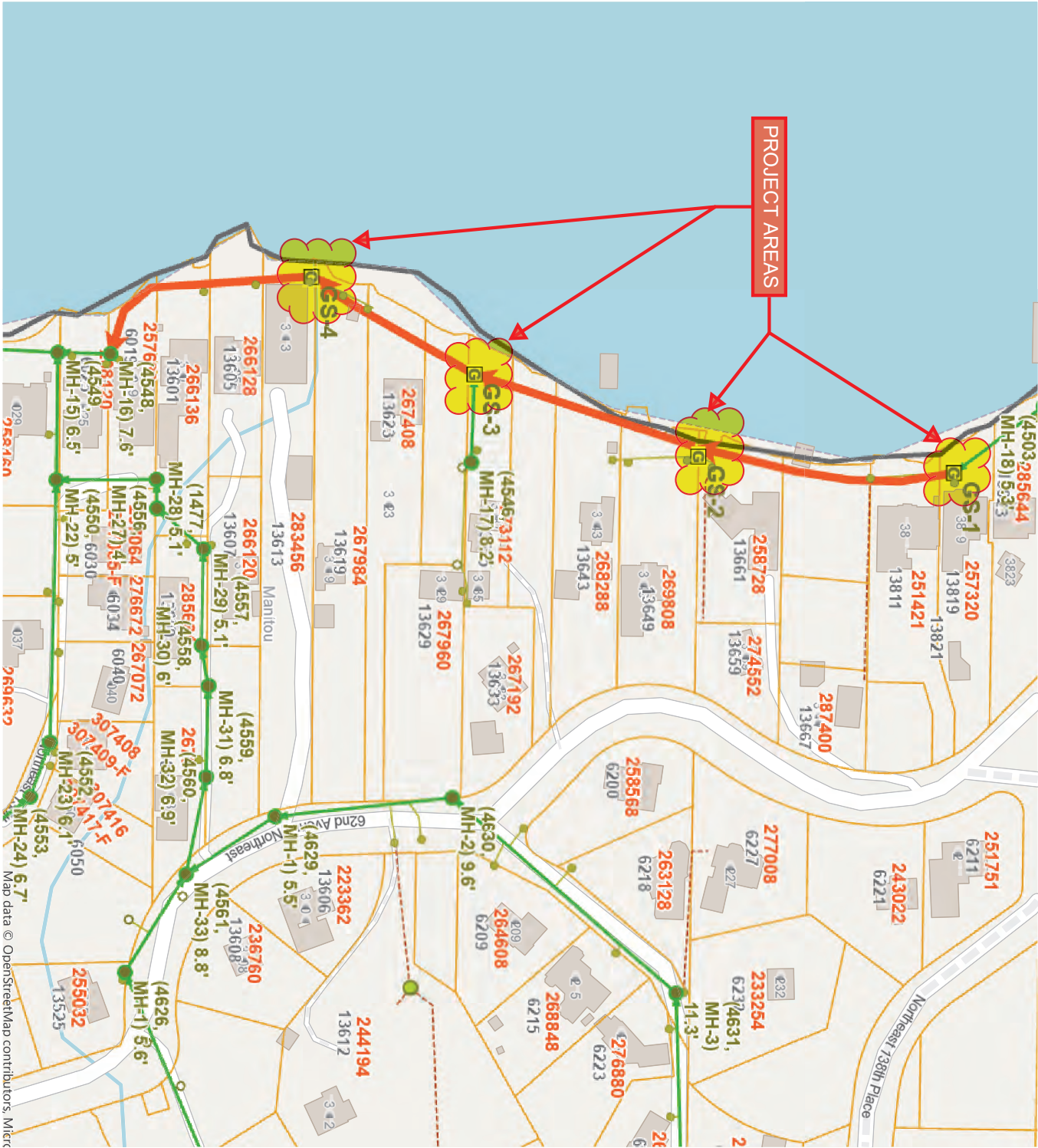
10/25/2023

Budget Breakdown			Expenditure Breakdown				% of Total	Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures		
Design	\$0	0.00%	\$102,330	\$102,330	\$0	\$102,330	8.35%	G&O
Permitting	\$0	0.00%	\$0	\$26,634	\$0	\$26,634	2.17%	City of Kirkland
Easements	\$0	0.00%	\$0	\$5,411	\$10,000	\$15,411	1.26%	
Construction	\$0	0.00%	\$775,336	\$607,251	\$168,085	\$775,336	63.29%	Dirt Works North West
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection	\$0	0.00%	\$114,800	\$114,800	\$9,300	\$124,100	10.13%	G&O
Other	\$0	0.00%	\$149,867	\$159,554	\$5,000	\$164,554	13.43%	Prepurchase pumps/panels; Legal costs
Total	\$1,225,000	0.00%	\$1,142,332	\$1,015,980	\$192,385	\$1,208,365	98.64%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	11/29/2022	Actual
Contract Award	12/5/2022	Actual
NTP Date	2/6/2023	Actual
End Construction	12/22/2023	Estimated

C2003 - Contr. 2022-01; Grinder Station Rehabilitation Project



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

Project Name:	124th Ave NE Improvements		
Project Type	Other Agency - ILA		
Lead Agency	City of Kirkland		
Project No.	C2101		
Contract No.	N/A		
		Location	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Project consists of the repair of 72FT of existing 8in sanitary sewer main, realigning a number of side sewers due to impacts from retaining walls and other surface features, and replacing the existing manhole frames and covers along 124th Ave NE between NE 116th St. and NE 124th St.

PROJECT BUDGET

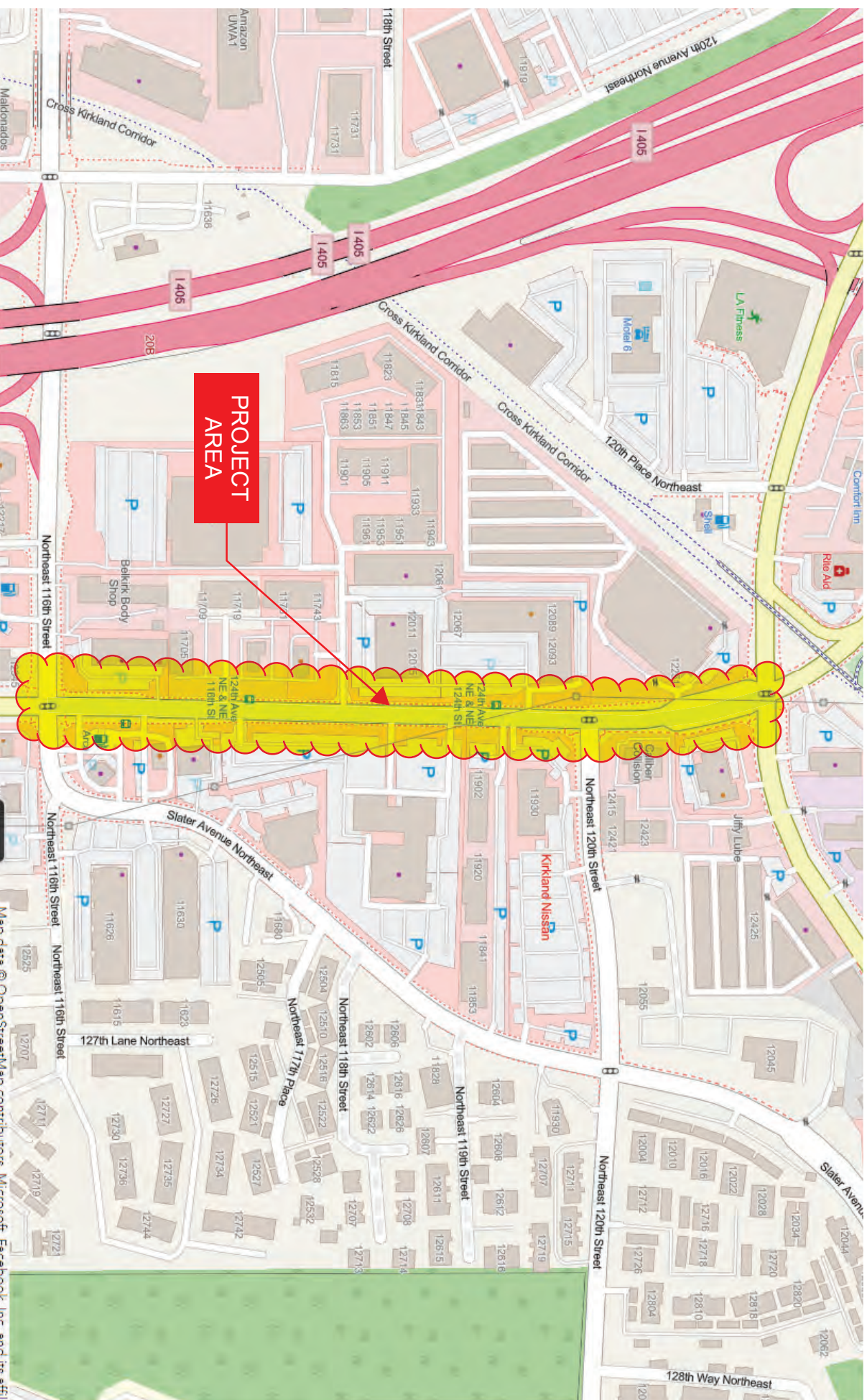
CIP Budget	Amount	Notes
Year		
Previous	\$625,000	Project started in 2021
2024	\$0	
Total Budgeted	\$625,000	

11/6/2023

Budget Breakdown			Expenditure Breakdown				
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design		0.00%	\$106,356	\$100,584	\$5,772	\$106,356	17.02%
Permitting		0.00%		\$0	\$0	\$0	0.00%
Easements		0.00%		\$0	\$5,000	\$5,000	0.80%
Construction		0.00%		\$0	\$367,620	\$367,620	58.82%
Contingency		0.00%		\$0	\$0	\$0	0.00%
CM / Inspection		0.00%		\$0	\$0	\$0	0.00%
Other		0.00%		\$0	\$0	\$0	0.00%
Total	\$625,000	0.00%	\$106,356	\$100,584	\$378,392	\$478,976	76.64%

CONSTRUCTION CONTRACT TIMING

Bid Opening	11/15/2023	Actual
Contract Award	12/22/2023	Estimated
NTP Date	3/4/2024	Estimated
End Construction	10/30/2024	Estimated



CIP PROJECT BUDGET

Project Name:		Sewer Repair Project
Project Type	Sewer Main Replacement, Rehab & Extension	
Lead Agency	NUD	
Project No.	C2102	
Contract No.	2022-02	
Location		Multiple Cities

PROJECT DESCRIPTION (see attached map)

The project consists of work in four different areas of the District. This includes 100L F of 12in sewer main replacement on 55th Ave NE in Lake Forest Park, 100L F of 8in sewer main on the Casa Juanita Property in Kirkland, installing tee-liner system on 9 existing side sewers in the 58th and 60th Ave NE of Kenmore, and 19 manhole adjustments along 124th NE in Kirkland.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$1,325,000	Project started in 2021
2024	\$102,000	Additional Funds Needed due to changes to field conditions
Total Budgeted	\$1,427,000	

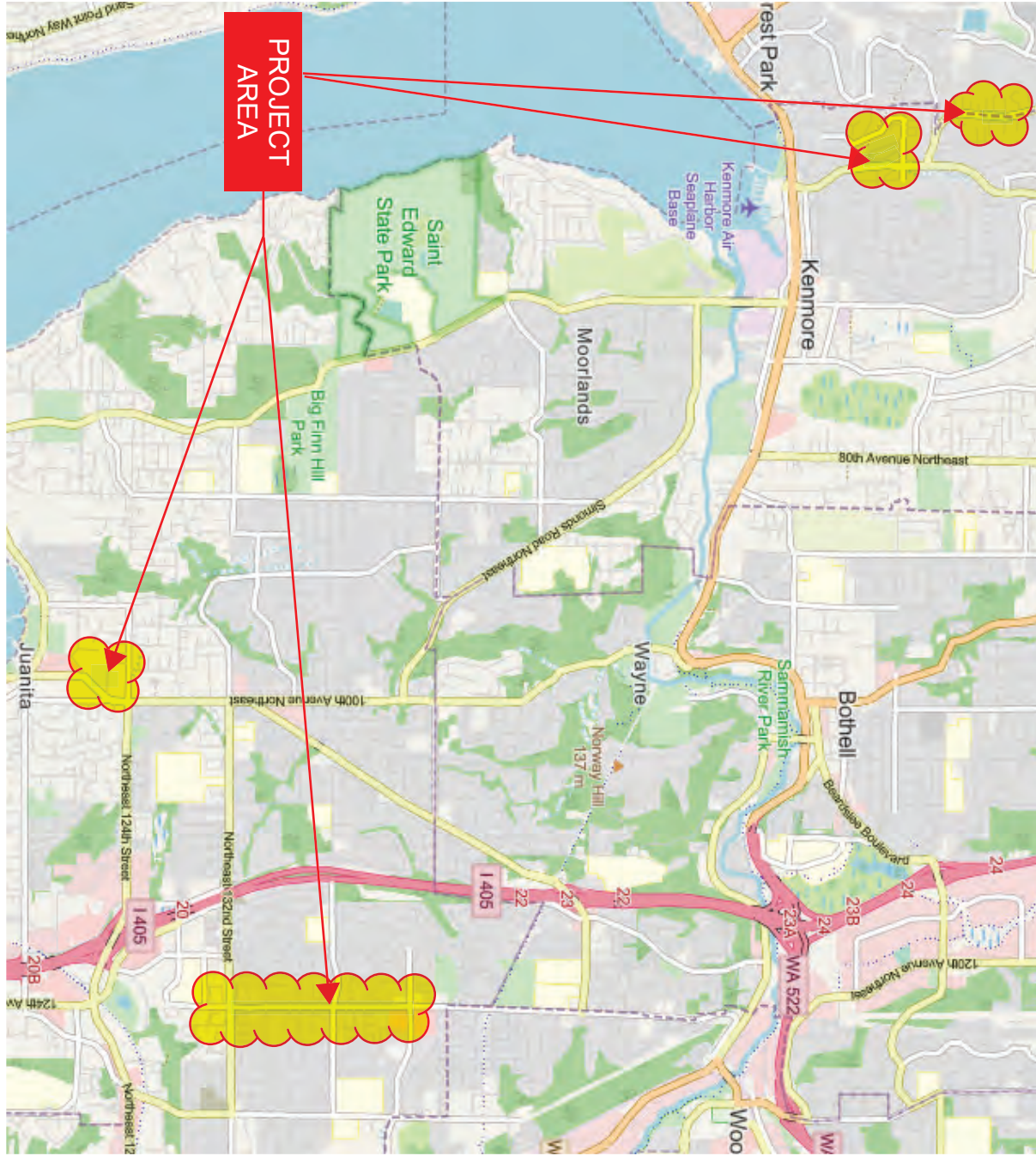
11/17/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design		0.00%	\$70,500	\$70,500	\$0	\$70,500	4.94% G&O
Permitting		0.00%	\$0	\$1,119	\$0	\$1,119	0.08% City of Kirkland, Kenmore and LFP
Easements		0.00%	\$0	\$0	\$0	\$0	0.00% N/A
Construction		0.00%	\$1,162,974	\$1,250,684	\$0	\$1,250,684	87.64% Final amount paid, incl. quantity variations
Contingency		0.00%		\$0	\$0	\$0	0.00%
CM / Inspection		0.00%	\$103,400	\$103,330	\$0	\$103,330	7.24% G&O
Other		0.00%	\$0	\$1,191	\$0	\$1,191	0.08% Project Advertisement
Total	\$1,427,000	0.00%	\$1,336,874	\$1,426,825	\$0	\$1,426,825	99.99%

CONSTRUCTION CONTRACT TIMING

Bid Opening	12/14/2022	Actual
Contract Award	12/19/2022	Actual
NTP Date	2/15/2023	Actual
End Construction	8/22/2023	Actual

C2102 - SEWER REPAIR PROJECT



CIP PROJECT BUDGET

Project Name:	Cat Whisker Creek Fish Passage Project		
Project Type	Other Agency - ILA		
Lead Agency	WSDOT		
Project No.	C2105		
Contract No.	N/A	Location <div>City of Kenmore</div>	

PROJECT DESCRIPTION (see attached map)

WSDOT is in the planning phase of upgrading the existing culvert at SR 522 and 61st Ave NE. This WSDOT project will impact the existing NUD water and sewer facilities in the vicinity of the proposed improvements.

PROJECT BUDGET

CIP Budget		Amount	Notes
Year			
Previous		\$500,000	
2024		\$0	
Total Budgeted		\$500,000	

Budget Breakdown		Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$500,000	0.00%	\$0	\$0	\$0	\$0	0.00%

No expenditures through 11/13/23

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD

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Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Water Main Replacement Project 21-3 - Small diameter / high pressure		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C2106	<i>Location</i> Multiple Cities	
<i>Contract No.</i>	TBD		

PROJECT DESCRIPTION (see attached map)

This project will replace approximately 2,000 lf of small diameter water main in high pressure areas in seven different areas throughout the District. Includes work in LFP, Kenmore, Bothell and Kirkland.

PROJECT BUDGET

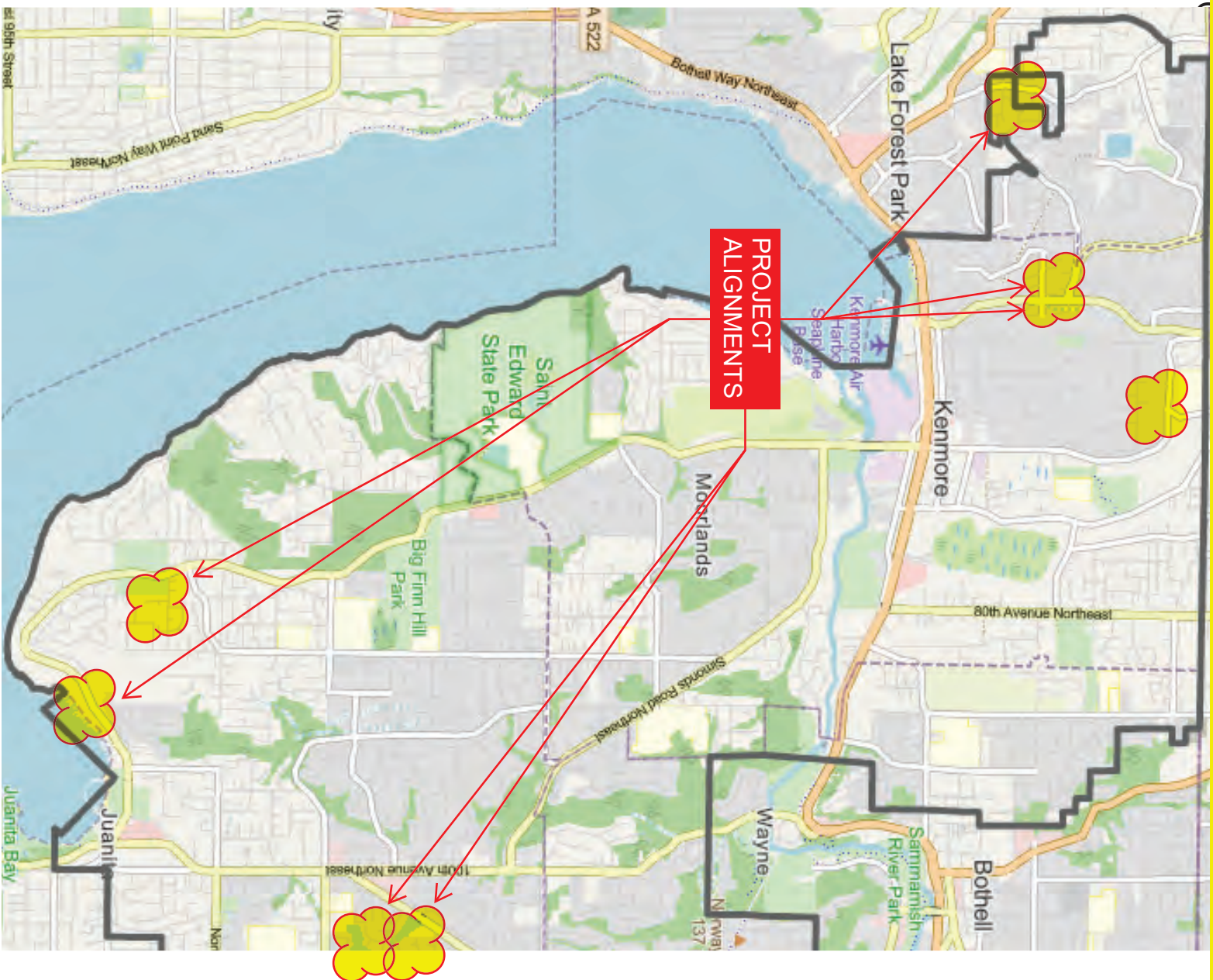
CIP Budget	Amount	Notes
Year		
Previous	\$2,000,000	
2024	\$525,000	Additional Funds Needed due to updated Engineer's Estimate
Total Budgeted	\$2,525,000	

11/7/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$81,650	\$81,607	\$33,935	\$115,542	4.58%	PACE Design; consult amendment req'd
Permitting	\$0	0.00%	\$0	\$324	\$15,000	\$15,324	0.61%	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$0	\$0	\$2,000,000	\$2,000,000	79.21%	Engineers Estimate
Contingency	\$0	0.00%	\$0	\$0	\$200,000	\$200,000	7.92%	10% of Construction Cost
CM / Inspection	\$0	0.00%	\$0	\$0	\$140,000	\$140,000	5.54%	Contract Inspector
Other	\$0	0.00%	\$0	\$0	\$50,000	\$50,000	1.98%	Incl. meter setter pre-purchase
Total	\$2,525,000	0.00%	\$81,650	\$81,931	\$2,438,935	\$2,520,866	99.84%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	2/14/2024	Estimated
Contract Award	2/19/2023	Estimated
NTP Date	3/19/2023	Estimated
End Construction	7/19/2023	Estimated



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Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	165/76 Sewer ULID		
<i>Project Type</i>	Sewer Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C2203		
<i>Contract No.</i>	TBD		
		<i>Location</i>	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Potential ULID to provide sewer connection to 16410 76th Court NE (possible connection to 16420 76th Ct. NE, 7627 NE 165th St. and 7619 NE 165th St.). Feasibility stage only at this point.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$10,000	Project started in 2022
2024	\$0	
Total Budgeted	\$10,000	

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Budget Breakdown			Expenditure Breakdown				Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total
Design	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Construction	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Other	\$0	0.00%	\$0	\$4,598	\$0	\$4,598	45.98%
Total	\$10,000	0.00%	\$0	\$4,598	\$0	\$4,598	45.98%

CONSTRUCTION CONTRACT TIMING

Bid Opening	3/1/2025	Estimated
Contract Award	3/15/2025	Estimated
NTP Date	4/14/2025	Estimated
End Construction	7/23/2025	Estimated

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Engineering CIP Sheets

CIP PROJECT BUDGET

Project Name:	185/66 Water Main Replacement
Project Type	Water Main Replacement, Rehab & Extension
Lead Agency	NUD
Project No.	C2205
Contract No.	TBD
Location	City of Kenmore

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 3,200 lf of water main in NE 185th St. and 66th Ave NE due to high pressure and a high-risk pipe material (PVC CL 200).

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$1,500,000	Project started in 2022
2024	\$1,100,000	Additional Funds Needed due to updated scope of work and Engineer's Estimate
Total Budgeted	\$2,600,000	

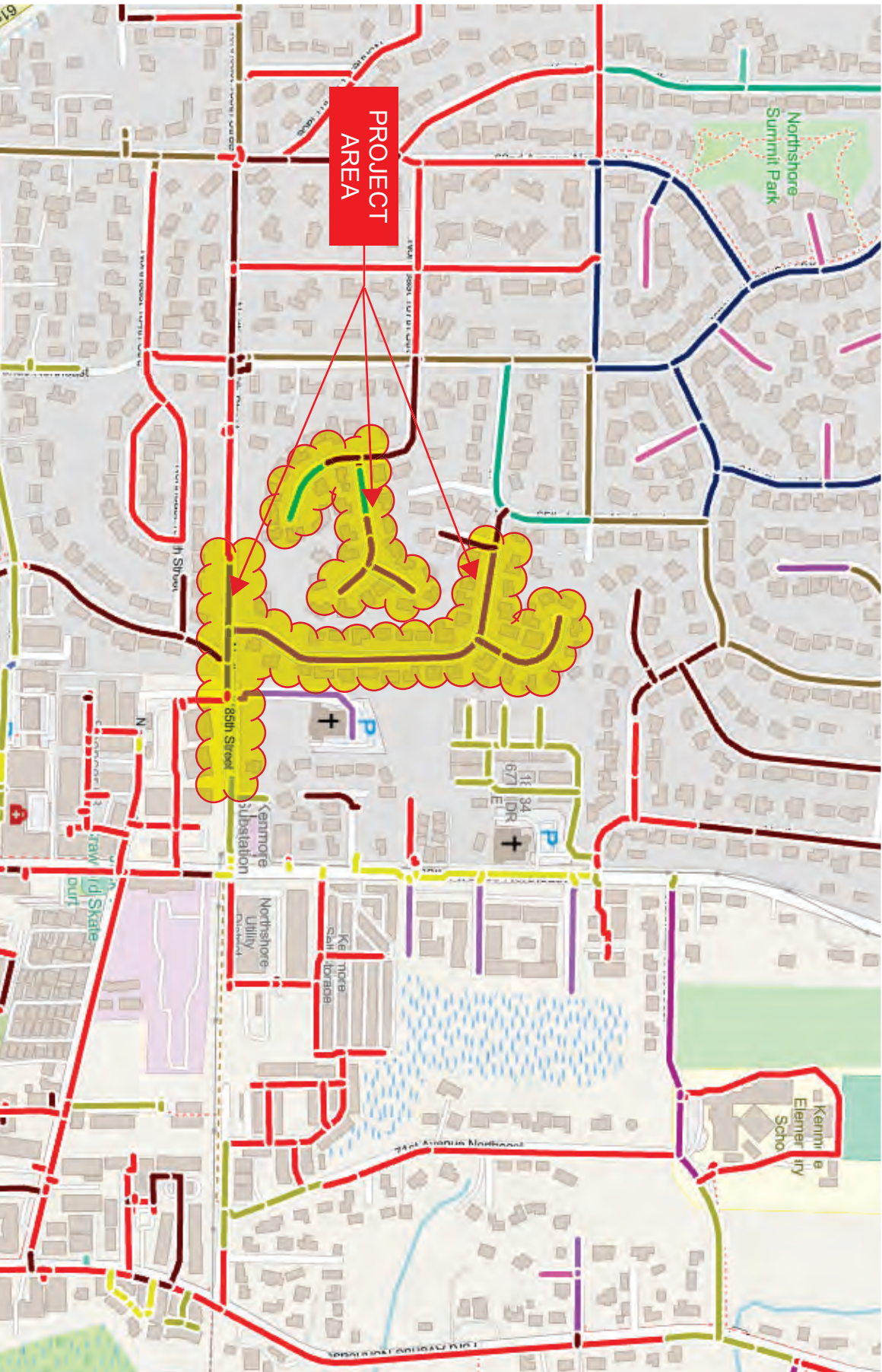
11/6/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design		0.00%	\$143,388	\$119,296	\$24,092	\$143,388	5.51% RH2
Permitting		0.00%	\$0	\$215	\$2,500	\$2,715	0.10% City of Kenmore
Easements		0.00%	\$0	\$0	\$0	\$0	0.00% N/A
Construction		0.00%	\$0	\$0	\$2,010,773	\$2,010,773	77.34% Per Engineer's Estimate
Contingency		0.00%	\$0	\$0	\$201,077	\$201,077	7.73% 10% of Construction Costs
CM / Inspection		0.00%	\$0	\$0	\$201,077	\$201,077	7.73% 10% of Construction Costs
Other		0.00%	\$35,436	\$35,436	\$2,000	\$37,436	1.44% Project Advertisement, Meter Setter Pre-Purchase
Total	\$2,600,000	0.00%	\$178,824	\$154,947	\$2,441,519	\$2,596,466	99.86%

CONSTRUCTION CONTRACT TIMING

Bid Opening	3/28/2024	Estimated
Contract Award	4/1/2024	Estimated
NTP Date	5/1/2024	Estimated
End Construction	9/28/2024	Estimated

C2205 - 185/66 WATER MAIN REPLACEMENT PROJECT



CIP PROJECT BUDGET

Project Name:		CIPP Rehab	
Project Type		Sewer Main Replacement, Rehab & Extension	
Lead Agency		NUD	
Project No.		C2206	
Contract No.		TBD	
Location		Multiple Cities	

PROJECT DESCRIPTION

Placeholder for future CIPP work to rehabilitate sewer mains throughout the District. No map included due to no identified pipes to be sliplined.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$50,000	Project started in 2022
2024	\$0	
Total Budgeted	\$50,000	

11/6/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%		\$0	\$0	\$0	
Permitting	\$0	0.00%		\$0	\$0	\$0	
Easements	\$0	0.00%		\$0	\$0	\$0	
Construction	\$0	0.00%		\$0	\$0	\$0	
Contingency	\$0	0.00%		\$0	\$0	\$0	
CM / Inspection	\$0	0.00%		\$0	\$0	\$0	
Other	\$0	0.00%		\$0	\$0	\$0	
Total	\$50,000	0.00%	\$0	\$0	\$0	\$0	

CONSTRUCTION CONTRACT TIMING

Bid Opening Estimated
 Contract Award Estimated
 NTP Date Estimated
 End Construction Estimated

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Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	152/105 Water Main Replacement
<i>Project Type</i>	Water Main Replacement, Rehab & Extension
<i>Lead Agency</i>	NUD
<i>Project No.</i>	C2207
<i>Contract No.</i>	TBD
	<i>Location</i> City of Bothell

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 4,200 lf of water main along NE 152nd St. and 106th Ave NE in the Norway Hill area due to high pressure and the high-risk pipe material (PVC C200).

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$2,250,000	Project started in 2022
2024	\$0	
Total Budgeted	\$2,250,000	

Budget Breakdown			11/6/2023 Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%		\$0	\$225,000	\$225,000	10.00%	KPG proposed scope
Permitting	\$0	0.00%		\$0	\$25,000	\$25,000	1.11%	City of Bothell
Easements	\$0	0.00%		\$0	\$0	\$0	0.00%	N/A
Construction	\$0	0.00%		\$0	\$1,785,000	\$1,785,000	79.33%	Estimated at \$425/LF
Contingency	\$0	0.00%		\$0	\$178,500	\$178,500	7.93%	10% of Construction Costs
CM / Inspection	\$0	0.00%		\$0	\$0	\$0	0.00%	TBD, depending on work load
Other	\$0	0.00%		\$0	\$36,500	\$36,500	1.62%	Bidding and misc. cost
Total	\$2,250,000	0.00%	\$0	\$0	\$2,250,000	\$2,250,000	100.00%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	9/4/2024	Estimated
Contract Award	9/9/2024	Estimated
NTP Date	10/9/2024	Estimated
End Construction	2/6/2025	Estimated



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Goat Hill Storm Drainage Improvement, Phase 1		
<i>Project Type</i>	Other Agency - ILA		
<i>Lead Agency</i>	City of Kirkland		
<i>Project No.</i>	C2208		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

The City of Kirkland's proposed storm drainage improvements will impact the District's facilities in the project corridor, located in the Goat Hill neighborhood. The proposed NUD improvements include approximately 35 water service replacements, 15 MH frame and cover replacements and associated appurtenances.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$500,000	
2024	\$0	
Total Budgeted	\$500,000	

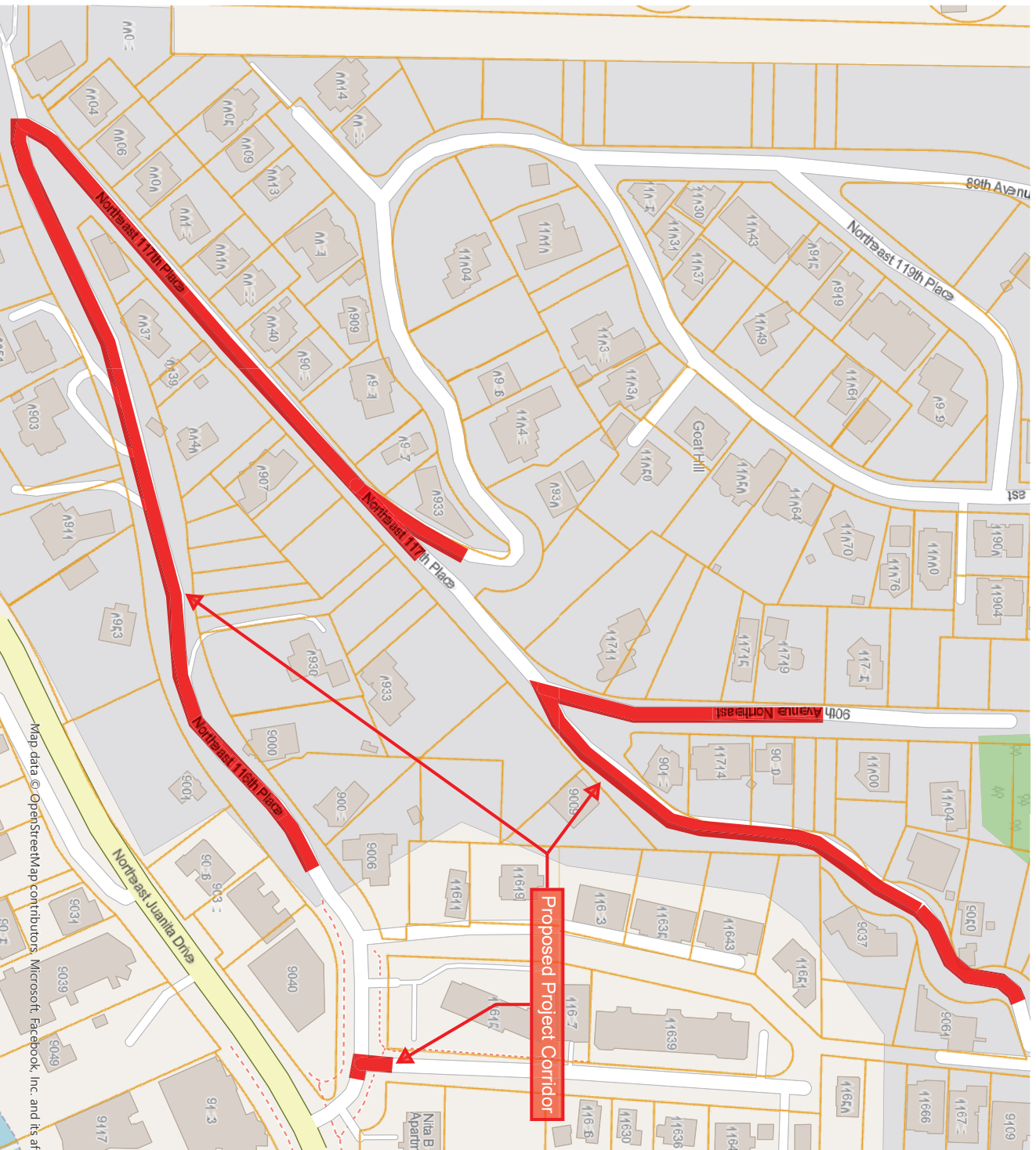
10/26/2023 No expenditures through 10/26/23

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$13,100	\$0	\$23,100	\$23,100	4.62%	CPH Engineering
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$0	\$0	\$250,000	\$250,000	50.00%	Estimated, waiting for engineer's estimate
Contingency	\$0	0.00%	\$0	\$0	\$25,000	\$25,000	5.00%	10% of construction
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	TBD
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Total	\$500,000	0.00%	\$13,100	\$0	\$298,100	\$298,100	59.62%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	1/16/2024	Estimated
Contract Award	2/1/2024	Estimated
NTP Date	3/13/2024	Estimated
End Construction	11/19/2024	Estimated

C2208 - CITY OF KIRKLAND GOAT HILL STORM DRAINAGE IMPROVEMENTS, PH 1



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Totem Lake Sewer System Improvements - Emergency LS & FM Project		
<i>Project Type</i>	Facility		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C2209		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Construction of an Emergency Lift Station and force main in the Totem Lake area due to the impacts of the City of Kirkland's rezone which greatly increased the density of the area. This project is related to the Hollywood Pump Station Bypass project which has been broken out into a separate project due to timing. This work is primarily funded by the Capital Expansion Connection Charge (CECC), which has collected \$7,013,123 as of 11/17/23, with another \$3,036,669 committed for future projects in review.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$3,000,000	Original budget was \$9M for Emergency LS and Hollywood PS Bypass; \$6M transferred to C2308 - Hollywood PS Bypass
2024	\$0	
Total Budgeted	\$3,000,000	

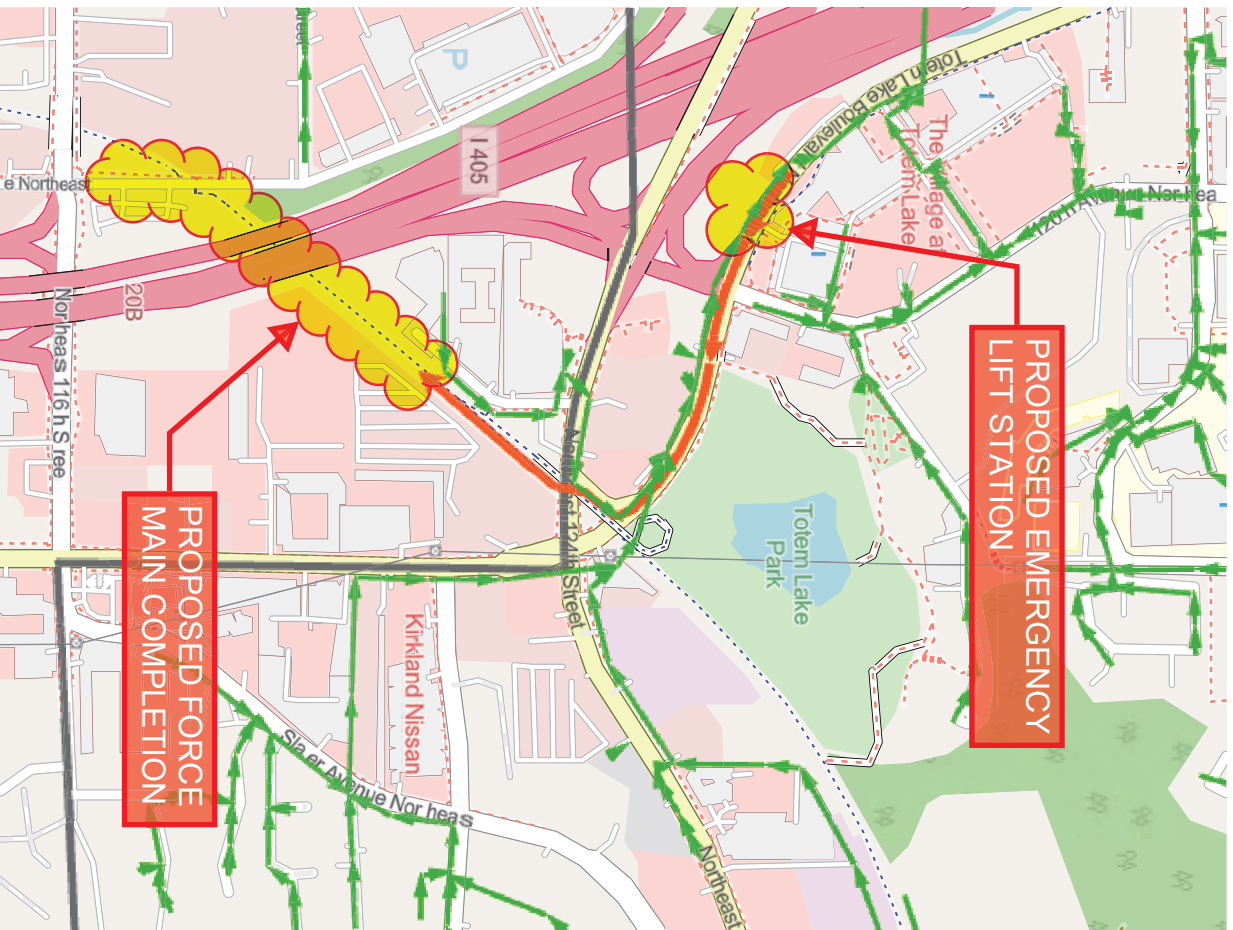
10/26/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%	\$330,000	\$68,228	\$261,772	\$330,000	11.00% G&O
Permitting	\$0	0.00%	\$0	\$1,171	\$10,000	\$11,171	0.37% City of Kirkland
Easements	\$0	0.00%	\$0	\$0	\$250,000	\$250,000	8.33% Lift Station site
Construction	\$0	0.00%	\$0	\$0	\$2,000,000	\$2,000,000	66.67%
Contingency	\$0	0.00%	\$0	\$0	\$400,000	\$400,000	13.33% 20% of Construction Cost
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	TBD
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%
Total	\$3,000,000	0.00%	\$330,000	\$69,399	\$2,921,772	\$2,991,171	99.71%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD

C2209 - TOTEM LAKE SYSTEM IMPRVS - EMERGENCY
LIFT STATION AND FORCEMAIN PROJECT



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	120/84 Water Main Replacement		
<i>Project Type</i>	Water Main Replacement, Rehab & Extension		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C2213		
<i>Contract No.</i>	2023-03		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Project installed approximately 570 LF of 8" DI water main, seven water service connections and appurtenances, and reconstructed the impacted portion of NE 120th St between 82nd PL NE and 84th Ave NE as well as a portion of NE 137th St.

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$500,000	
2024	\$0	
Total Budgeted	\$500,000	

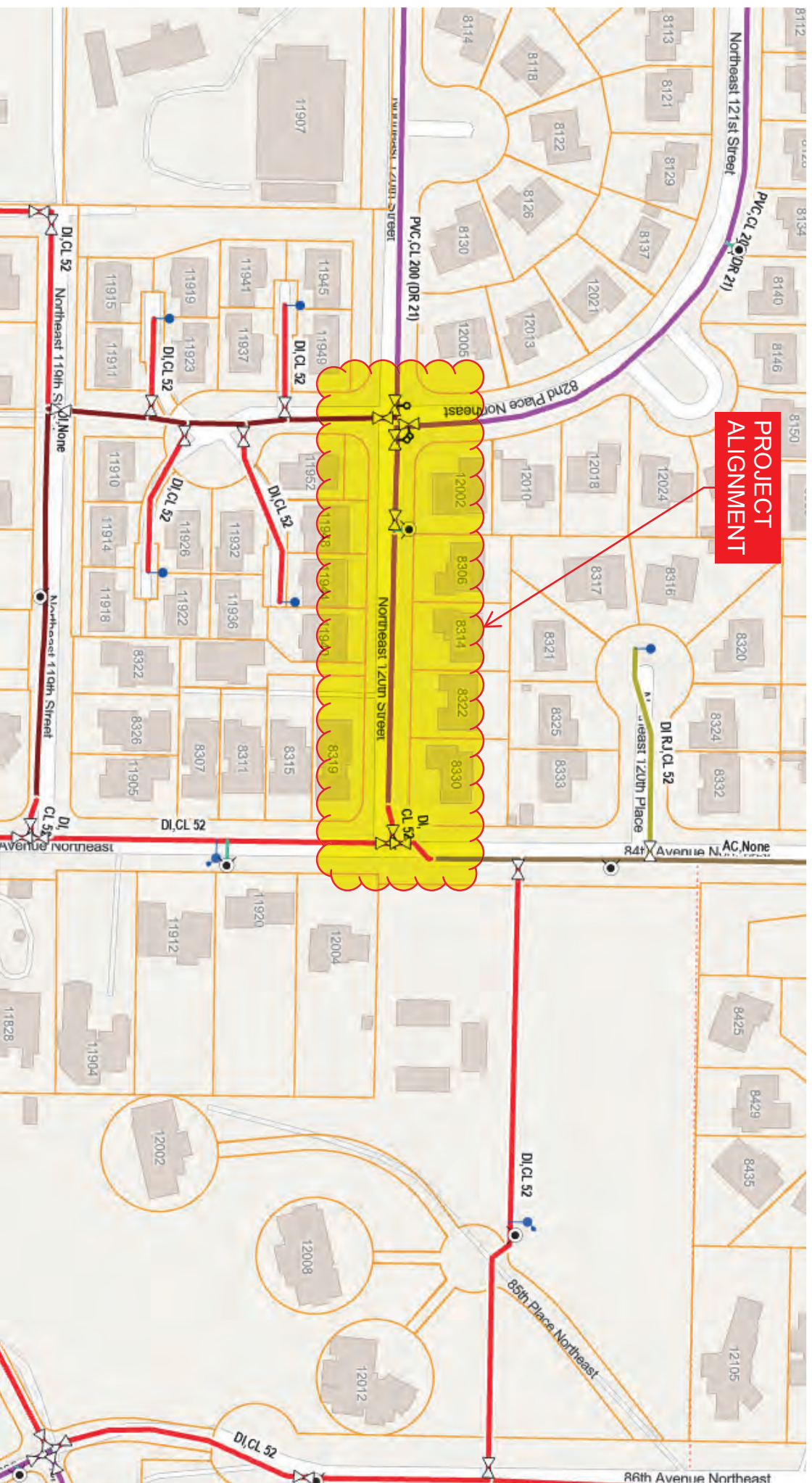
11/7/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$24,000	\$23,935	\$65	\$24,000	4.80%	G&O Design
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Construction	\$0	0.00%	\$460,143	\$406,407	\$0	\$406,407	81.28%	Final amount with quantity variations
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
CM / Inspection	\$0	0.00%	\$22,100	\$0	\$22,100	\$22,100	4.42%	G&O
Other	\$0	0.00%	\$0	\$3,838	\$0	\$3,838	0.77%	DJC, Material testing
Total	\$500,000	0.00%	\$506,243	\$434,180	\$22,165	\$456,345	91.27%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	5/9/2023	Actual
Contract Award	5/16/2023	Actual
NTP Date	6/1/2023	Actual
End Construction	10/9/2023	Actual

C2213 - 120/84 Water Main Replacement



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	83rd Ave NE Storm Drain Improvements		
<i>Project Type</i>	Other Agency - ILA		
<i>Lead Agency</i>	City of Kirkland		
<i>Project No.</i>	C2302		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

NUD's portion of the Kirkland 83rd Ave Project is replacing approximately 300 lf of Water Main in 83rd Ave. The Water Main's current location is where the City of Kirkland will be installing a new Storm Water system.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$200,000	
2024	\$25,000	Additional Funds Needed due to updated Engineer's Estimate
Total Budgeted	\$225,000	

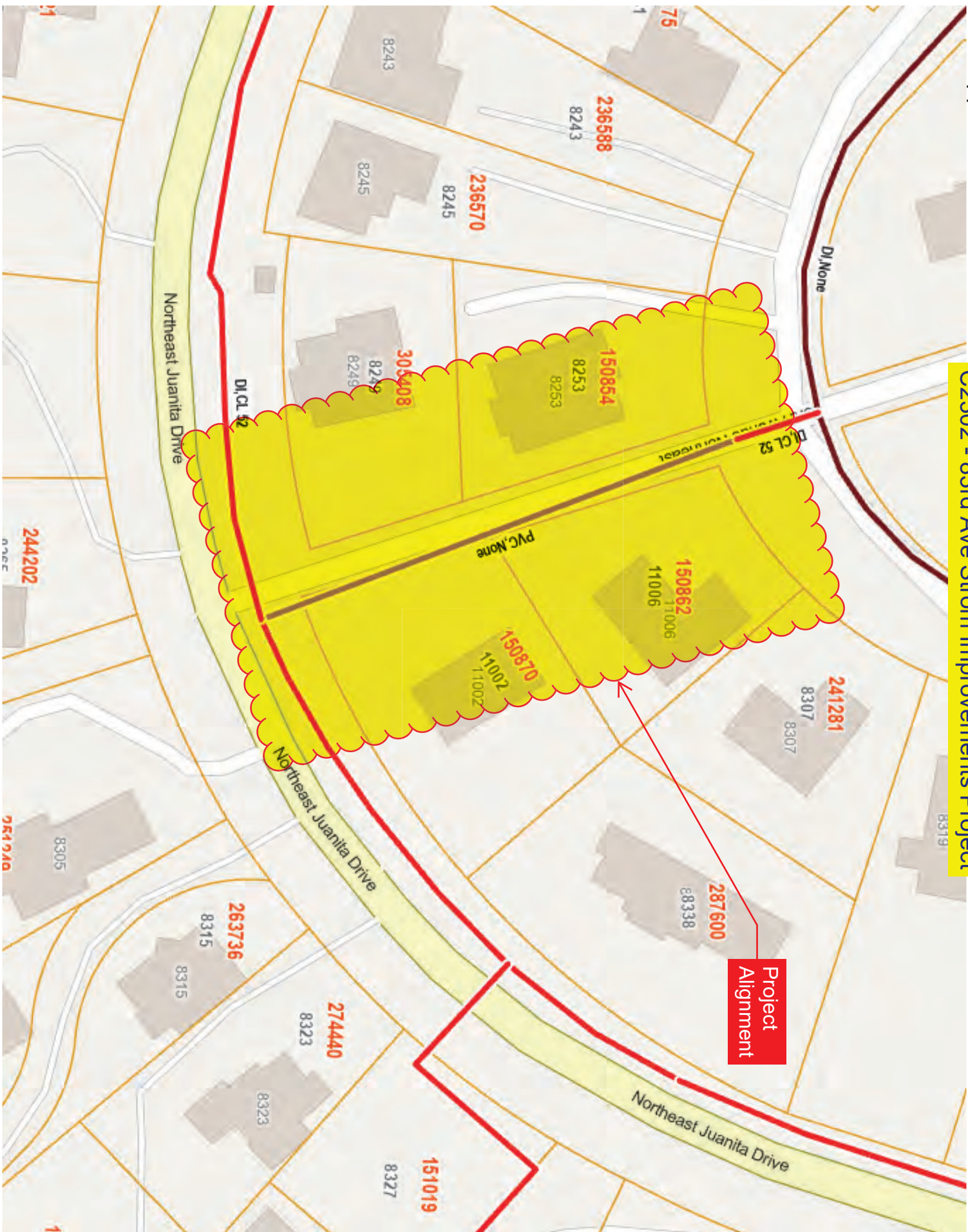
11/7/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$0	0.00%	\$33,153	\$28,759	\$4,394	\$33,153	Osborn Consulting Inc
Permitting	\$0	0.00%	\$0	\$0	\$0	\$0	
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	
Construction	\$0	0.00%	\$0	\$0	\$180,000	\$180,000	Engineers Estimate
Contingency	\$0	0.00%	\$0	\$0	\$0	\$0	
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	TBD
Other	\$0	0.00%	\$0	\$0	\$10,000	\$10,000	Geotechnical testing
Total	\$225,000	0.00%	\$33,153	\$28,759	\$194,394	\$223,153	99.18%

CONSTRUCTION CONTRACT TIMING

Bid Opening	2/1/2024	Estimated
Contract Award	3/1/2024	Estimated
NTP Date	4/1/2024	Estimated
End Construction	6/1/2024	Estimated

C2302 - 83rd Ave Strom Improvements Project



CIP PROJECT BUDGET

<i>Project Name:</i>	120/84 Water Main Replacement - Phase II
<i>Project Type</i>	Water Main Replacement, Rehab & Extension
<i>Lead Agency</i>	NUD
<i>Project No.</i>	C2305
<i>Contract No.</i>	TBD
	<i>Location</i> City of Kirkland

PROJECT DESCRIPTION (see attached map)

Replacement of approximately 4,300 lf of water main in the area west of 84th Ave NE and north of NE 120th St. due to high pressure and the high-risk pipe material (PVC C200 and AC), and recent break history.

PROJECT BUDGET

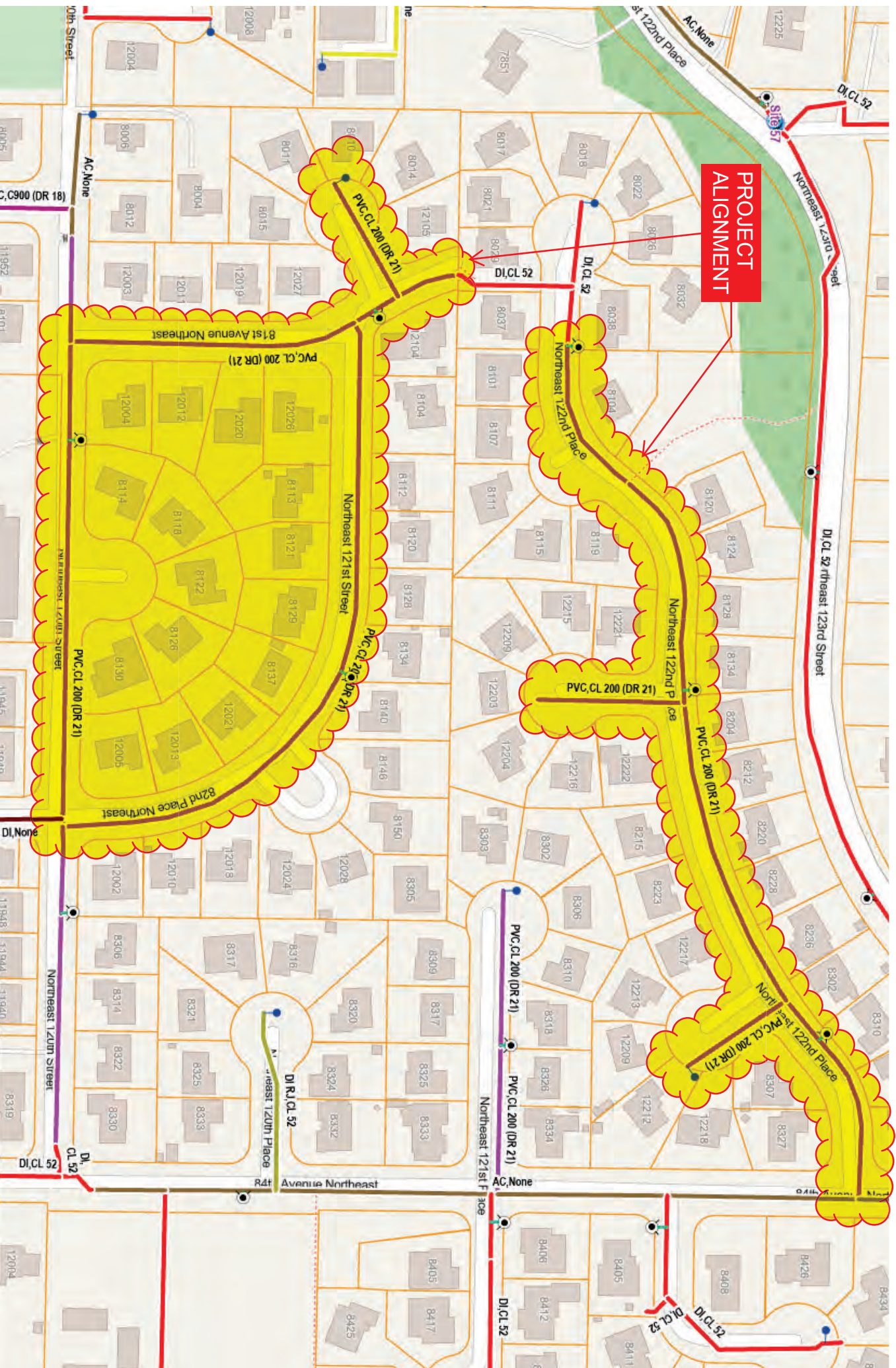
CIP Budget	Amount	Notes
Year		
2024	\$2,400,000	
	\$0	
Total Budgeted	\$2,400,000	

11/6/2023

Budget Breakdown		Expenditure Breakdown					Notes
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	
Design	\$232,200	9.68%	\$0	\$0	\$232,200	\$232,200	10% of Construction Costs
Permitting	\$10,000	0.42%	\$0	\$0	\$10,000	\$10,000	City of Kirkland
Easements	\$0	0.00%	\$0	\$0	\$0	\$0	N/A
Construction	\$1,935,000	80.63%	\$0	\$0	\$1,935,000	\$1,935,000	Estimated at \$450/LF
Contingency	\$193,500	8.06%	\$0	\$0	\$193,500	\$193,500	10% of Construction Costs
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	TBD, depending on work load
Other	\$10,000	0.42%	\$0	\$0	\$10,000	\$10,000	Bidding and misc. cost
Total	\$2,400,000	99.20%	\$0	\$0	\$2,380,700	\$2,380,700	99.20%

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD	Estimated
Contract Award	TBD	Estimated
NTP Date	TBD	Estimated
End Construction	TBD	Estimated



Appendix C

Engineering CIP Sheets

CIP PROJECT BUDGET

<i>Project Name:</i>	Totem Lake Sewer System Improvements - Hollywood Pump Station Bypass		
<i>Project Type</i>	Facility		
<i>Lead Agency</i>	NUD		
<i>Project No.</i>	C2308		
<i>Contract No.</i>	N/A		
		<i>Location</i>	City of Kirkland

PROJECT DESCRIPTION (see attached map)

Construction of the Hollywood Pump Station Bypass in the Totem Lake area due to the impacts of the City of Kirkland's rezone which greatly increased the density of the area. This project is related to the Emergency Lift Station project which has been broken out into a separate project due to timing. The Hollywood Pump Station Division option is a diversion that redirects flow from approximately 34 percent of the Totem Lake basin east of I-405 to the King County Wastewater Treatment Division-owned Hollywood Pump Station. This work is primarily funded by the Capital Expansion Connection Charge (CECC), which has collected \$7,013,123 as of 11/17/23, with another \$3,036,669 committed for future projects in review.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$6,000,000	Original budget was \$9M for Emergency LS and Hollywood PS Bypass; \$6M transferred from C2209 - Emergency LS Project
2024	\$0	
Total Budgeted	\$6,000,000	

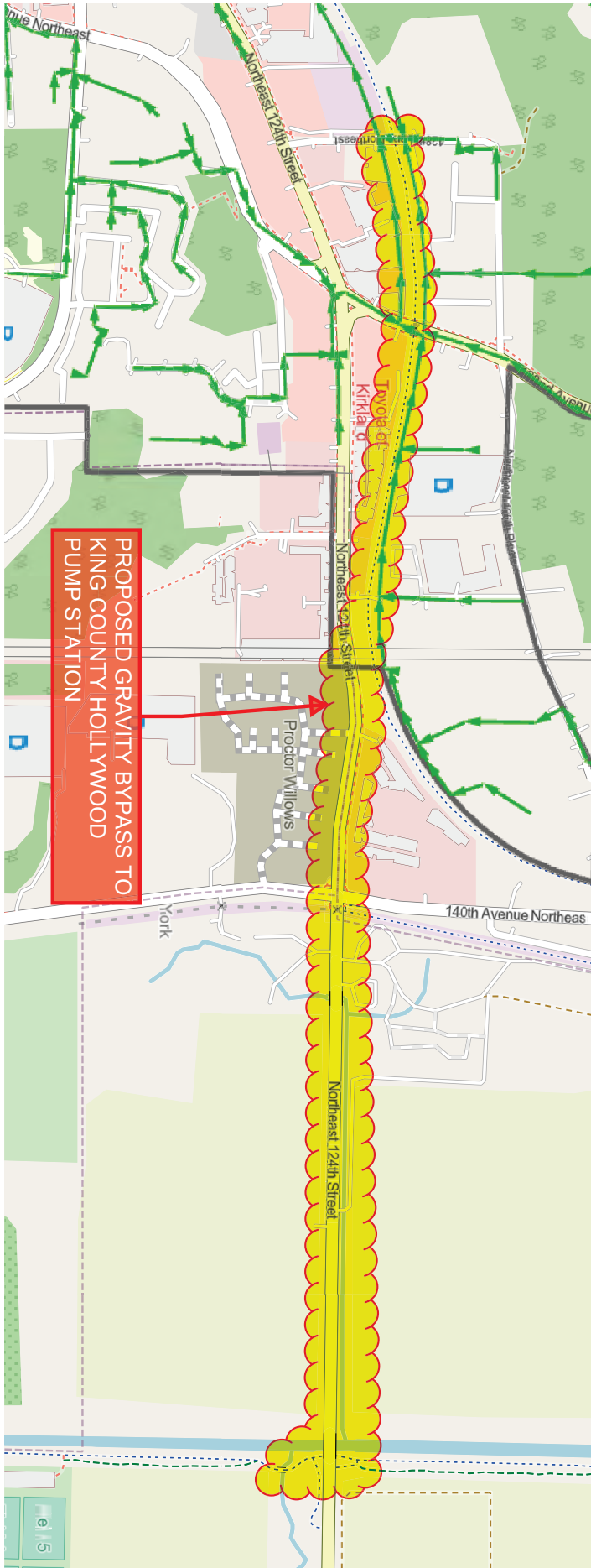
10/26/2023

Budget Breakdown			Expenditure Breakdown					
Purpose	Amount	% of Total	Commitment	Expenditures To Date	Est. Remaining Expenditures	Est. Total Expenditures	% of Total	Notes
Design	\$0	0.00%	\$665,300	\$0	\$665,300	\$665,300	11.09%	G&O
Permitting	\$0	0.00%	\$0	\$0	\$50,000	\$50,000	0.83%	
Easements	\$0	0.00%	\$0	\$0	\$100,000	\$100,000	1.67%	
Construction	\$0	0.00%	\$0	\$0	\$4,250,000	\$4,250,000	70.83%	
Contingency	\$0	0.00%	\$0	\$0	\$850,000	\$850,000	14.17%	20% of Construction costs
CM / Inspection	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	TBD
Other	\$0	0.00%	\$0	\$0	\$0	\$0	0.00%	
Total	\$6,000,000	0.00%	\$665,300	\$0	\$5,915,300	\$5,915,300	98.59%	

CONSTRUCTION CONTRACT TIMING

Bid Opening	TBD
Contract Award	TBD
NTP Date	TBD
End Construction	TBD

**C2308 - TOTEM LAKE SEWER SYSTEM IMPROVEMENTS
KING COUNTY HOLLYWOOD PUMP STATION BYPASS**



CIP PROJECT BUDGET

<i>Project Name:</i>	Water Budget Contingency
<i>Project Type</i>	N/A
<i>Lead Agency</i>	NUD
<i>Project No.</i>	N/A
<i>Contract No.</i>	N/A

PROJECT DESCRIPTION
Contingency budget item for water system projects.

PROJECT BUDGET		
CIP Budget	Amount	Notes
Year		
Previous	\$600,000	
2024	\$411,000	
Total Budgeted	\$600,000	

Budget Breakdown		
Purpose	Budget Amount	Date
Budget Transfer	\$200,000	4/11/2023
Budget Transfer	\$200,000	5/9/2023
Budget Transfer	\$11,000	6/14/2023
Budget Transfer		
Budget Transfer		
Budget Transfer		
Budget Transfer		
Total Transfer	\$411,000	

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CIP PROJECT BUDGET*Project Name:* **Sewer Budget Contingency***Project Type***N/A***Lead Agency***NUD***Project No.***N/A***Contract No.***N/A****PROJECT DESCRIPTION**

Contingency budget item for sewer system projects.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$600,000	
2024	\$486,000	
Total Budgeted	\$600,000	

Budget Breakdown			Notes
Purpose	Budget Amount	Date	
Budget Transfer	\$11,000	6/14/2023	For close-out of Juanita Dr. Improvements Project (C1804)
Budget Transfer	\$475,000	7/17/2023	Additional budget for force account work on the Sewer Repair Project (C2102)
Budget Transfer			
Budget Transfer			
Budget Transfer			
Budget Transfer			
Budget Transfer			
Total Transfer	\$486,000		

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CIP PROJECT BUDGET

Project Name:	Truck #62 Replacement: Mid-sized Passenger Vehicle		
Project Type	Vehicle Replacement		
Project No.			
Contract No.	PRO-TBD		

PROJECT DESCRIPTION (Pictures as applicable)

Replacement a 1999 Chevy Lumina passenger vehicle. This car is at the end of its useful life at 24 years old with 92,000 miles. The existing Truck 62 will be sold once the new vehicle is in service.
--

PROJECT BUDGET

CIP Budget Year	Amount	Notes
Previous	\$60,000	Previous budget amount was \$60,000. Replace with AWD Prius.
2024		Reduced carryover from 2023 Budget
Total Budgeted	\$40,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

Truck #72 Replacement: Mid-Size SUV

Project Type

Vehicle Replacement

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

Replacement a 2003 Chevy Trailblazer SUV with 155,000 miles. This vehicle is at the end of its useful life and the. The existing Truck 72 will be sold once the new vehicle is in service.

PROJECT BUDGET

CIP Budget Year	Amount	Notes
Previous	\$50,000	
2024		Reduced carryover from 2023 Budget
Total Budgeted	\$42,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck #80 Replacement: Light-duty Truck		
Project Type	Vehicle Replacement		
Project No.	C2401		
Contract No.	PRO-TBD		

PROJECT DESCRIPTION (Pictures as applicable)	
Replacement a 2008 Chevy Colorado truck with 220,000 miles. This truck is at the end of its useful life and the District has spent over \$7,000 maintaining this vehicle over the past 5 years, including replacement of the transmission in 2019. The existing Truck 80 will be sold once the new vehicle is in service.	

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$50,000	Previous budget was \$50,000.
2024		Reduced carryover from 2023 Budget
Total Budgeted	\$45,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck #95 Replacement: Light-Duty Truck
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Replacement a 2012 Chevy Colorado truck with 113,000 miles. This truck is at the end of its useful life. The existing Truck 95 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$50,000	Previous budget was \$50,000.
2024		Reduced carryover from 2023 Budget
Total Budgeted	\$45,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

Truck # 90 Replacement: Electric Truck (Mid-Size)

Project Type

Vehicle Replacement

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

Replacement a 2008 Chevy Colorado truck with 220,000 miles. This truck is at the end of its useful life and the District has spent over \$7,000 maintaining this vehicle over the past 5 years, including replacement of the transmission in 2019. The existing Truck 80 will be sold once the new vehicle is in service. This replacement vehicle order was cancelled by the manufacture and re-ordered. The Board approved the reorder on 9/12/2022. The new vehicle is currently at the dealership getting the final work prior to pickup. This will not take place until January of 2024.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$61,000	
2024		
Total Budgeted	\$61,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Boat Motor Replacements	
Project Type	Fleet Rehabilitation	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

The existing motors will be sold once the new motors are replaced.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$30,000	
2024	\$0	
Total Budgeted	\$30,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Boat Pontoon Addition	
Project Type	Fleet Rehabilitation	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

Add a third pontoon to increase maximum gross load.

--

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$15,000	
2024		
Total Budgeted	\$15,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck #89 Replacement: Cargo Van
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Replacement a 2010 GMC Canyon truck with 122,000 miles. This truck is at the end of its useful life. The existing Truck 89 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$37,000	Ford Transit is no longer available.
2024	\$0	
Total Budgeted	\$37,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck # 71 Replacement: Cargo Van
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Replacement 2003 Workhorse van with 79,000 miles. This van is at the end of its useful life. The existing Truck 71 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$85,000	
Total Budgeted	\$85,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck # 76 Replacement: Cargo Van
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Replacement 2004 Chevy Astrovan with 79,000 miles. This van is at the end of its useful life. The existing Truck 76 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$85,000	
Total Budgeted	\$85,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck # 59 Replacement: Sewer Jet Truck
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

Replacement 1999 GMC C8500 (sewer jet truck) with 41,000 miles. These vehicles have a 20 year life span. The tank has been welded multiple times. The jetter pump has had a full replacement and it is currently leaking and will require another rebuild. The GMC chasis is losing parts availability from the manufacture. This vehicle is at the end of its useful life. The District's Fleet Replacement Scoring Matrix has this listed at the highest level of "Replace ASAP". The existing Truck 59 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$475,000	
Total Budgeted	\$475,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Truck # 56 Replacement: Dump Truck
Project Type	Vehicle Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

Replacement of the 1999 GMC C8500 (10 yard dump truck) with 41,000 miles. It is proving difficult to get parts from the manufacture for repair or replacement. This vehicle is at the end of its useful life. The District's Fleet Replacement Scoring Matrix has this listed at the highest level of "Replace ASAP". The existing Truck 56 will be sold once the new vehicle is in service.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$285,000	
Total Budgeted	\$285,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Asphalt Hot Box	
Project Type	Equipment Replacement	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)
The existing Patch King asphalt hot box is over 15 years old and is well beyond it's useful life. The new asphalt hot box would be mounted into our existing truck 96, 10 yard dump truck. This would be a direct replacement of our current Patch King. This is an 8 cubic yard box with the tack tank attached.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$260,000	
2024		Reduced carryover from 2023 Budget
Total Budgeted	\$90,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Telemetry Radio Upgrade Project
Project Type	Scada Communication and Modization
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
The District's Scada radios are at end of life and communicate over a serial connection which is not commonly used anymore. Replacing radio's will allow for more reliable communications because each site will end up with a cell modem and radio device. This is the 3rd part in the Scada replacement project to update and seprate the network.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$50,000	
2024	\$325,000	
Total Budgeted	\$375,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Wireless Modems and Antenna for Water Sites		
Project Type	Server Equipment		
Project No.			
Contract No.			

PROJECT DESCRIPTION (Pictures as applicable)

The water site locations are currently using a Ziply Metro Ethernet connection to communicate between each other and HQ for SCADA traffic. This purchase will allow NUD to switch to more cost effective cellular connections at each location, greatly reducing the cost of Internet services at all water sites. This is the 2nd part in the Scada replacement project to update and seprate the network.

PROJECT BUDGET			
CIP Budget			
Year	Amount	Notes	
Previous	\$20,000		
2024	\$17,000		
Total Budgeted	\$37,000		

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Scada PLC Replacements	
Project Type	Hardware Replacement	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

The District has sunseted Allen Bradley PLCs (computers) at Inglemoor and HQ the Distirct also has a majority of Direct Logic controls that are difficult to find consultants for support. These controlers are still in place because they are the only devices that support the radio system. This project would happen after the Scada Radio upgrade project, unless we have a hardware failure.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$65,000	Includes and combines Inglemoor PLC upgrade and 104th FVC upgrades
2024	\$20,000	
Total Budgeted	\$85,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Lift Station 1 Bubbler Upgrade
Project Type	Hardware Improvement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Lift Station 1 has a bubbler system that needs to be modierized to a transducier system with float back ups. This configuration is the district standard. This is an inhouse project that part of the work would be completed by outside venders.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$15,000	
2024	\$10,000	
Total Budgeted	\$25,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Scada Hardware Upgrade		
Project Type	Server Replacement		
Project No.			
Contract No.			

PROJECT DESCRIPTION (Pictures as applicable)
The District's scada servers are end of life and alarm call software (Win-911) is sunseted. This project will also improve redundancy by having a second scada sever as a live backup. This project started in 2023 and will be completed in early 2024.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$56,000	
2024	\$0	
Total Budgeted	\$56,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Scada Contingency	
Project Type	Emergency Replacement	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

The District's Scada system is near end of life and failures could happen.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$30,000	
2024		
Total Budgeted	\$30,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Camera Purchase / Access Control	
Project Type	Facility Security	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

Additional cameras may be needed post facility remodel. With the changes in the front reception area, additional camera angles are needed.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$20,000	
2024	\$0	
Total Budgeted	\$20,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Exercise Equipment	
Project Type	Employee Wellness	
Project No.	C2401	
Contract No.	PRO-TBD	

PROJECT DESCRIPTION (Pictures as applicable)

Additional exercise equipment.

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$5,000	
2024	\$0	
Total Budgeted	\$5,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Facility Art Additions
Project Type	Facility Art Additions
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

Inside and outside art post remodel.

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$60,000	
2024	\$0	
Total Budgeted	\$60,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Electric Vehicle Charging Station	
Project Type	Facility Additions	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)
With the new EV purchase, either a new or upgraded charging station will be needed.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$30,000	
2024	\$0	
Total Budgeted	\$30,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:		HQ Parking Security Upgrades	
Project Type		Facility Additions	
Project No.			
Contract No.			

PROJECT DESCRIPTION (Pictures as applicable)	
With the new apartment complexes on the neighboring property to the south, there are concerns about parking situations and the potential for an additional gate or fencing.	

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$100,000	
2024		
Total Budgeted	\$100,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Ground Penetrating Radar	
Project Type	Equipment Replacement	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)

The current ground penetrating radar is approximately

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$30,000	
2024	\$7,500	
Total Budgeted	\$37,500	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Sewer Camera Replacement
Project Type	Equipment Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

Replace 13 year old sewer camera. Lifespan is 10 years. We are paying double the average to maintain the current unit.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$40,000	Previous was \$40,000. New quote received.
2024	\$0	Reduced carryover from 2023 Budget
Total Budgeted	\$35,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Shoring Box	
Project Type	Equipment Purchase	
Project No.		
Contract No.		

PROJECT DESCRIPTION (Pictures as applicable)
Supplemental sizing for safer operations in trenches. This is a missing size in our current configuration. It will be lighter and safer to move with current district equipment.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$20,000	
2024	\$0	
Total Budgeted	\$20,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Sewer Cleaning Nozzles
Project Type	Equipment Purchases/Replacements
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Purchase 4-5 new sewer cleaning nozzles for different cleaning applications. We also need to replace a nozzle. We have not purchased a nozzle in 6 years.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$10,000	
2024	\$5,000	
Total Budgeted	\$15,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Sewer Bypass Hose & Fittings
Project Type	Equipment Purchase
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
Need was discovered during incidents during 405 project and tottem lake trunk bypass. Equipment purchased would be hoses, ramps and connectors.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$25,000	
2024	\$0	
Total Budgeted	\$25,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Water Quality Equipment
Project Type	Equipment Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)
This is to replace the last CL-17 that is over 15 years old. The rest of the ones purchased in this time have already failed.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$10,000	
2024	\$0	
Total Budgeted	\$10,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Water Meter Reading Equipment
Project Type	Equipment Purchase/Replacement
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

Replace the current meter reading laptop. Purchase an additional reading Trimble.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$15,000	Previous budget was \$15,000. New quote received.
2024	\$5,000	
Total Budgeted	\$20,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name: Wireless Modems and Antenna for Water Sites

Project Type

Project No.

Contract No.

Server Equipment

PROJECT DESCRIPTION (Pictures as applicable)

The water site locations are currently using a Ziplly Metro Ethernet connection to communicate between each other and HQ for SCADA traffic. This purchase will allow NUD to switch to more cost effective cellular connections at each location, greatly reducing the cost of Internet services at all water sites.

PROJECT BUDGET

CIP Budget	Amount	Notes
Year		
Previous	\$0	
2024	\$30,000	
Total Budgeted	\$30,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

APC Battery Replacement Schedule

Project Type

Server Equipment

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

The APC-brand Uninterruptable Power Supply (UPS) batteries need to be replaced about every 4 years. Two batteries in the Server Room and several smaller batteries in other locations are at their replacement lifecycle. Batteries kept beyond their useful lifecycle only briefly hold a charge and may expand in size if not replaced.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$16,000	
Total Budgeted	\$16,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:		Check Scanning Hardware	
Project Type		Server Equipment	
Project No.			
Contract No.			

PROJECT DESCRIPTION (Pictures as applicable)

The check scanning hardware is older and limits our ability to change vendors for the software that runs it.

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$5,000	
Total Budgeted	\$5,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Dark Fiber - HQ to Inglemoor
Project Type	Network Connectivity
Project No.	
Contract No.	

PROJECT DESCRIPTION (Pictures as applicable)

The Dark Fiber project provides a high speed connection between HQ and Inglemoor. After installation, the backup solution and some primary storage will be relocated to Inglemoor to protect it against physical damage at HQ. This project will require permits, network switching hardware, professional installation of the fiber cables, and professional services to help verify connectivity. If the School District option falls through, these funds could instead be used to purchase a connection from Ziply.

PROJECT BUDGET

CIP Budget		
Year	Amount	Notes
Previous	\$0	
2024	\$40,000	
Total Budgeted	\$40,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

Replace SCADA Servers - Labor

Project Type

Professional Services

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

The SCADA network physical separation will require assistance from either our SCADA vendor or a professional services company to assist with further isolating the network. Part of this money may be eligible for a refund via a grant in 2024.

PROJECT BUDGET			
CIP Budget			
Year	Amount	Notes	
Previous	\$0		
2024	\$25,000		
Total Budgeted	\$25,000		

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

Replacement Backup Appliance

Project Type

Server Equipment

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

Once the Inglemoor Dark Fiber connection is complete, a new backup appliance could be purchased to improve our ability to operate out of a remote location in an emergency. This would permit NUD to power on critical servers and run them out of the Inglemoor location for an extended period in the event of a major incident at HQ. Additionally, the hardware provides an immutable offsite backup of critical NUD data.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$30,000	
2024	\$15,000	2023 estimate from one vendor was \$36,166 including tax. Increasing amount in 2024 to fully fund a purchase
Total Budgeted	\$45,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:

SCADA Network Separation Hardware

Project Type

Network Equipment

Project No.

Contract No.

PROJECT DESCRIPTION (Pictures as applicable)

The network hardware that connects the SCADA servers and Verkada cameras at the water site locations is near or at end of life. These costs include the purchase of replacement network switches and outdoor-rated firewalls to connect the cameras. The firewalls will include LTE capability, negating the need to purchase separate Sierra or Cradlepoint hardware for Internet connectivity.

PROJECT BUDGET		
CIP Budget		
Year	Amount	Notes
Previous	\$15,000	Equipment to be purchased in 2024 because of delays in receiving new servers from vendor
2024	\$30,000	Purchase of firewalls for all water locations
Total Budgeted	\$45,000	

CONSTRUCTION CONTRACT TIMING

CIP PROJECT BUDGET

Project Name:	Security Changes from Risk Assessment		
Project Type	Server or Network Equipment		
Project No.			
Contract No.			

PROJECT DESCRIPTION (Pictures as applicable)
A risk assessment will usually have recommendations on how to improve the security posture for an organization.

PROJECT BUDGET			
CIP Budget			
Year	Amount	Notes	
Previous	\$18,000		
2024	\$0		
Total Budgeted	\$18,000		

CONSTRUCTION CONTRACT TIMING
