



**CITY OF PUYALLUP  
ENGINEERING SERVICES  
ESTIMATE OF COST**

**ON-SITE**

**DATE:** 5/14/2024 **ESTIMATOR:** Todd Sawin  
**PROJECT NAME & LOCATION:** \_\_\_\_\_  
ETC Phase 2 Civil **TELEPHONE #:** 253.363.3836

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	0	0.00
DRIVE APPROACH	SY	\$55.00	0	0.00
SIDEWALK	SY	\$35.00	1339	46,861.11
WHEEL CHAIR RAMP	LS	\$2,800.00	8	22,400.00
MONUMENT	EA	\$650.00	1	650.00
STREET SIGN	EA	\$280.00	0	0.00
WARNING SIGN	EA	\$230.00	0	0.00
PERMANENT BARRICADE	EA	\$850.00	0	0.00
STREET LIGHT	EA	\$5,500.00	0	0.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	0	0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00	0	0.00
GRAVEL BASE	TON	\$25.00	943	23,566.02
TOP COURSE	TON	\$30.00	471	14,139.61
CLASS B ASPHALT CONCRETE	TON	\$95.00	782	74,275.49
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	0	0.00
ROUGH GRADING	CY	\$3.00	0	0.00
MISC. ITEMS				0.00
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<b>STORM DRAINAGE</b>				<b>0.00</b>
48" STORM SEWER MANHOLE	EA	\$3,605.00		0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00		0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00		0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00		0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00		0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00		0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00	1	4,900.00
CATCH BASIN TYPE I	EA	\$1,800.00	5	9,000.00
CATCH BASIN TYPE II	EA	\$3,550.00	2	7,100.00
12" PVC	LF	\$65.00	218	14,170.00
18" PVC	LF	\$85.00		0.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00	88	11,000.00
30" PVC	LF	\$150.00		0.00
36" RCP	LF	\$275.00		0.00
42" RCP	LF	\$350.00		0.00
48" RCP	LF	\$440.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00		0.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
EROSION CONTROL	SF	\$0.50		0.00
SITE STABILIZATION	SF	\$1.70		0.00
BIOPOD	EA	\$30,000.00	6	180,000.00
DETENTION TANK SYSTEM	CF	\$5.00	17424	87,120.00

<b>WATER</b>	<b>UNIT</b>	<b>UNIT COST</b>	<b>PLAN QUANTITY</b>	<b>TOTAL</b>
3/4" WATER SERVICE / METER	EA	\$850.00		0.00
1" WATER SERVICE / METER	EA	\$1,000.00		0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00		0.00
2" WATER SERVICE / METER	EA	\$2,000.00	2	4,000.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	2	6,800.00
2' BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
8" GATE VALVE	EA	\$820.00		0.00
10" BUTTERFLY VALVE	EA	\$1,300.00		0.00
12" BUTTERFLY VALVE	EA	\$1,500.00		0.00
AIR RELIEF VALVE	EA	\$2,400.00		0.00
8" D.I.P.	LF	\$85.00	563	47,855.00
10" D.I.P.	LF	\$100.00		0.00
12" D.I.P.	LF	\$115.00		0.00
16" D.I.P.	LF	\$145.00		0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00	2	3,900.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00		0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
MISC. ITEMS				0.00
<b>SANITARY</b>				<b>0.00</b>
SANITARY SEWER MANHOLE	EA	\$4,000.00	4	16,000.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00	223	13,380.00
8" SANITARY PVC	LF	\$70.00	154	10,780.00
10" SANITARY PVC	LF	\$75.00		0.00
12" SANITARY PVC	LF	\$90.00		0.00
18" SANITARY PVC	LF	\$100.00		0.00
GREASE INTERCEPTOR	GALLON	\$6.90		0.00
MISC. ITEMS				0.00
<b>RETAINING WALLS</b>				<b>0.00</b>
ROCK RETAINING WALL	S.Y./FACE	\$250.00		0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00		0.00
KEYSTONE WALL	S.F./FACE	\$35.00		0.00
MISC. ITEMS				0.00
<b>MISCELLANEOUS</b>				<b>0.00</b>
RELOCATE POWER POLE/TRANSFORMER				0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00	660	1,980.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
			<b>TOTAL</b>	<b>599,877.23</b>
			<b>20%CONTINGENCY</b>	<b>119,975.45</b>
			<b>GRAND TOTAL</b>	<b>719,852.67</b>