



CITY OF PUYALLUP  
ENGINEERING SERVICES  
ESTIMATE OF COST

**ON-SITE**

DATE: 03/11/2026	ESTIMATOR: Parametris
PERMIT NUMBER: PRCCP20260280	EMAIL: mcraig@parametris.com

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	206	7,210.00
WHEEL CHAIR RAMP	LS	\$2,800.00	0	0.00
MONUMENT	EA	\$650.00	0	0.00
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	51	1,785.00
GRAVEL BASE	TON	\$25.00	60	1,500.00
TOP COURSE	TON	\$30.00	12	360.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	27	2,565.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	0	0.00
PERMEABLE BALLAST/RESERVOIR	TON	\$40.00	0	0.00
PERMEABLE SIDEWALK	SY	\$45.00	0	0.00
PERMEABLE ASPHALT	TON	\$200.00	0	0.00
CHANNELIZATION	LS	\$6,000.00	1	6,000.00
TRAFFIC SIGNAL	LS			0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**STORM DRAINAGE**

ROUGH GRADING	CY	\$3.00	0	0.00
EROSION CONTROL	SF	\$0.50	37740	18,870.00
48" STORM SEWER MANHOLE	EA	\$3,605.00	0	0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00	0	0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00	0	0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00	0	0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00	0	0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00	0	0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00	0	0.00
CATCH BASIN TYPE I	EA	\$1,800.00	5	9,000.00
CATCH BASIN TYPE II	EA	\$3,550.00	0	0.00
6" D.I.P.	LF	\$75.00	0	0.00
8" D.I.P.	LF	\$85.00	0	0.00
12" D.I.P.	LF	\$90.00	0	0.00
8" PVC	LF	\$50.00	0	0.00
12" PVC	LF	\$65.00	0	0.00
18" PVC	LF	\$85.00	0	0.00
21" PVC	LF	\$100.00	0	0.00
24" PVC	LF	\$125.00	0	0.00
30" PVC	LF	\$150.00	0	0.00
36" RCP	LF	\$275.00	0	0.00
42" RCP	LF	\$350.00	0	0.00
48" RCP	LF	\$440.00	0	0.00
4" OR 6" PERFORATED UNDERDRAIN	LF	\$35.00	18	630.00
CLEANOUTS	EA	\$425.00	2	850.00
DISPERSION TRENCH	LF	\$110.00	0	0.00
BIOSWALE / DETENTION POND	CF	\$2.00	0	0.00
COMPOST / COALESCE FILTER	LF	\$7.70	0	0.00
CATCH BASIN FILTER	EA	\$9,500.00	0	0.00
MODULAR WETLAND	EA	\$15,000.00	0	0.00
6" PVC	LF	\$50.00	370	18,500.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**WATER**

UNIT	UNIT COST	PLAN QUANTITY	TOTAL	
3/4" WATER SERVICE / METER	EA	\$850.00	0	0.00
1" WATER SERVICE / METER	EA	\$1,000.00	0	0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00	0	0.00
2" WATER SERVICE / METER	EA	\$2,000.00	0	0.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	0	0.00
2" BLOW OFF ASSEMBLY	EA	\$2,000.00	0	0.00
6" GATE VALVE	EA	\$750.00	0	0.00
8" GATE VALVE	EA	\$820.00	0	0.00
10" BUTTERFLY VALVE	EA	\$1,300.00	0	0.00
12" BUTTERFLY VALVE	EA	\$1,500.00	0	0.00
AIR RELIEF VALVE	EA	\$2,400.00	0	0.00
6" D.I.P.	LF	\$75.00	0	0.00
8" D.I.P.	LF	\$85.00	0	0.00
10" D.I.P.	LF	\$100.00	0	0.00
12" D.I.P.	LF	\$115.00	0	0.00
16" D.I.P.	LF	\$145.00	0	0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00	0	0.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00	0	0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00	0	0.00
6" DOUBLE DETECTOR CHECK	EA	\$7,500.00	0	0.00
ADJUST WM TO GRADE	EA	\$50.00	0	0.00
8" DOUBLE DETECTOR CHECK	EA	\$9,000.00	1	9,000.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**SANITARY**

SANITARY SEWER MANHOLE	EA	\$4,000.00	0	0.00
DROP MANHOLE	EA	\$5,000.00	0	0.00
TERMINAL CLEAN OUT	EA	\$425.00	4	1,700.00
SIDE SEWER	LF	\$60.00	200	12,000.00
8" SANITARY PVC	LF	\$70.00	80	5,600.00
10" SANITARY PVC	LF	\$75.00	0	0.00
12" SANITARY PVC	LF	\$90.00	0	0.00
18" SANITARY PVC	LF	\$100.00	0	0.00
GREASE INTERCEPTOR	GALLON	\$6.90	0	0.00
OIL/WATER SEPARATOR	GALLON	\$6.90	100	690.00
TYPE I CATCH BASIN	EA	\$1,800.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**RETAINING WALLS**

ROCK RETAINING WALL	S.Y./FACE	\$250.00	0	0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00	0	0.00
KEYSTONE WALL	S.F./FACE	\$35.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**MISCELLANEOUS**

RELOCATE POWER POLE TRANSFORMER			0	0.00
PRIVATE UTILITY TRENCHING	LF	\$3.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

TOTAL	96,260.00
20% CONTINGENCY	19,252.00
<b>GRAND TOTAL</b>	<b>115,512.00</b>



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STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	690	13,110.00
DRIVE APPROACH	SY	\$55.00	29	1,595.00
SIDEWALK	SY	\$35.00	548	19,180.00
WHEEL CHAIR RAMP	EA	\$2,800.00	6	16,800.00
MONUMENT	EA	\$650.00	0	0.00
STREET SIGN	EA	\$280.00	6	1,680.00
WARNING SIGN	EA	\$230.00	0	0.00
PERMANENT BARRICADE	EA	\$850.00	0	0.00
STREET LIGHT	EA	\$5,500.00	1	5,500.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	0	0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00	300	10,500.00
GRAVEL BASE	TON	\$25.00	186	4,650.00
TOP COURSE	TON	\$30.00	38	1,140.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	278	26,410.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	1	425.00
PERMEABLE BALLAST/RESERVOIR	TON	\$40.00	0	0.00
PERMEABLE SIDEWALK	SY	\$45.00	0	0.00
PERMEABLE ASPHALT	TON	\$200.00	0	0.00
CHANNELIZATION	LS	\$2,000.00	1	2,000.00
TRAFFIC SIGNAL	LS			0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**STORM DRAINAGE**

ROUGH GRADING	CY	\$3.00	0	0.00
EROSION CONTROL	SF	\$0.50	23230	11,615.00
48" STORM SEWER MANHOLE	EA	\$3,605.00	0	0.00
54" STORM SEWER MANHOLE	EA	\$4,265.00	0	0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00	0	0.00
72" STORM SEWER MANHOLE	EA	\$7,615.00	0	0.00
84" STORM SEWER MANHOLE	EA	\$10,150.00	0	0.00
96" STORM SEWER MANHOLE	EA	\$14,720.00	0	0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00	0	0.00
CATCH BASIN TYPE I	EA	\$1,800.00	1	1,800.00
CATCH BASIN TYPE II	EA	\$3,550.00	0	0.00
6" D.I.P.	LF	\$75.00	0	0.00
8" D.I.P.	LF	\$85.00	0	0.00
12" D.I.P.	LF	\$90.00	0	0.00
8" PVC	LF	\$50.00	0	0.00
12" PVC	LF	\$65.00	66	4,290.00
18" PVC	LF	\$85.00	0	0.00
21" PVC	LF	\$100.00	0	0.00
24" PVC	LF	\$125.00	0	0.00
30" PVC	LF	\$150.00	0	0.00
36" RCP	LF	\$275.00	0	0.00
42" RCP	LF	\$350.00	0	0.00
48" RCP	LF	\$440.00	0	0.00
4" OR 6" PERFORATED UNDERDRAIN	LF	\$35.00	240	8,400.00
CLEANOUTS	EA	\$425.00	11	4,675.00
DISPERSION TRENCH	LF	\$110.00	0	0.00
BIOSWALE / DETENTION POND	CF	\$2.00	0	0.00
COMPOST / COALESCE FILTER	LF	\$7.70	0	0.00
CATCH BASIN FILTER	EA	\$9,500.00	0	0.00
MODULAR WETLAND	EA	\$15,000.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**WATER**

UNIT	UNIT COST	PLAN QUANTITY	TOTAL	
3/4" WATER SERVICE / METER	EA	\$850.00	0	0.00
1" WATER SERVICE / METER	EA	\$1,000.00	0	0.00
1 1/2" WATER SERVICE / METER	EA	\$1,430.00	0	0.00
2" WATER SERVICE / METER	EA	\$2,000.00	0	0.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	1	3,400.00
2" BLOW OFF ASSEMBLY	EA	\$2,000.00	0	0.00
6" GATE VALVE	EA	\$750.00	0	0.00
8" GATE VALVE	EA	\$820.00	0	0.00
10" BUTTERFLY VALVE	EA	\$1,300.00	0	0.00
12" BUTTERFLY VALVE	EA	\$1,500.00	0	0.00
AIR RELIEF VALVE	EA	\$2,400.00	0	0.00
6" D.I.P.	LF	\$75.00	0	0.00
8" D.I.P.	LF	\$85.00	79	6,715.00
10" D.I.P.	LF	\$100.00	0	0.00
12" D.I.P.	LF	\$115.00	0	0.00
16" D.I.P.	LF	\$145.00	0	0.00
2" DOUBLE CHECK ASSEMBLY	EA	\$1,950.00	0	0.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00	0	0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00	0	0.00
6" DOUBLE DETECTOR CHECK	EA	\$7,500.00	0	0.00
ADJUST WM TO GRADE	EA	\$50.00	0	0.00
4" D.I.P.	LF	\$75.00	121	9,075.00
4" REDUCED PRESSURE ASSEMBLY	EA	\$3,750.00	1	3,750.00
3" WATER SERVICE METER / VAULT	EA	\$4,000.00	1	4,000.00

**SANITARY**

SANITARY SEWER MANHOLE	EA	\$4,000.00	1	4,000.00
DROP MANHOLE	EA	\$5,000.00	0	0.00
TERMINAL CLEAN OUT	EA	\$425.00	0	0.00
SIDE SEWER	LF	\$60.00	0	0.00
8" SANITARY PVC	LF	\$70.00	179	12,530.00
10" SANITARY PVC	LF	\$75.00	0	0.00
12" SANITARY PVC	LF	\$90.00	0	0.00
18" SANITARY PVC	LF	\$100.00	0	0.00
GREASE INTERCEPTOR	GALLON	\$6.90	0	0.00
OIL/WATER SEPARATOR	GALLON	\$6.90	0	0.00
TYPE I CATCH BASIN	EA	\$1,800.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**RETAINING WALLS**

ROCK RETAINING WALL	S.Y./FACE	\$250.00	0	0.00
POURED IN PLACE RETAINING WALL	S.Y./FACE	\$250.00	0	0.00
KEYSTONE WALL	S.F./FACE	\$35.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

**MISCELLANEOUS**

RELOCATE POWER POLE TRANSFORMER			0	0.00
PRIVATE UTILITY TRENCHING	LF	\$3.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

TOTAL	176,790.00
20% CONTINGENCY	35,358.00
<b>GRAND TOTAL</b>	<b>212,148.00</b>

Total Valuation	327,660.00
Engineer Inspection Fee (3%)	9,829.80
Required Performance Bond Amt (150%)	265,185.00
<b>TOTAL</b>	<b>602,674.80</b>