



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

SEE CITY REDLINED COST ESTIMATE
DATED 09-01-2022 (MH)

ON-SITE

DATE:	7/29/2022	ESTIMATOR:	Daniel Smith, PE
PROJECT NAME & LOCATION:			
1200 7th Ave SE Puyallup, WA 98374		TELEPHONE #:	253-848-4282

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	0	0.00
DRIVEWAY APPROACH	SY	\$55.00	0	0.00
SIDEWALK	SY	\$35.00	168	5,880.00
WHEEL CURB 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 BARRIER	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 / FILL	CY	\$35.00	0	0.00
GRAVEL BASE	TON	\$25.00	0	0.00
TOP COURSE	TON	\$30.00	0	0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	0	0.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	0	0.00
ROUGH GRADING	CY	\$3.00	873	2,619.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
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	\$5,775.00	0	0.00
72" STORM SEWER MANHOLE	EA	\$7,600.00	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	1	4,900.00
CATCH BASIN TYPE I	EA	\$1,800.00	4	7,200.00
CATCH BASIN TYPE II	EA	\$3,550.00	0	0.00
12" PVC	LF	\$65.00	122	7,930.00
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
BIOSWALL / DETENTION POND	CF	\$2.00	0	0.00
COMPOUND COALESCE FILTER	LF	\$7.70	0	0.00
EROSION CONTROL	SF	\$0.50	10000	5,000.00
60" DETENTION PIPE	LF	\$200.00	514	102,800.00
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	\$2,080.00	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
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
ADJUST WM TO GRADE		\$0.00	0	0.00
MISC. ITEMS				0.00
SANITARY				0.00
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	12	5,100.00
SIDE SEWER	LF	\$60.00	275	16,500.00
8" SANITARY PVC	LF	\$0.00	0	0.00
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
MISC. ITEMS				0.00
RETAINING WALL				0.00
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		0.00
MISC. ITEMS				0.00
MISCELLANEOUS				0.00
RELOCATE POWER POLE/TRANSFORMER			0	0.00
PRIVATE UTILITY TRENCHING	FT	\$3.00	0	0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
			TOTAL	157,911.50
			20%CONTINGENCY	31,582.30
			GRAND TOTAL	189,493.80



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

OFF-SITE

DATE:	5/4/2022	ESTIMATOR:	Daniel Smith, PE
PROJECT NAME & LOCATION:			
1200 7th Ave SE Puyallup, WA 98374	TELEPHONE #:	253-848-4282	

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
CURB & 18" GUTTER	LF	\$19.00	0	0.00
DRIVE APPROACH	SY	\$55.00	57	3,135.00
SIDE WALK	SY	\$35.00	0	0.00
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 / PAUL	CY	\$35.00	0	0.00
GRAVEL BASE	TON	\$25.00	0	0.00
TOP COURSE	TON	\$30.00	0	0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	0	0.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$420.00	0	0.00
ROUGH GRADING	CY	\$5.00	0	0.00
POROUS SHOULDER MIX	TON	\$30.00	40	1,200.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
48" STORM SEWER MANHOLE	EA	\$3,605.00	1	3,605.00
54" STORM SEWER MANHOLE	EA	\$4,265.00	0	0.00
60" STORM SEWER MANHOLE	EA	\$5,075.00	1	5,075.00
72" STORM SEWER MANHOLE	EA	\$7,615.00	0	0.00
84" STORM SEWER MANHOLE	EA	\$11,150.00	0	0.00
96" STORM SEWER MANHOLE	EA	\$14,700.00	0	0.00
FLOW CONTROL MANHOLE	EA	\$4,900.00	0	0.00
CATCH BASIN TYPE I	EA	\$1,800.00	0	0.00
CATCH BASIN TYPE II	EA	\$3,550.00	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
BIORETENTION / DETENTION POND	CF	\$2.00	0	0.00
COMPOST / COALESCE FILTER	LF	\$7.70	0	0.00
EROSION CONTROL	SF	\$0.50	0	0.00
MISC. ITEMS (8" PVC)	LF	\$60.00	44	2,640.00
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	6	6,000.00
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	\$2,080.00	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
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	\$1,600.00	0	0.00
2"	DOUBLE DETECTOR CHECK	EA	\$0.25.00	0	0.00
	ADJUST WM TO GRADE	EA	\$500.00	0	0.00
2"	GATE VALVE	EA	\$200.00	0	0.00
SANITARY					0.00
	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	0	0.00
	SIDE SEWER	LF	\$60.00	39	2,340.00
8"	SANITARY PVC	LF	\$70.00	0	0.00
10"	SANITARY PVC	LF	\$75.00	0	0.00
12"	SANITARY PVC	LF	\$80.00	0	0.00
18"	SANITARY PVC	LF	\$100.00	0	0.00
	GREASE INTERCEPTOR	GALLON	\$6.90	0	0.00
	MISC. ITEMS				0.00
RETAINING WALLS					0.00
	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
MISCELLANEOUS					0.00
	RELOCATE POWER POLE/TRANSFORMER			0	0.00
	PRIVATE UTILITY TRENCHING	FT	\$3.00	0	0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
				TOTAL	27,395.00
				20%CONTINGENCY	5,479.00
				GRAND TOTAL	32,874.00