



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

See Revisions below. If
agreed, no need to resubmit.
[Cost Estimate]

ON-SITE

DATE: 11/3/2022 **ESTIMATOR:** MATT WHITTLESEY, PE
PROJECT NAME & LOCATION: PUYALLUP 2ND STREET APARTMENTS **TELEPHONE #:** 253-383-2422

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00		0.00
DRIVE APPROACH	SY	\$55.00		0.00
SIDEWALK	SY	\$35.00	0 X	0 2,520.00
WHEEL CHAIR RAMP	LS	\$2,800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	2 ✓	560.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00		0.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00		0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00	0 4 0	0 10,750.00
TOP COURSE	TON	\$30.00	0 4 7	0 1,410.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	0 8 3	0 791,635.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00	1,000	3,000 0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
48" STORM SEWER MANHOLE	EA	\$3,605.00		0.00
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		0.00
CATCH BASIN TYPE I	EA	\$1,800.00	5 ✓	9,000.00
CATCH BASIN TYPE II	EA	\$3,550.00		0.00
12" PVC	LF	\$65.00	229 2 4	14,885 14,560.00
18" PVC 12" DI	LF	\$85.00 \$115.00	28	3,220 0.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00		0.00
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	9200 ✓	18,400.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
EROSION CONTROL	SF	\$0.50	37572 ✓	18,786.00
SITE STABILIZATION	SF	\$1.70		0.00
STORMFILTER CATCH BASIN	EA	\$15,000.00	3 ✓	45,000.00
6" PVC	LF	\$20.00	278 ✓	5,560.00

WATER		UNIT	UNIT COST	PLAN QUANTITY	TOTAL
3/4"	WATER SERVICE / METER	EA	\$850.00	1 ✓	850.00
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	1 ✓	2,000.00
	FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	1 ✓	3,400.00
	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		0.00
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 1,950.00
2"	REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00	0 ✗	0 1,625.00
2"	DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
	ADJUST WM TO GRADE	EA	\$500.00		0.00
6"	D.I.P	LF	\$55.00 -\$41.96	168 ✗	9,240 -8,044.80
SANITARY					0.00
	SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
	DROP MANHOLE	EA	\$5,000.00		0.00
	TERMINAL CLEAN OUT	EA	\$425.00	2 ✓	850.00
	SIDE SEWER	LF	\$60.00	10 ✓	600.00
8"	SANITARY PVC	LF	\$70.00		0.00
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
RETAINING WALLS					0.00
	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
MISCELLANEOUS					0.00
	RELOCATE POWER POLE/TRANSFORMER				0.00
	PRIVATE UTILITY TRENCHING	FT	\$3.00		0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
TOTAL					139,251.16 137,500.80
20% CONTINGENCY					27,850.20 187,500.16
GRAND TOTAL					167,101.20 125,000.96



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OFFSITE
[Cost Estimate]

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PROJECT NAME & LOCATION: PUYALLUP 2ND STREET APARTMENTS **TELEPHONE #:** 253-383-2422

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	230 ✓	4,370.00
DRIVE APPROACH	SY	\$55.00	141 ✓	7,755.00
SIDEWALK	SY	\$35.00	426 40	15,400.00
WHEEL CHAIR RAMP	LS	\$2,800.00	4	11,200 0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	5 ✓	1,400.00
WARNING SIGN	EA	\$230.00		0.00
PERMANENT BARRICADE	EA	\$850.00		0.00
STREET LIGHT	EA	\$5,500.00	5 ✓	27,500.00
METER BASE AND PANEL FOR ST LT	EA	\$13,200.00	1	13,200 0.00
ROADWAY EXCAVATION / HAUL	CY	\$35.00		0.00
GRAVEL BASE	TON	\$25.00	77 ✓	1,925.00
TOP COURSE	TON	\$30.00		0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	27 ✓	2,565.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
ROUGH GRADING	CY	\$3.00		0.00
MISC. ITEMS Channelization	LS	\$4,500.00	1	4,500 0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
STORM DRAINAGE				0.00
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		0.00
CATCH BASIN TYPE I	EA	\$1,800.00		0.00
CATCH BASIN TYPE II	EA	\$3,550.00		0.00
12" PVC	LF	\$65.00		0.00
18" PVC	LF	\$85.00		0.00
21" PVC	LF	\$100.00		0.00
24" PVC	LF	\$125.00		0.00
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
STORMFILTER CATCH BASIN	EA			0.00
6" PVC	LF	\$20.00		0.00

WATER		UNIT	UNIT COST	PLAN QUANTITY	TOTAL
3/4"	WATER SERVICE / METER	EA	\$850.00	on Onsite	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	on Onsite	0.00
	FIRE HYDRANT ASSEMBLY	EA	\$3,400.00	1 ✓	3,400.00
	2' BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
8"	GATE VALVE	EA	\$820.00	1 ✗	820 -2,460.00
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		0.00
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	on Onsite	0.00
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
6"	D.I.P	LF	\$55.00 - \$41.90	24 ✗	1,320 -1,759.80
SANITARY					0.00
	SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
	DROP MANHOLE	EA	\$5,000.00		0.00
	TERMINAL CLEAN OUT	EA	\$425.00	1 ✓	425.00
	SIDE SEWER	LF	\$60.00	36 ✓	2,160.00
8"	SANITARY PVC	LF	\$70.00		0.00
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
RETAINING WALLS					0.00
	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
MISCELLANEOUS					0.00
	RELOCATE POWER POLE/TRANSFORMER				0.00
	PRIVATE UTILITY TRENCHING	FT	\$3.00		0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
	MISC. ITEMS				0.00
TOTAL					97,450 71,119.80
20% CONTINGENCY					19,490.00 -14,223.96
GRAND TOTAL					116,940.00 85,343.76