



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

ON-SITE

DATE: 06/02/25	ESTIMATOR: Justin Jones, PE
PERMIT NUMBER:	EMAIL: justin@jnjteam.com

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	55	1,925.00
WHEEL CHAIR RAMP	LS	\$2,800.00	1	2,800.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00	1	280.00
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	268	9,380.00
GRAVEL BASE	TON	\$25.00	12	300.00
TOP COURSE	TON	\$30.00	271	8,130.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	207	19,665.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
PERMEABLE BALLAST/RESERVOIR	TON	\$40.00		0.00
PERMEABLE SIDEWALK	SY	\$45.00		0.00
PERMEABLE ASPHALT	TON	\$200.00		0.00
CHANNELIZATION	LS	\$2,500.00	1	2,500.00
TRAFFIC SIGNAL	LS			0.00
PEDESTRIAN CURB	LF	\$15.00	631	9,465.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

STORM DRAINAGE

ROUGH GRADING	CY	\$3.00	966	2,898.00
EROSION CONTROL	SF	\$0.50	30979	15,489.50
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	4	7,200.00
CATCH BASIN TYPE II	EA	\$3,550.00		0.00
6" D.I.P.	LF	\$75.00		0.00
8" D.I.P.	LF	\$85.00		0.00
12" D.I.P.	LF	\$90.00		0.00
8" PVC	LF	\$50.00		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
4" OR 6" PERFORATED UNDERDRAIN	LF	\$35.00	336	11,760.00
CLEANOUTS	EA	\$425.00	12	5,100.00
DISPERSION TRENCH	LF	\$110.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00	1187	2,374.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
CATCH BASIN FILTER	EA	\$9,500.00		0.00
MODULAR WETLAND	EA	\$15,000.00		0.00
6" PVC	LF	\$45.00	365	16,425.00
INFILTRATION GALLERY	CY	\$50.00	327	16,350.00

WATER	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
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		0.00
FIRE HYDRANT ASSEMBLY	EA	\$3,400.00		0.00
2' BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
6" GATE VALVE	EA	\$750.00		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
6" D.I.P.	LF	\$75.00		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	3,900.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00		0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
6" DOUBLE DETECTOR CHECK	EA	\$7,500.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
2" POLY	LF	\$30.00	16	480.00
	EA			0.00
	EA			0.00

SANITARY

SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00		0.00
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
OIL/WATER SEPARATOR	GALLON	\$6.90		0.00
TYPE 1 CATCH BASIN	EA	\$1,800.00		0.00
6" PVC	LF	\$50.00	13	635.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

RETAINING WALLS

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
MISC. ITEMS				0.00
MISC. ITEMS				0.00

MISCELLANEOUS

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

MISC. ITEMS				0.00
TOTAL				137,356.50
20% CONTINGENCY				27,471.30
GRAND TOTAL				164,827.80



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STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	170	3,230.00
DRIVE APPROACH	SY	\$55.00	45	2,475.00
SIDEWALK	SY	\$35.00	151	5,285.00
WHEEL CHAIR RAMP	EA	\$2,800.00		0.00
MONUMENT	EA	\$650.00		0.00
STREET SIGN	EA	\$280.00		0.00
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	164	5,740.00
GRAVEL BASE	TON	\$25.00	63	1,575.00
TOP COURSE	TON	\$30.00		0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	107	10,165.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00		0.00
PERMEABLE BALLAST/RESERVOIR	TON	\$40.00		0.00
PERMEABLE SIDEWALK	SY	\$45.00		0.00
PERMEABLE ASPHALT	TON	\$200.00		0.00
CHANNELIZATION	LS	\$5,000.00	1	5,000.00
TRAFFIC SIGNAL	LS			0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

STORM DRAINAGE

ROUGH GRADING	CY	\$3.00	164	492.00
EROSION CONTROL	SF	\$0.50		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	1	1,800.00
CATCH BASIN TYPE II	EA	\$3,550.00	2	7,100.00
6" D.I.P.	LF	\$75.00		0.00
8" D.I.P.	LF	\$85.00		0.00
12" D.I.P.	LF	\$90.00		0.00
8" PVC	LF	\$50.00		0.00
12" PVC	LF	\$65.00	251	16,341.00
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
4" OR 6" PERFORATED UNDERDRAIN	LF	\$35.00		0.00
CLEANOUTS	EA	\$425.00		0.00
DISPERSION TRENCH	LF	\$110.00		0.00
BIOSWALE / DETENTION POND	CF	\$2.00		0.00
COMPOST / COALESCE FILTER	LF	\$7.70		0.00
CATCH BASIN FILTER	EA	\$9,500.00		0.00
MODULAR WETLAND	EA	\$15,000.00		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		0.00
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	1	3,400.00
2' BLOW OFF ASSEMBLY	EA	\$2,080.00		0.00
6" GATE VALVE	EA	\$750.00		0.00
8" GATE VALVE	EA	\$820.00	3	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
6" D.I.P.	LF	\$75.00	13	975.00
8" D.I.P.	LF	\$85.00	445	37,825.00
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		0.00
2" REDUCED PRESSURE ASSEMBLY	EA	\$1,625.00		0.00
2" DOUBLE DETECTOR CHECK	EA	\$1,625.00		0.00
6" DOUBLE DETECTOR CHECK	EA	\$7,500.00		0.00
ADJUST WM TO GRADE	EA	\$500.00		0.00
2" POLY	LF	\$30.00	36	1,080.00
	EA			0.00
	EA			0.00

SANITARY

SANITARY SEWER MANHOLE	EA	\$4,000.00		0.00
DROP MANHOLE	EA	\$5,000.00		0.00
TERMINAL CLEAN OUT	EA	\$425.00		0.00
SIDE SEWER	LF	\$60.00		0.00
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
OIL/WATER SEPARATOR	GALLON	\$6.90		0.00
TYPE 1 CATCH BASIN	EA	\$1,800.00		0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00
MISC. ITEMS				0.00

RETAINING WALLS

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
MISC. ITEMS				0.00
MISC. ITEMS				0.00

MISCELLANEOUS

RELOCATE POWER POLE/TRANSFORMER				0.00
PRIVATE UTILITY TRENCHING	LF	\$3.00		0.00
	EA			0.00
	EA			0.00
	EA			0.00

	EA		0.00
TOTAL			108,943.00
20% CONTINGENCY			21,788.60
GRAND TOTAL			130,731.60

Total Valuation	295,559.40
Engineer Inspection Fee (3%)	8,866.78
Required Performance Bond Amt (150%)	163,414.50
	TOTAL
	467,840.68