



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

# OFF-SITE

**DATE:** 4/4/2024    **ESTIMATOR:** Christopher Watt  
**PROJECT NAME & LOCATION:** East Town Crossing    **TELEPHONE #:** (253) 383-2422  
Frontage Improvements

STREET	UNIT	UNIT COST	PLAN QUANTITY	TOTAL
6" CURB & 18" GUTTER	LF	\$19.00	415	7,885.00
DRIVE APPROACH	SY	\$55.00	850	46,750.00
SIDEWALK	SY	\$35.00	1120	39,200.00
WHEEL CHAIR RAMP	LS	\$2,800.00	3	8,400.00
MONUMENT	EA	\$650.00	0	0.00
STREET SIGN	EA	\$280.00	1	280.00
WARNING SIGN	EA	\$230.00	0	0.00
PERMANENT BARRICADE	EA	\$850.00	1	850.00
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	25	875.00
GRAVEL BASE	TON	\$25.00	600	15,000.00
TOP COURSE	TON	\$30.00	0	0.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	320	30,400.00
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	0	0.00
ROUGH GRADING	CY	\$3.00	1330	3,990.00
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	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
12" PVC	LF	\$65.00	16	1,040.00
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
BIOSWALE / DETENTION POND	CF	\$2.00	715	1,430.00
COMPOST / COALESCE FILTER	LF	\$7.70	0	0.00
EROSION CONTROL	SF	\$0.50	30500	15,250.00
SITE STABILIZATION	SF	\$1.70	7800	13,260.00
STORMFILTER	EA	\$10,000.00	2	20,000.00
BOX CULVERT	TON	\$450.00	88	39,600.00

<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	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		EA	\$500.00	0	0.00
PLUG AND ABANDON		EA	\$3,000.00	2	6,000.00
<b>SANITARY</b>					<b>0.00</b>
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	0	0.00
8"	SANITARY PVC	LF	\$70.00	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
<b>RETAINING WALLS</b>					<b>0.00</b>
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
<b>MISCELLANEOUS</b>					<b>0.00</b>
RELOCATE POWER POLE/TRANSFORMER					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
<b>TOTAL</b>					<b>252,010.00</b>
<b>20%CONTINGENCY</b>					<b>50,402.00</b>
<b>GRAND TOTAL</b>					<b>302,412.00</b>