



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

ON-SITE

DATE: 04/20/2022		ESTIMATOR: Sitts & Hill Engineers, Inc.
PROJECT NAME & LOCATION:		Hand/Jackson
2022 South Hill Support Campus-Kessler		TELEPHONE #: 253-474-9449
Portable Relocation		
1501 39th Avenue SW, Puyallup 98373		

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	6	192.50
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	0	0.00
GRAVEL BASE	TON	\$25.00	0	0.00
TOP COURSE	TON	\$30.00	69	2,070.00
CLASS B ASPHALT CONCRETE	TON	\$95.00	0	39.90
RAISE M.H. / VALVE BOX TO GRAD	EA	\$425.00	0	0.00
ROUGH GRADING	CY	\$3.00	35	105.00
GRASS SURFACE RESTORATION	SY	\$40.00	158	6,320.00
MISC. ITEMS				0.00
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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	\$5,075.00	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	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
BIOSWALE / DETENTION POND	CF	\$2.00	0	0.00
COMPOST / COALESCE FILTER	LF	\$7.70	0	0.00
EROSION CONTROL	SF	\$0.50	5480	2,740.00
SPLASH BLOCK ASSEMBLY	EA	\$100.00	2	200.00
STRIPPINGS	CY	\$30.00	37	1,110.00

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	EA	\$500.00	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	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	
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				0.00	
PRIVATE UTILITY TRENCHING	FT	\$3.00	0	0.00	
STREET SWEEPING	LS	\$2,500.00	1	2,500.00	
CB PROTECTION	EA	\$500.00	2	1,000.00	
SALVAGE CHAINLINK FENCE AND POS	LF	\$10.00	71	710.00	
				0.00	
TOTAL				16,987.40	
20% CONTINGENCY				3,397.48	
GRAND TOTAL				20,384.88	



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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	
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TOTAL				0.00	
20%CONTINGENCY				0.00	
GRAND TOTAL				0.00	