

HBH Consulting Engineers, Inc
Engineers Estimate
Wynooski Street Outfall

Date: 02/22/2024
Project: Wynooski Street Outfall
Job No.: 2019-015
Client: City of Newberg
Estimated By: ARC/DRS

Item No.	Item	Quantity	Unit	HBH Unit Price	HBH Total Amount
General					
1	Mobilization	1	LS	\$25,687	\$25,687
2	Erosion Control	1	LS	\$9,000	\$9,000
3	Clearing, Grubbing, and Tree Removal	1	LS	\$18,000	\$18,000
4	Excavation and Engineered Fill	204	CY	\$30	\$6,120
5	Stripping	95	CY	\$30	\$2,850
6	Restoration, Reseeding, Trees, and Cleanup	1	LS	\$12,000	\$12,000
7	Demolition	1	LS	\$12,000	\$12,000
				Subtotal	\$85,657
Wynooski Street (Right-of-Way)					
8	Asphalt - 2 x 3" AC Lifts	8	Ton	\$1,600	\$12,800
9	Curb and Gutter	25	LF	\$120	\$3,000
10	5' Sidewalk	85	SF	\$50	\$4,250
11	Traffic Striping and Signage	1	LS	\$1,500	\$1,500
12	Saw Cutting	90	LF	\$15	\$1,350
13	Traffic Control	1	LS	\$8,000	\$8,000
				Subtotal	\$30,900
Storm					
14	60" Water Quality Manhole	1	EA	\$20,000	\$20,000
15	48" Standard Manhole W/ Grate Cover	1	EA	\$13,000	\$13,000
16	Swale Inflow Spreader	1	EA	\$20,000	\$20,000
17	Ditch Inlet (ODOT RD370)	1	EA	\$10,000	\$10,000
18	Catch Basin	1	EA	\$9,500	\$9,500
19	Connect to Existing Catch Basin	2	EA	\$1,500	\$3,000
20	4" PVC Rain Drain Lateral	45	LF	\$200	\$9,000
21	12" PVC D3034 Storm Lateral (W/ Granular Backfill)	8	LF	\$300	\$2,400
22	15" PVC D3034 Storm Main (W/ Granular Backfill)	50	LF	\$320	\$16,000
23	15" PVC D3034 Storm Main (W/ Native Backfill)	190	LF	\$270	\$51,300
24	Storm Drain Cleanout	2	EA	\$900	\$1,800
25	Rip Rap Dissipater Basin	1	LS	\$10,000	\$10,000
				Subtotal	\$166,000
				Total	\$282,557
				10% Contingency	\$28,256
				Grand Total	\$310,813