

City of Diamondhead

Opinion of Probable Cost*

July 2023

Alakoko Drive Deadend

Pay Item	Unit	Quantity	Unit Cost	Total Cost
Mobilization	LS	1	\$ 19,500.00	\$ 19,500.00
Clearing and Grubbing	LS	1	\$ 6,500.00	\$ 6,500.00
Remove Excess Sediment From Road Ditch	LF	350	\$ 19.50	\$ 6,825.00
Removal of Sediment from Culverts	EA	7	\$ 650.00	\$ 4,550.00
Silt Fencing	LF	1000	\$ 6.50	\$ 6,500.00
Seeding and Mulch	LS	1	\$ 6,500.00	\$ 6,500.00
Solid Sodding	SY	100	\$ 13.00	\$ 1,300.00
Traffic Control (Including Temporary Signage)	LS	1	\$ 13,000.00	\$ 13,000.00
Stormwater Detention Facility	LS	1	\$ 32,500.00	\$ 32,500.00
Infrastructure Upgrades	LS	1	\$ 65,000.00	\$ 65,000.00
Topographic Survey	LS	1	\$ 19,500.00	\$ 19,500.00
H&H Analysis - Drainage Study	LS	1	\$ 10,400.00	\$ 10,400.00
			Estimated Construction Costs	\$ 192,100.00
			Engineering Costs 15% (Design, Inspection, Construction Admin)	\$ 28,800.00
			Right-of-Way/Easement Acquisition	\$ 6,500.00
			Permitting	\$ 3,300.00
			15% Contingency	\$ 34,600.00
			Total Estimated Project Cost	\$ 265,300.00

*Cost Estimate was created originally by 2019 Waggoner Stormwater Management Plan and has been adjusted by 30% to account for changes in market conditions

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Bank Stabilization

Pay Item	Unit	Quantity	Unit Cost	Total Cost
Mobilization	LS	1	\$ 100,000.00	\$ 100,000.00
Clearing and Grubbing	AC	7	\$ 6,000.00	\$ 42,000.00
Demolition	LS	1	\$ 54,000.00	\$ 54,000.00
Hydroseeding	AC	7	\$ 2,500.00	\$ 17,500.00
Solid Sodding	SY	3500	\$ 14.00	\$ 49,000.00
Articulating Block on Geotextile Fabric	SY	2200	\$ 85.00	\$ 187,000.00
Riprap (200# 18" Thick)	SY	800	\$ 95.00	\$ 76,000.00
Silt Fence	LF	9500	\$ 5.00	\$ 47,500.00
Check Dams	EA	260	\$ 100.00	\$ 26,000.00
Fence Relocation	LF	2400	\$ 25.00	\$ 60,000.00
Subgrade Preparation	LF	5000	\$ 15.00	\$ 75,000.00
Excess Excavation	CY	5000	\$ 20.00	\$ 100,000.00
Gravel Roadway (6" thick on geotextile fabric)	SY	5400	\$ 30.00	\$ 162,000.00
Topographic and Boundary Surveys	LS	1	\$ 88,000.00	\$ 88,000.00
H&H Analysis - Drainage Study	LS	1	\$ 22,000.00	\$ 22,000.00

Estimated Construction Costs	\$ 1,106,000.00
Engineering Costs 15% (Design, Inspection, Construction, Testings, etc.)	\$ 165,900.00
Right-of-Way/Easement Acquisition	\$ 100,000.00
Permitting	\$ 24,300.00
20% Contingency	\$ 221,200.00
Total Estimated Project Cost	\$ 1,617,400.00

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July 2023

Diamondhead Drive West at Bayou Drive

Pay Item	Unit	Quantity	Unit Cost	Total Cost
Mobilization	LS	1	\$ 13,000.00	\$ 13,000.00
Clearing and Grubbing	LS	1	\$ 6,500.00	\$ 6,500.00
Remove Excess Sediment From Road Ditch	LF	300	\$ 26.00	\$ 7,800.00
Removal of Debris & Vegetation from Ditch	LF	400	\$ 19.50	\$ 7,800.00
Modified Inlets	EA	1	\$ 3,250.00	\$ 3,250.00
18" RCP	LF	50	\$ 78.00	\$ 3,900.00
Headwalls	EA	1	\$ 1,950.00	\$ 1,950.00
Gabion	TONS	40	\$ 97.50	\$ 3,900.00
Filter Fabric	SY	25	\$ 6.50	\$ 162.50
Silt Fencing	LF	100	\$ 6.50	\$ 650.00
Seeding and Mulch	LS	1	\$ 3,250.00	\$ 3,250.00
Traffic Control (Including Temporary Signage)	LS	1	\$ 6,500.00	\$ 6,500.00
Topographic Survey	LS	1	\$ 9,750.00	\$ 9,750.00
H&H Analysis - Drainage Study	LS	1	\$ 3,250.00	\$ 3,250.00

Estimated Construction Costs	\$	71,700.00
Engineering Costs 15% (Design, Inspection, Construction Admin)	\$	10,800.00
Right-of-Way/Easement Acquisition	\$	6,500.00
Permitting	\$	13,000.00
15% Contingency	\$	15,300.00
Total Estimated Project Cost	\$	117,300.00

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