

Title: CONSTRUCTION COST ESTIMATE
Project: IVCS D
Date: 03/20/25

PHASE #1 - GRADING PLAN, HIGHWAY ENCROACHMENT, SWPP IN PLACE

A.	Site Work	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Mobilization	Lump Sum	1	Project	\$20,000.00		\$20,000.00
2	Traffic Control	Lump Sum	1	Project	\$15,000.00		\$15,000.00
3	Clearing & Grubbing	Acres	2	\$3,000.00	\$6,000.00		\$6,000.00
4	Road Reclaimer	Day		\$4,500.00			
5	AC Pulverize, Grade & Reuse	Square Feet		\$0.60			
6	Grade, shape & compact	Square Feet		\$0.15			
7	Imported Borrow (Fill) To SubGrade	Cubic Yards	6000	\$60.00	\$360,000.00		\$360,000.00
8	Site Excavation (Cut) To SubGrade	Cubic Yards	3000	\$40.00	\$120,000.00		\$120,000.00
9	4" CL 3 SubBase Rock - DG	Cubic Yards	8000	\$70.00	\$560,000.00		\$560,000.00
10	6" SubBase Rock (3" Minus)	Cubic Yards		\$28.00			
11	2" CL 2 Base Rock	Cubic Yards		\$60.00			
12	4" CL 2 Base Rock	Cubic Yards		\$60.00			
13	8" CL 2 Base Rock	Cubic Yards	100	\$70.00	\$7,000.00		\$7,000.00
14	9" CL 2 Base Rock	Cubic Yards	270	\$80.00	\$21,600.00		\$21,600.00
15	Saw Cut	Linear Feet	350	\$10.00	\$3,500.00		\$3,500.00
16	Fog Sealant	Square Feet		\$0.20			
17	Prime Coat	Square Yard		\$0.50			
18	4" AC Pavement	Ton	180	\$250.00	\$45,000.00		\$45,000.00
19	Double Chip Seal	Mile		\$25,000.00			
20	Concrete Curb	Linear Feet		\$16.00			
21	Concrete Curb & Gutter	Linear Feet		\$30.00			
22	4" Concrete Pad	Square Feet		\$7.00			
23	6" Concrete Pad	Square Feet		\$12.00			
24	3' Wide Concrete Valley Gutter	Linear Feet		\$25.00			
25	4' Wide Concrete Valley Gutter	Linear Feet		\$30.00			
26	Entryway	Lump Sum		\$5,000.00			
27	Street Signs	Each		\$250.00			
28	Street Lights	Each		\$4,000.00			
29	Concrete Block Retaining Wall	Square Feet		\$12.00			
30	ADA Ramp, Railings, Landings & Domes	Linear Feet		\$400.00			
31	Engineering Fabric	Square Feet	60000	\$0.30	\$18,000.00		\$18,000.00
32							
33							
34							
35							
Street Work Sub Total:					\$1,176,100.00	0	\$1,176,100.00

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B.	Storm Drain System	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	10" ADS	Linear Feet		\$60.00			
2	8" ADS	Linear Feet		\$60.00			
3	18" Culvert Pipe	Linear Feet		\$90.00			
4	8" Overflow	Linear Feet		\$60.00			
5	12" Overflow	Linear Feet		\$60.00			
6	Rocked Inlet & Outlet	Square Feet		\$10.00			
7	Drainage Swale	Linear Feet		\$5.00			
8	Rocked Swale	Linear Feet		\$30.00			
9	Drop Inlet	Each		\$2,100.00			
10	18" Area Drain	Each	4	\$1,800.00	\$7,200.00		\$7,200.00
11	24" Area Drain	Each	1	\$2,000.00	\$2,000.00		\$2,000.00
12	Culvert Flared End Section	Each	4	\$500.00	\$2,000.00		\$2,000.00
13							
14							
Storm Drain System Sub Total:					\$11,200.00	0	\$11,200.00

C.	Water System	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Water Main (2", 1-1/2", 1")	Linear Feet		\$80.00			
2	8" Water Main	Linear Feet		\$100.00			
3	10" Water Main	Linear Feet		\$64.00			
4	2" Valve	Each		\$300.00			
5	8" Valve	Each		\$1,500.00			
6	10" Valve	Each		\$2,100.00			
7	Fire Hydrant	Each		\$2,000.00			
8	Pressure Reducer Valve	Each		\$800.00			
9	2" Check Valve	Each		\$600.00			
10	Water Service	Each		\$2,000.00			
12	Air Release Valve	Each		\$500.00			
13	Gas Line	Linear Feet		\$6.00			
14	Water Tank	Gallon		\$1.25			
15	Hose Bibbs	Each		\$500.00			\$0.00
16							
Water System Sub Total:						0	

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D.	Sewer System	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	3" & 4" Sewer Main	Linear Feet		\$120.00			
2	Sewer Man Hole	Each		\$3,000.00			
3	Sewer Clean Out	Each		\$500.00			
4	2" Force Main	Linear Feet		\$20.00			
5	3" Laterals	Linear Feet		\$20.00			
6	6" Force Main	Linear Feet		\$25.00			
7	2" Valve	Each		\$400.00			
8	4" Valve	Each		\$650.00			
9	6" Valve	Each		\$1,000.00			
10	1200 gal Septic Tank	Each		\$4,000.00			
11	Pump & Pump Vaults	Each		\$12,000.00			
12							
Sewer System Sub Total:						#VALUE!	

E.	Electrical System	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Electrical Conduit	Linear Feet		\$100.00			
2	Telephone Conduit	Linear Feet		\$10.00			
3	Cable TV Conduit	Linear Feet		\$10.00			
4	Boxes & Pads	Each		\$2,500.00			
5	Utility Service	Each		\$150.00			
6	Pulling Wire	Linear Feet		\$20.00			
7	Space Pedestals	Each		\$1,000.00			
8	Meter Main	Each		\$15,000.00			
Electrical System Sub Total:						#VALUE!	

F.	Erosion Control	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Sediment Basin	Square Feet	1870	\$20.00	\$37,400.00		\$37,400.00
2	Infiltration Trench	Linear Feet		\$50.00			
3	Storm Drain Interceptor	Each		\$5,000.00			
4	Hay Bales, Straw Wattles & Silt Fences	Acres	2	\$5,000.00	\$10,000.00		\$10,000.00
5	Rocked Slopes	Ton	560	\$60.00	\$33,600.00		\$33,600.00
6	Hydro Seed, Mulch & Hay Spread	Square Feet	64500	\$0.20	\$12,900.00		\$12,900.00
7							
Erosion Control Sub Total:					\$93,900.00	0	\$93,900.00

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G.	Landscaping	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Fencing	Linear Feet		\$50.00			
2	Bike Paths	Square Feet		\$3,000.00			
3	Tree Planting	Each		\$500.00			
4	General Planting	Square Feet		\$15.00			
5	General Irrigation	Square Feet		\$20.00			
6							
7							
Landscaping Sub Total:						0	

H.	Engineering	Unit	Quantity	Unit Price	Total	Percent Complete	Balance
	Item						
1	Construction Staking	Hourly	20	\$320.00	\$6,400.00		\$6,400.00
2	Inspections & Testing	Hourly	200	\$120.00	\$24,000.00		\$24,000.00
3	Survey Monumentation	Hourly	10	\$320.00	\$3,200.00		\$3,200.00
4							
5							
Engineering Sub Total:					\$33,600.00	0	\$33,600.00

	Total	Percent Complete	Balance
A. Site Work:	\$1,176,100.00	0.00%	\$1,176,100.00
B. Storm Drain:	\$11,200.00	0.00%	\$11,200.00
C. Water System:		0.00%	
D. Sewer System:		0.00%	
E. Electrical System:		0.00%	
F. Erosion Control:	\$93,900.00	0.00%	\$93,900.00
G. Landscaping:		0.00%	
H. Engineering:	\$33,600.00	0.00%	\$33,600.00
Total of A. through H.	\$1,314,800.00	0.00%	\$1,314,800.00
10% Contingencies:	\$131,480.00		
Total Estimate:			\$1,446,280.00