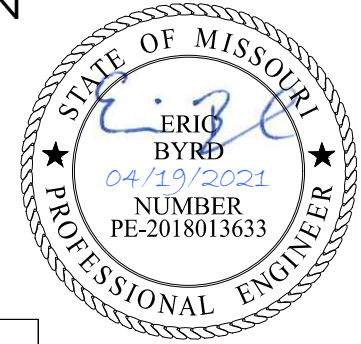


ENGINEER'S OPINION OF
PROBABLE CONSTRUCTION
COSTS

Project: John Knox Village Meadows Phase II Private Improvements

Date: April 19, 2021



No.	Bid Item	Units	Quantity*	Unit Cost	Total Cost
	Erosion Control				
1	Silt fence	LF	1,070	\$1.30	\$1,391.00
2	Inlet protection	EA	9	\$100.00	\$900.00
3	Construction entrance	EA	3	\$1,750.00	\$5,250.00
	Subtotal				\$7,541.00
	Grading				
1	18" LVC Material	Ton	2,700	\$16.00	\$43,200.00
2	Cut/Fill operations	CY	14,000	\$2.00	\$28,000.00
3	Haul off material	CY	2,300	\$12.50	\$28,750.00
	Subtotal				\$99,950.00
	Paving				
1	Traffic control	LS	1	\$5,000.00	\$5,000.00
2	Construction fence	LF	2,200	\$10.00	\$22,000.00
3	Signage	LS	1	\$2,500.00	\$2,500.00
4	Retaining wall	SF	1,075	\$30.00	\$32,250.00
5	Site handrails	LF	610	\$100.00	\$61,000.00
6	Concrete curb and gutter	LF	3,060	\$20.00	\$61,200.00
7	Concrete sidewalk	SF	6,320	\$5.00	\$31,600.00
8	ADA ramp	EA	4	\$1,400.00	\$5,600.00
9	Heavy duty asphalt pavement (6.5")	SY	2,710	\$24.00	\$65,040.00
10	Medium duty asphalt pavement (5.5")	SY	1,235	\$20.00	\$24,700.00
11	Asphalt mill and overlay (2")	SY	1,625	\$12.00	\$19,500.00
12	Concrete drive entrance (8")	SF	1,150	\$12.00	\$13,800.00
13	Fire lane pavers	SF	1,700	\$5.00	\$8,500.00
14	Aggregate base (6")	SY	4,145	\$6.00	\$24,870.00
15	Aggregate base (4")	SY	830	\$4.00	\$3,320.00
16	Flyash treatment (6")	SY	3,945	\$4.00	\$15,780.00
	Subtotal				\$396,660.00
	Utilities				
1	Relocated fire hydrant	EA	1	\$5,000.00	\$5,000.00
2	Fire service line	LF	40	\$60.00	\$2,400.00
3	Domestic water line	LF	44	\$25.00	\$1,100.00
4	Water valves	EA	1	\$1,500.00	\$1,500.00
5	Domestic service tap	EA	1	\$1,000.00	\$1,000.00
6	Fire service tee	EA	1	\$2,000.00	\$2,000.00
7	Irrigation backflow	EA	2	\$1,500.00	\$3,000.00
8	Curb inlet	EA	1	\$5,000.00	\$5,000.00
9	Junction box	EA	1	\$5,000.00	\$5,000.00
10	15" HDPE storm	LF	105	\$40.00	\$4,200.00
11	6" HDPE storm	LF	850	\$20.00	\$17,000.00
12	6" PVC sanitary service	LF	175	\$50.00	\$8,750.00
13	Sanitary wye connection	EA	2	\$500.00	\$1,000.00
14	12" water main	LF	1,380	\$55.00	\$75,900.00
15	12" gate valve	EA	2	\$3,000.00	\$6,000.00
16	12"x6" reducer	EA	1	\$1,000.00	\$1,000.00
17	12" bend	EA	2	\$600.00	\$1,200.00
18	12"x12" tee	EA	2	\$950.00	\$1,900.00
19	12"x8" tee	EA	1	\$800.00	\$800.00
20	12"x8" cross	EA	1	\$1,000.00	\$1,000.00
21	Thrust Block for 12" tee	EA	2	\$140.00	\$280.00
22	Tap existing service lines into 12" main	EA	8	\$1,000.00	\$8,000.00
	Subtotal				\$153,030.00
	Landscaping				
1	Tree	EA	95	\$500.00	\$47,500.00
2	Shrub	EA	315	\$100.00	\$31,500.00
3	Rock mulch	SY	700	\$12.00	\$8,400.00
4	Wood mulch	SY	400	\$9.00	\$3,600.00
5	Seed	SY	5,100	\$1.00	\$5,100.00
6	Sod	SY	3,000	\$4.00	\$12,000.00
	Subtotal				\$108,100.00
				Total:	\$765,281.00

Note: The costs shown on this estimate represent an estimate of probable costs prepared in good faith and with reasonable care. BHC Rhodes has no control over the costs of construction labor, materials, or equipment, nor over competitive bidding or negotiating methods and does not make any commitment or assume any duty to assure that bids or negotiated prices will not vary from this estimate. This estimate does not include costs for right-of-way, utility relocation, and engineering administration.