



7101 College Blvd., Suite 400

Overland Park, KS 66210
(913) 663-1900 - p

ENGINEER'S OPINION OF PROBABLE CONSTRUCTION COSTS

Project: K1 Speed

Date: July 18, 2022

No.	Bid Item	Units	Quantity	Unit Cost	Total Cost
1	Saw-cut Full Depth and Remove Pavement	SY	356	\$ 28.75	\$ 10,222.22
2	2.5" Domestic Water Service Line	LF	126.5	\$ 31.25	\$ 3,953.13
3	Water Meter & Pit	EA	1	\$ 3,125.00	\$ 3,125.00
4	6" Fire Protection Line	LF	413	\$ 43.75	\$ 18,068.75
5	Back Flow Preventor	EA	1	\$ 8,000.00	\$ 8,000.00
6	Fire Hydrant	EA	1	\$ 3,500.00	\$ 3,500.00
7	4" Conduit For Electrical Service	LF	550	\$ 31.25	\$ 17,187.50
8	3 Phase Transformer and Pad	EA	1	\$ 4,375.00	\$ 4,375.00
9	4" Conduit for Communication Service	LF	550	\$ 12.50	\$ 6,875.00
10	6" ID HDPE Roof Drain Service	LF	140	\$ 18.75	\$ 2,625.00
11	15" ID HDPE Storm Sewer	LF	995	\$ 31.25	\$ 31,093.75
12	18" ID HDPE Storm Sewer	LF	171	\$ 37.50	\$ 6,412.50
13	24" ID HDPE Storm Sewer	LF	152	\$ 43.75	\$ 6,650.00
14	18" Nyloplast Drain Basin w/ Grate	EA	5	\$ 3,437.50	\$ 17,187.50
15	24" Nyloplast Drain Basin w/ Grate	EA	5	\$ 3,750.00	\$ 18,750.00
16	30" Nyloplast Drain Basin w/ Grate	EA	5	\$ 4,062.50	\$ 20,312.50
17	Nyloplast Curb Inlet w/ 18" Basin	EA	1	\$ 5,000.00	\$ 5,000.00
18	Nyloplast Curb Inlet w/ 30" Basin	EA	2	\$ 6,250.00	\$ 12,500.00
19	5x5 Concrete Area Inlet w/ Grate	EA	1	\$ 7,500.00	\$ 7,500.00
20	Connect to Existing Inlet	EA	2	\$ 2,500.00	\$ 5,000.00
21	4" SDR-26 PVC Sanitary Service	LF	239	\$ 18.75	\$ 4,481.25
22	6" SDR-26 PVC Sanitary Service	LF	289	\$ 25.00	\$ 7,225.00
23	1500 Gallon Grease Interceptor	EA	1	\$ 5,000.00	\$ 5,000.00
24	1500 Gallon Sand/Oil Interceptor	EA	1	\$ 5,000.00	\$ 5,000.00
25	6" Sanitary Sewer Cleanout	EA	4	\$ 625.00	\$ 2,500.00
26	Sanitary Sewer Connection to Main	EA	1	\$ 2,500.00	\$ 2,500.00
27	Haul In Earthwork	CY	11000	\$ 30.00	\$ 330,000.00
28	4" Concrete Sidewalk	SF	6519	\$ 7.00	\$ 45,633.00
28	6" PCC Medium Duty Pavement	SY	387	\$ 68.75	\$ 26,606.25
29	8" PCC Heavy Duty Pavement	SY	413	\$ 81.25	\$ 33,556.25
30	5.5" Medium Duty Asphalt Pavement	SY	1125	\$ 31.25	\$ 35,156.25
31	6.5" Heavy Duty Asphalt Pavement	SY	1999	\$ 37.50	\$ 74,962.50
32	4" Open Graded Rock PCC Base	SY	800	\$ 25.00	\$ 20,000.00
33	6" Open Graded Rock ACC Base	SY	3124	\$ 25.00	\$ 78,100.00
34	6" Pavement Subgrade Preparation	CY	1354	\$ 22.50	\$ 30,465.00
35	Curb & Gutter	LF	2958	\$ 30.00	\$ 88,740.00

36	Small Block Retaining Wall	SF	50	\$ 37.50	\$ 1,875.00
37	Silt Fence	LF	1875	\$ 2.50	\$ 4,687.50
38	Construction Entrance	EA	1	\$ 625.00	\$ 625.00
39	Concrete Washout	EA	1	\$ 312.50	\$ 312.50
40	Storm Inlet Protection	EA	18	\$ 125.00	\$ 2,250.00
41	Final Sodding	SY	8673	\$ 31.25	\$ 271,031.25
	Total Cost				\$ 1,279,000.00
	City Based 3% Fee				\$ 38,370.00

Note: The costs shown on this estimate represent an estimate of probable costs prepared in good faith and with reasonable care. BHC 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 engineering administration.