

ENGINEER'S OPINION OF PROBABLE COST

Project Name: Bradley Road Subdivision Stormwater Improvements

Location: Libertyville Township, IL

Client: Bradley Road Subdivision POA

GHA Project #: 5642.001

Prepared By: Daniel J. Vanek

Date: November 7, 2023

Revised: August 28, 2024



625 Forest Edge Drive, Vernon Hills, IL 60061

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CONCEPT PLAN STORMWATER IMPROVEMENTS - PHASE 1

ENGINEER'S OPINION OF PROBABLE COST SUMMARY TABLE

Section	Section Cost
Storm Sewer System	\$251,900
Utility & Grounds Restoration	\$23,702
Miscellaneous	\$31,409
Engineering & Management	\$51,476
	Total \$358,487
	Total w/ 10% Contingency \$394,335

STORM SEWER SYSTEM

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	42" RCP	LF	50	\$180	\$9,000
2	54" RCP	LF	689	\$200	\$137,800
3	43x68" HERCP (WM Quality)	LF	47	\$300	\$14,100
4	42" Flared End Section	EA	1	\$6,000	\$6,000
5	43"x68" Flared End Section	EA	1	\$10,000	\$10,000
6	Catch Basin - 6' Diameter	EA	3	\$6,000	\$18,000
7	Catch Basin - 7' Diameter	EA	1	\$15,000	\$15,000
8	Catch Basin - 8' Diameter	EA	2	\$18,000	\$36,000
9	Plug Storm Sewer	EA	4	\$1,500	\$6,000
				Section Cost	\$251,900

UTILITY & GROUNDS RESTORATION

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	Pavement Reconstruction Over Proposed Storm Sewer	SY	267	\$66	\$17,622
2	Landscape Restoration	SY	560	\$8	\$4,480
3	Tree Impacts	LF	80	\$20	\$1,600
				Section Cost	\$23,702

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MISCELLANEOUS

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	Soil Erosion & Sediment Control	SY	550	\$4	\$2,200
2	As-Built Drawings	LSUM	1	\$1,500	\$1,500
3	Traffic Control	LSUM	2.0%	\$251,900	\$5,038
4	Construction Layout	LSUM	2.0%	\$251,900	\$5,038
5	Private Utility Adjustment	LSUM	3.0%	\$251,900	\$7,557
6	Mobilization	LSUM	4.0%	\$251,900	\$10,076
Section Cost					\$31,409

ENGINEERING & MANAGEMENT

ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	COST
1	Surveying	LSUM	1	\$6,134	\$6,134
2	Design Engineering	LSUM	6.5%	\$251,900	\$16,374
3	Permitting	LSUM	5.0%	\$251,900	\$12,595
4	Construction Management	LSUM	6.5%	\$251,900	\$16,374
Section Cost					\$51,476

*Since Gewalt-Hamilton Associates Inc. Has No Control Over the Cost of Labor, Materials, or Equipment, or Over the Contractor's Methods of Determining Prices, or Over Competitive Bidding of Market Conditions, Opinions of Probable Costs, as Provided for Herein, Are to be Made on the Basis of Experience and Qualifications and Represent the Best Judgement as a Design professional Familiar with the Construction Industry. Gewalt Hamilton Associates, Inc. Cannot and Does Not Guarantee That Proposals, Bids, or The Construction Costs Will Not Vary From Opinions of Probable Cost Prepared for the Owner.