

STANTEC CONSULTING MICHIGAN - ENGINEER'S OPINION OF CONSTRUCTION COST



**Pittsfield Charter Township
Washtenaw County
CBDG Stormwater Improvements**

Conceptual	X
Preliminary	
Final (As Bid)	

Project Number: 2075001316
 Prepared By: AMS
 Checked By: MDP
 Date: March 5, 2021

DESCRIPTION		QUANT.	UNIT	UNIT COST	TOTAL COST
CBDG Stormwater Improvements (Ten Locations)					
1	General Conditions/Mobilization/Permits (10% Max)	1	LS	\$50,000	\$50,000
2	Contractor Construction Layout & Staking	1	LS	\$15,000	\$15,000
3	Traffic Control & Maintenance	1	LS	\$15,000	\$15,000
4	Earthwork and Fine Grading (Includes Ditching & Topsoil)	73500	SF	\$1	\$73,500
5	Clearing, Grubbing, Demolition, and Removals (Includes Sawcutting for Spillways)	73500	SF	\$1	\$73,500
6	Soil Erosion Control	1	LS	\$15,000	\$15,000
7	Invasive Species Treatment	6000	SF	\$3	\$18,000
8	Re-plant with Native Species	6000	SF	\$3	\$18,000
9	Rain Garden Subsoil & Plantings	39800	SF	\$3	\$119,400
10	Infiltration Garden Subsoil & Plantings	19900	SF	\$3	\$59,700
11	Infiltration Trench/Bio-swale Subsoil & Seeding	13400	SF	\$3	\$40,200
12	Underdrains - Allowance	500	LF	\$15	\$7,500
13	Stormsewer Pipe & Culverts - Allowance	100	LF	\$50	\$5,000
14	Stormsewer End Sections - Allowance	10	EA	\$1,500	\$15,000
15	Stormwater Catchbasins - Allowance	10	EA	\$2,500	\$25,000
16	Concrete Spillways - Allowance	10	EA	\$500	\$5,000
17	Signage - Allowance	20	EA	\$500	\$10,000
18	Project Clean-Up	1	LS	\$20,000	\$20,000
19	Franchise Utility Coordination	1	EA	\$5,000	\$5,000
20	Audio-Video Project	1	LS	\$5,000	\$5,000
CONSTRUCTION SUBTOTAL					\$595,000
CONSTRUCTION CONTINGENCIES				10%	\$60,000
TOTAL OPINION OF PROBABLE CONSTRUCTION COST					\$655,000
ENGINEERING DESIGN & SURVEY (Stantec)				13.0%	\$85,000
PART-TIME CONSTRUCTION ENGINEERING & INSPECTION (Stantec)				6.0%	\$39,000
TOTAL ESTIMATED PROJECT COST					\$779,000

Excludes: Environmental & Easement Acquisition Services, and anything not listed above.

NOTE: The ENGINEER has no control over the cost of labor, materials, equipment, or services furnished by others, or over the CONTRACTOR's method of determining prices, or over competitive bidding or market conditions. Opinions of probable project costs and construction costs provided herein are made on the basis of the ENGINEER'S professional judgement and experience. The ENGINEER cannot and does not guarantee that proposals, bids or actual project or construction costs will not vary from the prepared opinion of probable cost.