

**Village of Orland Park
Eagle Ridge Green Infrastructure Project
Cost Opinion**

Location/Description:

Drainage Improvements for Existing Path and Creation of Bio-Infiltration Area with Bench and Interpretive Signage.

Date: January 10, 2019

Item	Unit	Quantity	Unit Cost	Base Cost	Notes/Issues
Earthwork	CY	485	\$ 30.00	\$ 14,550	eliminated 0.05 acre cut northwest of BMP basin
8" PVC Storm Sewer	LF	75	\$ 35.00	\$ 2,625	eliminated 225 LF storm sewer draining 0.05 acre cut
PVC Drain Structures	EA	1	\$ 500.00	\$ 500	reduced number of structures to correspond with reduced pipe length
Sawcut / Remove / Dispose Path	SF	160	\$ 3.00	\$ 480	overlay existing pavement; butt joint at ends
HMA Binder	SY	306	\$ 10.00	\$ 3,060	250 LF
HMA Surface	SY	306	\$ 10.00	\$ 3,060	250 LF
Bench	EA	1	\$ 900.00	\$ 900	
Interpretive Signage	EA	1	\$ 1,500.00	\$ 1,500	
Ground Restoration	SY	1,452	\$ 4.00	\$ 5,808	seed and erosion control blanket (respread excavated soil on site)
Bio-Infiltration Plantings	SY	1,452	\$ 8.00	\$ 11,616	seed, erosion control blanket, and some plants

Subtotal				\$ 44,099
Mobilization\General conditions		5%		\$ 2,205
Subtotal				\$ 46,304
Contingency		30%		\$ 13,891
Construction Cost Estimate				\$ 60,195
Professional Services (Design and CM)		15%		\$ 9,029
Annual Maintenance - 3 Years	EA	3	\$ 5,000.00	\$ 15,000
Total				\$ 84,224