

## Stormwater Infrastructure Construction Cost Comparison

(Headquarters vs Conventional)

Item No	Description	Unit Cost <sup>1</sup>	Quantity	Unit	CONSTRUCTION COSTS	
					Headquarters	Conventional
1	Off-site Stormwater Management		1	L.S.	\$ 621,879	\$ 2,000,000
2	Hardscape					
	2.1 Pavers (vehicular)	\$ 6.65	11,890	S.F.	\$ 79,069	N/A
	2.2 Precast Concrete Pavers (pedestrian)	\$ 5.50	11,077	S.F.	\$ 60,924	N/A
	2.3 Asphalt <sup>2</sup>	\$ 2.30	89,329	S.F.	\$ 205,457	\$ 434,774
	2.4 Pervious Concrete	\$ 7.50	12,000	S.F.	\$ 90,000	N/A
	2.5 Decomposed Granite (vehicular)	\$ 3.00	29,760	S.F.	\$ 89,280	N/A
	2.6 Natural Gray Concrete (vehicular)	\$ 7.50	34,976	S.F.	\$ 262,320	
	2.7 Natural Gray Concrete (pedestrian)	\$ 7.50	22,400	S.F.	N/A	\$ 168,000
3	Base <sup>3</sup>					
	3.1 14" Class II (vehicular pavers)	\$ 14.00	1,321	S.Y.	\$ 18,496	N/A
	3.2 4" Class II (pedestrian pavers)	\$ 6.00	1,231	S.Y.	\$ 7,385	N/A
	3.3 6" & 4" Class II (vehicular asphalt)	\$ 8.00	9,925	S.Y.	\$ 79,404	\$ 168,028
	3.4 10" 3/4" Rock (pervious concrete)	\$ 15.00	1,333	S.Y.	\$ 20,000	N/A
	3.5 4" Class II (decomposed granite)	\$ 6.00	3,307	S.Y.	\$ 19,840	N/A
	3.6 4" Class II (vehicular concrete)	\$ 6.00	34,976	S.Y.	\$ 209,856	N/A
	3.7 4" Class II (pedestrian concrete)	\$ 6.00	22,400	S.Y.	N/A	\$ 134,400
4	Storm Drain <sup>4,5</sup>		1	L.S.	\$ 42,289	\$ 87,070
5	Boulders	\$ 73.26	286	each	\$ 20,953	N/A
6	Curb and Gutter	\$ 13.00	19,400	L.F.	N/A	\$ 252,200
<b>TOTAL:</b>					\$ 1,827,150	\$ 3,244,472
<b>HEADQUARTERS SAVING:</b>					\$	1,417,322

<sup>1</sup> Unit costs include all materials, labor and equipment required for installation

<sup>2</sup> All hardscape for conventional construction was assumed to be asphalt

<sup>3</sup> Base costs were estimated from RSmeans 2003

<sup>4</sup> Headquarters storm drain construction cost include: ADS catch Basin with solid grate, river rock pad and 6, 8,10,12-inch diameter pipes

<sup>5</sup> Conventional storm drain construction cost is an estimate based on a typical design