



Tour Guide – Permeable Paver Walkways

Two permeable paver walkways were constructed as part of this project. These include the central walkway up to the George Washington statue (which was previously a conventional brick walkway with surface drains), and a new curved brick walkway from the top of the central walkway toward the statue of Edgar Allen Poe.

Due to the excellent infiltration capabilities of the underlying soils, no underdrain piping was required for either of these walkways. In order to capture and infiltrate the infiltrated stormwater runoff on the existing slopes, subgrade surfaces are flat, and internal baffles are used to trap and infiltrate stormwater along the entire length of each walkway. The combined annual runoff reduction from these walkways is approximately 300,000 gallons.



Design Information:

Central Walkway

- Dimensions: 220'x 18'-6"
- 20" Stone Drainage Layer
- Permeable Clay Pavers
- No Underdrain
- Drainage Area is Approximately 4,600 SF

New Walkway

- Dimensions: 180'x 8'
- Stone Drainage Layer varies (15" – 21")
- Permeable Clay Pavers
- No Underdrain
- Concrete Baffles Control Infiltration
- Drainage Area is Approximately 6,400 SF

More Information:

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