

Sustainable Infrastructure

Klotz Associates lives and practices sustainability - the optimization of economic, social and environmental reality for the good of the public. This is a priority in all of our services at Klotz Associates.

How we benefit our Clients!

Through proper application of sustainable practices, we are able to meet the often competing goals of economic, social and environmental stakeholders. Our Clients (whether public or private sector) engage us to assist in planning, designing, cost estimating, and constructing the project that best meets their needs. By helping our Clients see their project from a different perspective, they are able to enlist support from various stakeholder groups. While practical practitioners, we see great value in looking forward. And applying sound applications to our Client's projects makes our Clients look better.



Porous Pavers / Rain Garden



Porous Pavement

Experienced

We have sustainability design professionals throughout Klotz Associates. With seven civil engineering focused LEED AP's, we have the staff to apply practical sustainable practices to your project. Working with other professionals on a regular basis keeps us aware of changing and evolving ideas, but always with a focus on practical applications for your project.

Forward Looking

Few things any of us do today are done the same way that we did them even five years ago. Sustainable practices are no different. By being aware and applying a critical eye to evolving issues, we can assist you in navigating the map to a better, less expensive, and more sustainable infrastructure project, often in less time. Your stakeholders will be happier!

Sustainable Solutions

- Recycled materials
- Less waste material to landfills
- Cleaner construction sites
- Reduced heat island impact
- Less water & air quality impacts
- Use of native materials & vegetation
- Reduced stormwater runoff
- Reduced potable water consumption
- More efficient energy use
- Enhanced stormwater quality
- Less traffic congestion
- Ecoswales
- Rainfall collection and reuse

Sustainable Infrastructure

While LEED only applies to buildings, there are many LEED and other sustainable practices that can be applied to your infrastructure project. Roadways, underground utilities, plants, drainage projects, hike & bike trails, airports, and traffic control plans; these core infrastructure projects are ripe for the application of sustainable practices. You are already incorporating more than you realize. We can help you enhance the sustainability of these projects and save money at the same time.

Benefits of Rain Gardens

Rain gardens are an inexpensive, simple way to implement an environmentally sound solution to urban stormwater runoff.



Example of a Rain Garden