

Demonstration Raingarden ODOT Central Office Columbus, Ohio

URS prepared plans and specifications for a high visibility demonstration raingarden located in the parking lot at the Ohio Department of Transportation's Central Office.

This raingarden represents the first raingarden at an ODOT facility.

URS worked closely with ODOT staff to locate the raingarden to avoid utilities, and existing trees. The 300 square foot raingarden was carefully positioned to receive a calculated amount of runoff from a large parking lot, to fit existing topography, and to minimize maintenance requirements. Raingarden design provided a water quality monitoring structure. A diversity of plants were selected to tolerate the unique conditions of bioinfiltration soils.

Site construction was performed by ODOT crews. Planting was performed by volunteers attending a public workshop held by the Central Ohio Rain Garden Initiative.

URS staff prepared construction plans and specifications, procured construction materials, as well as conducted the public education workshop. A Photosimulation was prepared illustrating the proposed raingarden.



Illustration of the raingarden demonstrates how the key location will enable prime viewing of the garden by visitors and employees.



The planting plan incorporates a diversity of perennial plantings to help filter urban runoff.