

Green Innovation Grant Program

Project Title: Clarkstown Wetland Restoration

Grant Recipient: Town of Clarkstown

Location: Town of Clarkstown, NY

Green Infrastructure Practice: Constructed Wetlands, Floodplain Restoration, Permeable Pavement, Rain Garden

EFC Grant Amount: \$1,000,000

Total Project Amount: \$1,620,430

GIGP ROUND 5

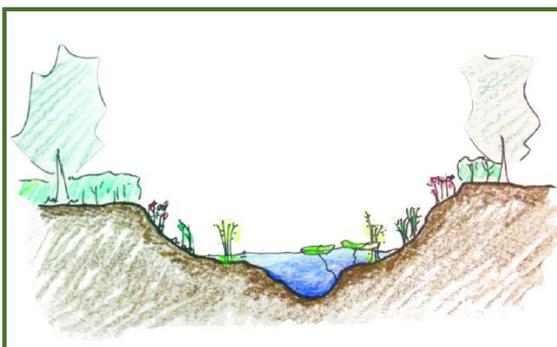
Construction Completion 04/2015

Project Description:

In the Hamlet of West Nyack, the Town of Clarkstown wetland restoration project will use GIGP funds to naturalize previously channelized streams and reconnect their flow to the adjacent regulated wetlands. This project proposes the construction of new wetlands and the restoration of existing wetlands into an integral wetland system. The constructed wetland will mimic functions provided by natural wetlands, which treat runoff while also reducing the risk of flooding. In addition, this project will utilize permeable paving in the proposed parking lot. The porous pavement will reduce runoff, as well

as filtering pollutants. Excess runoff will be captured from the parking lot and adjacent sidewalks in a rain garden.

The project will feature educational kiosks and an educational trail to promote better understanding of the importance of wetlands in mitigating flooding and improving water quality. In addition, the permeable paving and rain garden will help demonstrate these important practices to the public.



The Town of Clarkstown Wetland Restoration concept plan (right) and riparian buffer section diagram (left) show how the green infrastructure practices will be integrated into the site.

