

BELAIR-EDISON NEIGHBORHOODS, INC.

Belair Edison Main Street Greening Project

Baltimore City, Maryland



top: Photosimulation of stormwater tree pits and a rain garden on Belair Road with inset of initial conditions; bottom: Concept drawing of a green alley with permeable paving and new plantings behind Belair-Edison Family Health Center with inset of initial conditions

A community-driven green infrastructure framework and select “green street” retrofit opportunities for this close-knit neighborhood in Baltimore City will lead to new green space amenities that also manage stormwater.

Biohabitats worked with community leaders in the northeast Baltimore neighborhood of Belair-Edison to develop a green infrastructure framework for the community. This project focused on opportunities for stormwater retrofits and ecological enhancements in the right-of-way and on private lots. Biohabitats helped to identify 14 candidate project sites for designs that included bioretention, impervious cover removal, permeable pavement, and tree plantings.

Biohabitats participated in site visits, design charrettes, and public meetings with community stakeholders and residents

to discuss neighborhood priorities for green infrastructure improvements and their relationship to other concerns such as traffic and safety. As a key part of the project, Biohabitats staff developed hand renderings and photo simulations for the four highest-ranked sites, resulting in a powerful visualization tool that can be used by neighborhood leaders in future community engagement efforts as well as funding requests.

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