BSC GROUP

803 SUMMER STREET, BOSTON, MA 02127 - www.bscgroup.com

TEL 617-896-4300 - 800-288-8123

Nature-Based Solutions Implementation Resource Guide

Nature-based Solution (NbS): Pedestrian Safety and Bike Access

Project Number per matrix: **30**

PREREQUISITES

- Approval of Town/State DPW, DOT, and/or landowner.
- Obtain appropriate permits.

RECOMMENDED IMPLEMENTATION STEPS

- **Project Planning and Administration**
  - Planning and re-design of shared streets to complicate driving, shorten, or split crossings, and naturally limit speeds.

- **NbS Installation**
  - Use of the shying effect including overhead features and close tree canopy.
  - Bike racks or parking facilities at key locations.
  - Signage or wayfinding indicators to guide cyclists along designated bike routes and highlight points of interest.
  - Marked crosswalks at designated points for pedestrian crossings. Visual arts integrated into attention-grabbing crossings.
  - Pedestrian signage and signals to enhance visibility.
  - Audible and visible pavement distinctions for driver awareness.
  - Speed punishment measures, such as speed bumps or traffic calming devices.

- **Maintenance**
  - Routine annual maintenance may be required.

NATURE-BASED SOLUTION SPECS

- Typical project size: N/A
- Minimum/maximum size: N/A

BUDGET ESTIMATE

- Typical project budget (order of magnitude): N/A
- Use the BSC Group Nature-based Solutions budget tool to develop more detailed concept budgets

SCHEDULE ESTIMATE

- N/A