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): Educational Interpretation

Project Number per matrix: **52**

PREREQUISITES

- Approval of Town planning/community development/landowner.
- Obtain appropriate permits per planning and zoning board ordinances.

RECOMMENDED IMPLEMENTATION STEPS

- **Project Planning and Administration**
  - Development of site-specific content based on features and maps.
  - Select temporary vs. permanent installation based on content.
  - Stock ecological signage content is available from Pulse Design.
  - Custom signage by community groups or professional designers.
  - Reference the DCR signage guide and other graphic references.
  - Consider digital connections or QR code trail markers with online audio content either through the project website, ArC GIS, the Story Map, or direct to drive.
  - Minimal soil disruption or significant excavation beyond that necessary to install enhancements.
  - Installation through volunteer efforts or private contractors.

- **NbS Installation**
  - Assess maintenance and vandalism potential.
  - Consider the audience and the goal of the message over the message itself. Be concise and compelling. A highly accurate comprehensive message is unlikely to be read and appreciated in the context of a nature outing.
  - Select locations based on connections to species resources.
  - Use materials found on-site to the extent feasible or sustainable materials (native wood instead of metal supports).

- **Maintenance**
  - Follow-up: maintenance typically requires a replacement; some repainting or cleaning should be expected if signs are not pre-treated by the manufacturer with a siloxane coating.

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

- 1 day of construction per unit.