



State Transportation Innovation Council (STIC)

2015 Fact Sheet



Environmental



Mitigation Commitment Partnerships

This initiative would create a partnership in which the PA Fish and Boat Commission's Geographic Information System (GIS) data identifying fish passage improvement, water access, and hazardous dams would be consolidated with PennDOT's road system to allow PennDOT's project managers to quickly identify mitigation projects.

What are the benefits?

- Saves PennDOT time and money in identifying mitigation projects.
- Reduces the cost of mitigation.
- Reduces the cost for removing low-head dams.
- Restores water quality and aquatic habitat.
- Improves recreational pursuits.

What does the future hold?

PennDOT is working with the PA Fish and Boat Commission to compile potential mitigation projects in a useful GIS format.



Pennsylvania Turnpike Commission / KCI Technologies, Inc.

This fact sheet introduces initiatives that have been explored by the Environmental Technical Advisory Group (TAG) and reviewed by the State Transportation Innovation Council (STIC). Information on their concept and status are provided in this fact sheet.



Way-Finding Signs for Water Trails

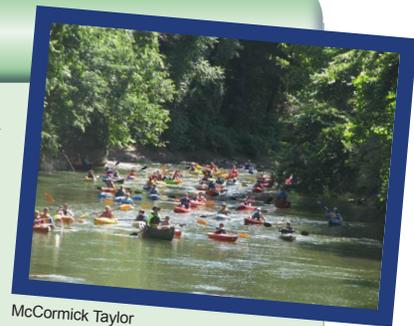
Bridges over waterways serve as major location identifiers for boaters, fishermen, and emergency service providers who use these crossings as put-in and take-out areas or access points. All too often, there are no signs to identify these crossings, making use of the streams and access points difficult and causing boaters to miss a take-out. This initiative would develop a strategy for incorporating way-finding signs at bridges that cross water trails designated by the PA Fish and Boat Commission and would develop the scope of the signage effort.

What are the benefits?

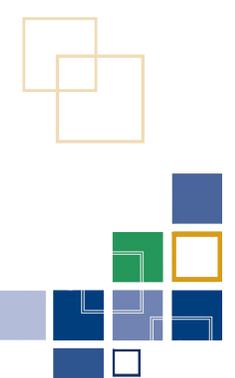
- Helps users of water trail and recreational facilities identify their location in relationship to roadway access points.
- Assists emergency responders in locating those in need on a waterway.
- Provides PennDOT and local bridge owners with better information on conditions and issues related to the bridge or roadway crossing a water trail.

What does the future hold?

This initiative was completed in 2014 with the development of procedures for including way-finding signs over designated water trails during bridge projects. The guidance has been incorporated into PennDOT's Design Manual 2, Chapter 10.



McCormick Taylor





PennDOT NEPA/Environmental Resources Reference Webpages

The National Environmental Policy Act (NEPA) and environmental regulations, policy, and guidance are constantly changing and being updated, requiring PennDOT district and Federal Highway Administration (FHWA) staff, consultants, engineers, and planning partners to look in multiple locations to ensure that the most current policy or guidance is applied to a project. This initiative involves developing and maintaining pages on PennDOT's website that provide up-to-date information and references to federal and state laws, regulations, policy, handbooks, and forms.

What are the benefits?

- Provides a centralized location for finding up-to-date federal and state resources and information related to a project.
- Decreases the potential for the use of outdated guidance.
- Allows more streamlined search for information.
- Educates the public on project development and which laws and regulations must be followed under the NEPA umbrella.

What does the future hold?

Webpages will be developed and available following a department-wide website update. These webpages will be updated regularly as needed.



The purpose of the Environmental Technical Advisory Group (TAG) is to develop and evaluate the implementation of cost-effective and **innovative technologies** relating to the environment that PennDOT and other stakeholders can use to develop a **more efficient transportation network**.

What is STIC?

Pennsylvania's State Transportation Innovation Council is a unique forum that blends together expertise and experience of various stakeholders to provoke discussions on how to deploy successful transportation innovations quickly. The main goal of STIC is to get innovation into practice as soon as possible so that users can reap the benefits of a smoother, safer, more efficient transportation system.



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