



**pennsylvania**

DEPARTMENT OF TRANSPORTATION

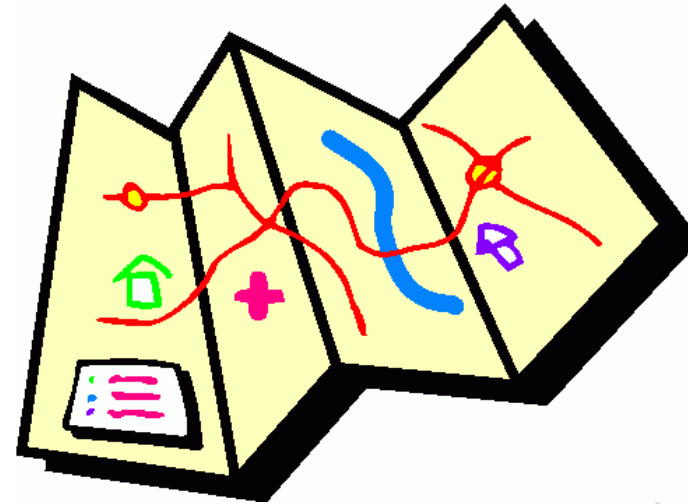
# **STRATEGIC RECYCLING PROGRAM (SRP) UPDATES**

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# Overview

- ❖ Strategic Recycling Program Details
- ❖ Updates
- ❖ What's in the horizon?
- ❖ Q/A



# Memorandum of Understanding: PENNDOT-PADEP

- ❖ Strategic Recycling Program (SRP)
- ❖ **Establishing and implementing a waste reduction program for materials used in PENNDOT operations;**
- ❖ **Continually reviewing and revising existing procedures and specifications;**
- ❖ Evaluating materials that may be recycled in transportation and civil engineering applications;
- ❖ Employs procurement and contract bidding options encouraging recycled materials use.



# SRP Five Key Focus Areas

- ❖ **Research** - To collect information on recycled materials and to identify and resolve data gaps associated with the use of recycled materials.
- ❖ **Specifications** - To develop, obtain, and/or disseminate user guidelines, provisional special provisions and Publication 408 specifications at the Municipal, District and Statewide levels.
- ❖ **Projects** - The overall objective is to successfully incorporate recycled materials in transportation-related projects, including post-construction monitoring.
- ❖ **Outreach** - To disseminate the results and experiences of recycled materials projects to PENNDOT, Commonwealth agencies and the public.
- ❖ **Contracting** - To provide technical assistance to the Engineering Districts in developing construction contract mechanisms to specify or provide for recycled material use.

# SRP Updates

- ❖ Attended **TRB Annual** and **ADC60** summer workshop
- ❖ Presented before the Nigerian Delegates to PENNDOT on the SRP
  - ❖ **Engineering & Recycling in A Global Context**
    - ❖ Current practices, waste characterization, future opportunities/partnership solutions, and R&D
- ❖ Attended and Presented at **PROP 2015**
- ❖ Reviewing SRP originated **specifications** for updates(glass cullet)
- ❖ Partnership with the Recycling Markets Center (**RMC**)
  - ❖ New vendor application assistance
  - ❖ New products/opportunities for recycling
  - ❖ Technical reviews
  - ❖ Recycling Webinars (Jan 2015)
  - ❖ Workshop/conference(Feb 2016)

# What in the Horizon?

- ❖ Continued districts outreach for demonstration projects ideas/partnerships
- ❖ Continued partnership with the **RMRC-University of Wisconsin Madison-pooled fund research**
  - ❖ Currently working on a nationwide interactive map of recycled materials source and vendors
- ❖ New partnership with **RMC**
  - ❖ Specifications and technical materials review
  - ❖ Industry Outreach/partnership(workshop/ Mini conference)
- ❖ **Specifications: Reviews and Updates**
  - ❖ Assist New Products and Innovation team with evaluating new requests (porous pavements from recycled plastic )
- ❖ **Hot-in-Place Recycling Projects (Allegheny, Indiana, and Armstrong)**
- ❖ **Waste Tracker: Recycling Management Directive**
  - ❖ Trends Tracking → Metrics/Evaluation
- ❖ Updated SRP **Website**  
<http://www.penndot.gov/ProjectAndPrograms/ProjectRequirementsResources/PollutionPrevention/Pages/default.aspx#.Vf77SKPD-Uk>

# Contact Info

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