e-Construction & Partnering

Pennsylvania's Move to Paperless Construction Sites

The e-Construction and Partnering (eCP) innovation uses web and mobile-based platforms to limit or replace the use of paper and increase collaboration and communication on construction projects. eCP is a Federal Highway Administration (FHWA) Every Day Counts Round 4 (EDC-4) innovation that Pennsylvania championed.

What are the benefits?

- **Saves money** through the reduction of paper, and elimination of printing and storage needs
- **Increases transparency** through secured and expedited document transmissions
- **Saves time** through online communication, which helps to eliminate misunderstandings and expedite project delivery schedules
- **Increases efficiency** as inspectors spend more time in the field engaged in valuable inspection and quality assurance duties and less time in the office on administrative tasks.

How does it work?

PennDOT has traditionally administered contracts and managed construction of highway projects through a paper-based documentation system. By using digital e-Construction technologies, PennDOT has enhanced collaboration among the project teams and improved communication to streamline project delivery.

PennDOT employees, along with contractor and consultant personnel, are using iPads to access several available e-Construction apps to share information. These tools connect to PennDOT's core systems. For example, with the development of the PennDOT Project Collaboration Center (PPCC) system, contract submissions can now be completed in a concise system that improves turnaround times and ensures submissions are not misplaced or lost in emails.

How do I learn more?

Visit FHWA's Every Day Counts website at www.fhwa.dot.gov/everydaycounts.

The Pennsylvania State Transportation Innovation Council (STIC) supports and promotes the deployment of several EDC innovations. To learn about the STIC, visit www.penndot.gov/stic or email penndotstic@pa.gov.