

Virginia DOT



Contact Information:

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Quantifying Greener Pavements in Virginia

Project Goals:

- (1) Educate agencies on using environmental product declarations (EPD) and life cycle assessment (LCA).
- (2) Collect production and construction data in an open-sourced format to inform development of standards for quantifying construction environmental impacts for asphalt and concrete pavements.

Project Tasks:

- **Task 1:** Develop a Roadmap
- **Task 2:** Develop and Deliver Training
- **Task 3:** Conduct LCA Case Studies on Selected Projects
- **Task 4:** Develop Standards/Frameworks to Quantify Environmental Impacts of Paving Processes
- **Task 5:** Organize a Concluding Symposium

