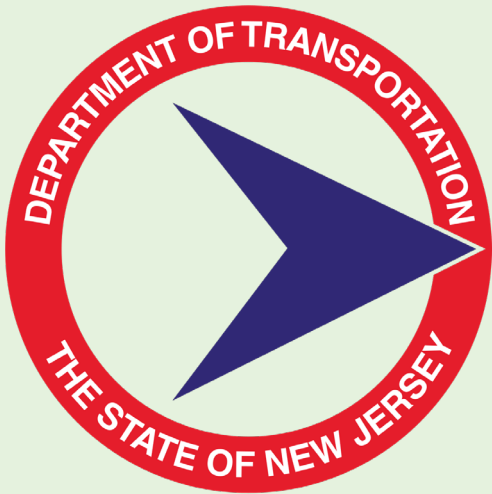


# NJDOT



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*Project 1: Utilization of EPDs and LCAs to Promote Sustainability in New Jersey's Pavements*

*Project 2: Improve Sustainability of Asphalt Pavement Overlay in New Jersey*

## Project Goals:

Project 1: To utilize EPDs and LCAs to promote consideration of sustainability in maintaining NJDOT's pavement infrastructure.

Project 2: To improve sustainability and reduce carbon emission of asphalt pavement overlays in New Jersey.

## Project Tasks:

- **Project 1:** (1) Conduct literature review, (2) define goals and scope of the comparative LCA analysis, (3) data collection and analysis, and (4) results and interpretation.
- **Project 2:** (1) Experiences and lessons of using FHWA LCA Pave Tool, (2) quantification method for carbon emission at use phase of pavement, and (3) recommendations to use LCA in decision making of pavement overlays.

