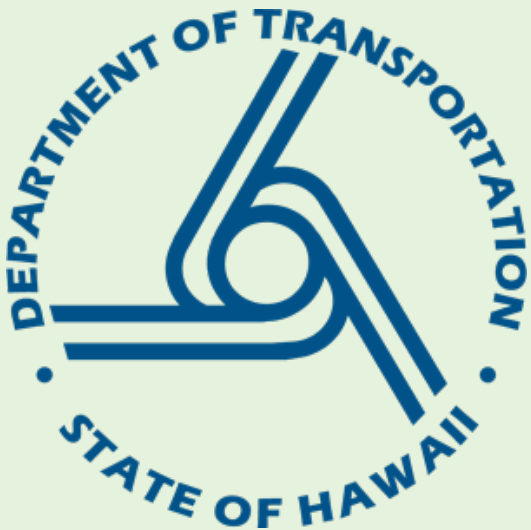


## Hawaii DOT



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# Plastic Recycling Research Facility in Hawaii

## Project Goals:

Complete life-cycle assessments (LCA) for: “nets to roads”, “nets to power”, “local waste plastic to roads”, and HDOT’s standard asphalt PMA mix (Mix IV with PG 64E-22)

## Project Tasks:

Completion of a life-cycle assessment (LCA), with training and support from the FHWA, that compares

- “nets to roads” processes (derelict nets processed and integrated into roadways)
- “nets to power” (derelict nets burned by H-power to produce electricity)
- “local waste plastic” to roads (consumer waste plastic)
- roads built with polymer modified asphalt

