DelDOT Resiliency & Sustainability

Sustainable transportation considerations and solutions are focused on striking a balance between economic, social, and environmental principles in a manner that supports the ongoing planning, development, operation, and maintenance of an 'enduring' transportation system.

MISSION

To provide the citizens of Delaware with the most resilient and sustainable transportation infrastructure through effective project planning, design, construction, and maintenance along with incorporation of innovative solutions such as alternative energy and electrification of our infrastructure to address the challenges associated with climate change and sea level rise.

CHALLENGE

Due to the low-lying topography of the state, creating resilient infrastructure in the face of roadway flooding becomes a challenge. DelDOT has been and continues to be challenged by the effects of sea level rise (SLR) and frequently flooded roadways. It has been estimated the state has $1 billion of infrastructure at risk associated with these challenges.

STRATEGIES

With so many factors, there can be no 'one size fits all' solution. DelDOT currently makes decisions about SLR on a case-by-case basis, with careful considerations and unique strategies.

DelDOT is actively developing policies on how to spend our capital to protect and maintain assets affected by SLR. DelDOT's guidance and direction will be in line with Statewide policies to ensure a consistent approach.

INITIATIVES

Impacts of Climate Change and Sea Level Rise
- Design, Construction, Maintenance
- Drainage
- Flood Matrix

Electrification of Infrastructure and Fleet
- EV Charging
- Electric Buses and Fleet

Use of Alternative Energy
- Solar Propane Conversion
- Exploring Hydrogen

Quality of Life
- Keep DE Litter Free
- Pollinators

COORDINATION

The Division of Transportation Resiliency and Sustainability recognizes the value of interagency coordination as well as cross-governmental and non-governmental organizations to develop positive, equitable solutions to address climate change and improve the resiliency of our transportation network.

Growing List of Partnerships to include:
- Delaware Department of Natural Resources and Environmental Control (DNREC)
- Delaware Office of State Planning Coordination
- University of Delaware
- Wilmington Area Planning Council Organization (WILMAPCO)
- Dover/Kent County Metropolitan Planning Organization
- Sussex County Council
- Delaware Center for Inland Bays
- Delaware Resilient and Sustainable Communities League

TO LEARN MORE ABOUT TRANSPORTATION'S ROLE IN DELAWARE'S CLIMATE ACTION PLAN, PLEASE VISIT:
WWW.DECLIMATEPLAN.ORG