



Connecticut Department of Transportation

RESEARCH SECTION

Who We Are

The CTDOT Research Section conducts, supports, and promotes research and development activities that employ new ideas and innovative technology to address Department needs and serve the Department's [mission](#). The Research Section collaborates with other research affiliates to discover and develop new implementable products for improving the transportation system.



How We Are Funded

Research at CTDOT is funded with State Planning and Research (SP&R) Part 2 funds, administered by FHWA. The Department also receives funds under the FHWA Local Transportation Assistance Program (LTAP). In addition, the Department has successfully secured funds on a project-by-project basis from sources such as Strategic Highway Research Program 2 (SHRP2) and National Highway System (NHS) funds. State funds are used to support research projects with the University of Connecticut through a continuing research program, Connecticut Cooperative Transportation Research Program, established by the Connecticut State Legislature. [Pooled-fund projects](#) allow the Department to leverage its funds to participate in research studies that are of common interest with other states and federal agencies.

What We Do

The Research staff coordinates research efforts on all projects involving various Bureaus, Offices or Divisions of the Department and Universities. The research personnel also participate in the implementation of research findings from: the SHRP2; National Cooperative Highway Research Program studies (NCHRP); Transit Cooperative Research Program (TCRP); Connecticut Cooperative Transportation Research Program (CCTRP); New England Transportation Consortium (NETC); Connecticut Academy of Science and Engineering (CASE); and, FHWA National and Regional Pooled-funds studies. In addition, the Research personnel perform literature search; problem statement solicitation and selection; evaluate proposals for in-house or contractual research; plan and conduct projects; prepare contract documents; perform periodic reviews for progress and compliance with contracts; maintain cost records; review progress and final reports; review and

evaluate new products, materials and processes to keep abreast with new and emerging technological progress in transportation and related fields; and, maintain files and records essential for the functions of the Research Section. Research personnel also update the transportation research Internet resources by reporting in-progress research studies and completed research projects to [Research-in-Progress \(RiP\)](#) and Transport Research International Documentation (TRID) database.

Expertise

The Research Section is diligent about incorporating bottom-up and top-down projects in the research program that can be categorized as basic research, applied research, development, advanced transportation research and/or implementation or deployment as defined by AASHTO-RAC. The research program is multidisciplinary and includes projects in areas including but not limited to:

- Data and Information technology
- Economics
- Policy and Planning
- Transportation Safety and Mobility
- Environmental
- Roadway Design
- Construction
- Geotechnical
- Maintenance
- Pavements

Staff

The Research Section is comprised of a Transportation Assistant Planning Director, Transportation Planning Supervisor, two Transportation Engineers and a Transportation Planner. The Research Section works with numerous engineers and subject matter experts from throughout the Department to accomplish the research goals.

Contact Information

The Research Section is located at the CTDOT headquarters in Newington, CT

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