



Local agencies that need help with projects or issues outside their routine scope of expertise can turn to the New Jersey Local Technical Assistance Program (NJ LTAP) at Rutgers' CAIT.

Whether you are looking for peer review services, countermeasure alternatives, engineering recommendations, independent audits or evaluations, or guidance in interpreting regulations such as those set forth in the Manual for Uniform Traffic Control Devices (MUTCD), experts at NJ LTAP can help.

NJ LTAP can't provide design, professional engineering, or consulting services, but we can give guidance before or during your interactions with professional engineering consultants and contractors that you engage for infrastructure projects.

Technical Assistance and Support for Local Public Agencies

NJ LTAP offers no-cost technical assistance and support to counties and municipalities who are facing engineering challenges such as safety improvement and infrastructure management projects.

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Road Safety Audits (RSAs)

NJ LTAP works hand-in-hand with CAIT's Transportation Safety Resource Center to provide Road Safety Audits/Assessments to support municipalities and counties undertaking safety improvement projects. An RSA is a safety performance evaluation done by an independent, multidisciplinary team on existing or future roads and intersections.

NJ LTAP staff, joining forces with a network of safety professionals, can help clients identify hazardous locations, determine the types of crashes are most likely to occur at a given location, and suggest countermeasures intended to reduce the number and severity of crashes. RSAs can involve site plan reviews, in-person site evaluations, and crash data analysis using the CAIT-developed application, Plan4Safety. Teams conducting RSAs estimate and identify potential issues that could be hazardous not only to motorized traffic, but to pedestrians and bicyclists as well.

RSAs can and should be applied to any project regardless of scale—from a minor intersection to a highway mega-project.



Pavement Management Systems

The “worst first” approach to managing pavement maintenance and repair is a thing of the past. Agencies need the right tools to make better decisions about where and when to spend their road budgets to make the most of their dwindling dollars.

NJ LTAP works closely with the experts of CAIT’s Pavement Resource Program (PRP) to develop and implement pavement management systems (PMSs). Whether you are starting from scratch with a PMS or want to improve an existing system, we can help with network inventory and characterization, improving data comprehensiveness, application enhancement, and training on how to use a PMS most effectively.

Work Zone Safety Setup Assistance

There were more than 650 work zone fatalities in 2009. Making sure your work zone uses the proper setup is one way to combat that statistic and keep workers and drivers safe.

NJ LTAP provides assistance to local public agencies that want to prepare safe roadway work zones following industry standards for proper cone placement, safety gear, and signage. All traffic control recommendations are based on the MUTCD, the *2010 New Jersey Department of Transportation Work Zone Safety Setup Guide*, or the *NJDOT Traffic Control Details*, which ensures compliance with in-place standards and the safest work zone possible.

Retroreflectometer Loan Program

Maintaining retroreflectivity standards for roadway signage in your county or municipality is a challenge without the proper equipment—but that equipment is expensive. To help you meet and maintain the latest standards, NJ LTAP has a retroreflectometer and accessories available for loan, plus offers field support and hands-on training in proper traffic sign retroreflectivity assessment.

The only requirements for the convenience of borrowing this helpful and valuable equipment is that you must schedule the your loan of the retroreflectometer and all accessories in advance and pick up and return them to the NJ LTAP office. We will also ask you to sign an agreement acknowledging you understand you are responsible for any damage or loss to the equipment while it is in your possession.

NJ LTAP offers this service free to employees of New Jersey local, regional, state, and federal transportation agencies. Your agency can borrow the equipment for up to two weeks at a time. NJ LTAP staff will train your crew in proper use and care of the equipment and accessories and make sure personnel are comfortable and well-versed taking the necessary readings.



For more information, contact:

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