



Local Transportation Technical Assistance Program

PURPOSE: To provide periodic transportation guidance and technical assistance to Lakes Region municipalities and local/regional organizations.



LOCAL TRANSPORTATION TECHNICAL ASSISTANCE PROGRAM

LAKES REGION
PLANNING
COMMISSION

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Program Elements:

- Road Surface Management Systems (RSMS)
- Culvert Inventories
- Special Traffic Counts
- Biking and Walking Stress Mapping
- Master Plan - Transportation Chapter

About the Program at a Glance

The Lakes Region Planning Commission offers an opportunity for municipalities to engage staff to inventory and assess transportation assets. This work is funded through the NH Department of Transportation for the time period July 1, 2015 to June 30, 2017 and requires a local match of 25 percent to access 75 percent federal funds. While a competitive application process will not be used, an effort will be made to work with communities based on need, geographic distribution and availability of local officials to coordinate through project completion. A letter of commitment will be required before a work begins. Funding is limited and some program elements may only be available for a single community.

**Interested communities should inquire
with LRPC transportation staff.**



Technical Assistance Program Linkage with State Asset Exchange System (SADES)

The SADES program is a recently formed partnership with the NH Department of Transportation and Environmental Services, UNH Technology Transfer Center, and the Regional Planning Commissions. The purpose is to collect and share baseline information useful in the management of transportation assets such as: culverts, road surface condition, sidewalks, guardrails, signs, etc. As part of an ongoing project, all SADES collected information will be compiled into a composite statewide map and, after quality assurance, made available to communities through web application, web mapping service and direct download.

An initial focus on culverts will complement the LRPC regional transportation work program's goal of assessing and raising awareness of the 'transportation network impacts on water quality'. The data collected will include: culvert and headwall materials, size, and condition, existence of painted or post markers, cross section, obstructions, sediment build-up, substrate, scouring and other attributes. While LRPC staff will be responsible for data collection, the community is asked to play a role by meeting with Transportation Technicians to discuss and share known culvert information, review field maps, and to explore culvert management in local project planning.

- **Road Surface Management Systems (RSMS)** a comprehensive review of road network surface condition. Useful in programming improvements and to model funding impacts on pavement condition index (PCI) over time. A perfect complement for your community's Transportation Improvement Plan (TIP) or Capital Improvements Program (CIP). This is a SADES element scheduled to pilot with one community in each planning commission area in summer 2015.
- **Culvert Inventories** a useful tool in sharing asset condition and location for coordinating local projects. Data collection includes: culvert and headwall materials, size, and condition, existence of painted or post markers, cross section, obstructions, sediment build-up, substrate, scouring and other attributes. This is a SADES element scheduled to pilot with one community in each planning commission area July 1, 2015.
- **Special Traffic Counts** provide basic traffic information such as volume, vehicle type and direction of travel in a convenient summary report. More complex analysis includes: traffic signal warrant analysis, effective speed enforcement, and travel flow assessments (not SADES).
- **Biking and Walking Stress Mapping** designed to illustrate non-motorized connectivity and index of the user experience (very poor to outstanding!) based on established criteria. The resulting map is instrumental for an objective view in local project planning (not SADES).
- **Master Plan - Transportation Chapter** Your master plan provides the 'road map' for your community's future. Consider teaming with LRPC in determining long-term priority transportation needs (not SADES).