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NEWS RELEASE

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Knoxville Pavement Condition Data Collection and Pavement Management Project Underway

Knoxville, Tennessee – November 8, 2020 The Knoxville Regional Transportation Planning Organization (TPO) is a collaborative group of public agency planning partners that, among other duties, assigns priorities to regional transportation initiatives. Pavement assets are among the most valuable assets each member agency must manage, and condition data for these roads are not collected or managed by other organizations. To assist agencies with the task of managing pavement assets, and to help support performance-based accountable decision making about pavement needs, the Knoxville TPO developed a two-phased project for Pavement Management Services. In the first phase the TPO engaged member agencies to evaluate their needs and desires in this area. Phase 1 culminated in development of implementation plans for each local agency electing to participate. In Phase 2 of the effort, condition data will be collected and pavement management systems will be implemented for each participating agency. These include the cities of Knoxville, Oak Ridge, and Clinton, and Blount County. The City of Maryville also elected to participate in the condition data collection portion of the work and will use that data in their GIS system to plan work needs.

The TPO has contracted with Applied Pavement Technology, Inc. (APTech) to perform the pavement condition assessment and inspection work through the end of the year. Using advanced pavement testing tools, APTech will assess pavement conditions. Agencies will use this data to identify the streets most in need of repairs and develop multi-year maintenance and rehabilitation plans.

“A Pavement Management System provides the ability to better manage pavement condition outcomes with limited resources,” said TPO Director Jeff Welch. “Measuring pavement conditions now will allow local agencies to make more cost-effective maintenance investments on our roadway network in the future.”

“Roadways are one of the most valuable assets a city or county maintains, and APTech is proud to help Knoxville area communities proactively protect them,” said Mark Gardner, Program Director with APTech. “Our team has more than twenty years of experience and thousands of inspected miles under our belts. We use state-of-the-art equipment to safely assess roadway conditions without any impact to the driving public. We look forward to using that equipment and expertise to help Knoxville TPO agencies improve their pavement management and preservation programs and refine their decision-making processes. Our goal is to help our clients provide the best driving conditions possible with the resources available.”

Citizens can expect to see an APTech van equipped with specialized technology traveling Knoxville streets this week and again in December as it collects information about street conditions. APTech’s van will follow all posted traffic signs and display a warning beacon so drivers and pedestrians do not encounter any driving impacts.

The data collection project schedule is subject to change due to timing of other utility projects, weather, special events, and any unforeseen circumstances.



About Applied Pavement Technology, Inc.:

Founded in 1994, Applied Pavement Technology, Inc. (APTech) is a civil engineering company whose primary focus is the design, evaluation, maintenance, and management of pavements. APTech has provided pavement management and pavement condition evaluation services for numerous clients at the local, municipal, state, and federal level. APTech uses state-of-the-art equipment and highly qualified and licensed engineers to meet the needs and work with clients to achieve their goals. For more information, please visit www.appliedpavement.com.

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[Knoxville Regional Transportation Planning Organization](#)

The Knoxville Regional Transportation Planning Organization (TPO) coordinates a comprehensive, multimodal transportation planning process for the Knoxville Urban Area. Member jurisdictions include Knox County and the urbanized areas of Anderson, Blount, Loudon and Sevier Counties and includes the following cities: Alcoa, Clinton, Knoxville, Lenoir City, Loudon, Maryville and Oak Ridge, the Town of Farragut, Tennessee Department of Transportation and East Tennessee Development District. For more information, visit our website: www.knoxtpo.org