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FOR IMMEDIATE RELEASE

City of Peachtree Corners Enlists Infrastructure Management Services to Conduct Citywide Pavement Survey

PEACHTREE CORNERS, GA, October 21, 2022 -- Residents of Peachtree Corners will soon have an accurate and objective assessment of their town's pavement infrastructure. The City is seeking to optimize funds that have been dedicated to infrastructure management. The City contracted with Infrastructure Management Services to conduct the pavement survey.

IMS has over 30 years of experience in the field of pavement management and will be responsible for completing both an objective pavement condition survey, as well as a budget and rehabilitation analysis.

IMS survey vehicles hit the streets in early October using their second-generation Laser Crack Measurement System (LCMS-2). The LCMS-2 is a 3D imaging sensor that collects continuous, uniformly illuminated 3D pavement imagery along with rutting and roughness measurements. 3D imagery facilitates automated crack detection and classification. The system includes:

- 3D imagery – digital line scan cameras
- Uniform laser illumination – day or night
- 1mm longitudinal and transverse resolution
- Class I sensors for longitudinal profile



The LCMS-2 will determine pavement surface distresses including load cracking, block cracking, rutting, raveling, reflective cracking, loss of section, bleeding, edge distress, and patched areas will be collected on a segment-by-segment basis, with each distress being captured by type, extent, and severity along with pavement type. The data and imagery that are collected will be linked to the City's existing GIS data system.



Once the data has been collected, the City will create a work program using a Pavement Condition Index (PCI) that will provide road segment ratings between poor and excellent. The PCI is determined by analyzing the pavement surface distress data provided by the survey. The City will use the PCI data rankings to create an infrastructure work plan that will be based on actual road conditions as they currently exist.

This data-based planning will allow the City to provide an increased level of efficiency and equitability and thus maximize the City's budget for repairs.

The goal of IMS is to provide Peachtree Corners with the best possible data and analysis so that we can make optimal

decisions when managing the infrastructure assets of the City.

About Infrastructure Management Services

IMS LLC is a Professional Services Engineering firm concentrated on pavement management. For over 30 years we have assisted municipalities from across the United States and Canada in creating multi-year infrastructure management plans that utilize data-driven decisions from the most advanced survey technology on the market. For more information on IMS Infrastructure Management Services, visit www.IMSanalysis.com and learn more about the technology and processes used in your city.

About the City of Peachtree Corners

As the heart of what is being called #SiliconOrchard in the metro-Atlanta region, Peachtree Corners is a vibrant municipality that's home to more than 45,000 residents, 45,000 jobs and an innovation hub that houses some of the world's most disruptive technology companies. As the United States' premier smart city powered by real-world connected infrastructure and 5G, Peachtree Corners serves as the model for how government and private industry can better collaborate to create a better future for society and business. From the world's first deployment of teleoperated e-scooters to fully autonomous shuttles being utilized by actual residents, and from a solar roadway to the largest electric vehicle fast-charging hub in the region, Peachtree Corners is where the most future-forward Internet of Things (IoT) and sustainable technologies come to life for the benefit of its citizens, and the world. For more information, visit <http://www.peachtreecornersga.gov>.

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