MARYLAND SHA FIRST TO USE INNOVATIVE 4K BROADCAST QUALITY CAMERA IN FUGRO'S ARAN DATA COLLECTION VEHICLE

The Maryland State Highway Administration (SHA), a leader in the implementation of MAP21 performance measures, has purchased another Automatic Road Analyzer (ARAN 9000) data collection system from Fugro. This is the first ARAN to implement a 4K broadcast quality camera as the primary right-of-way imaging system, providing the clearest views of the highway. This results in fewer field visits, better decisions and will be used to determine the state's road pavement condition. Using the most up-to-date technology available from Fugro, Maryland SHA can accurately and objectively prioritize road maintenance and propose the most cost effective treatment plans to preserve its roads.

Since 1996, Maryland SHA has used Fugro's ARAN field system and software technologies (Vision and Surveyor) to assess its road network. The latest vehicle provides a more accurate assessment of the roads by leveraging data from previous years with the current year to help predict the future condition of its road network. Fugro's ARAN 9000 collects pavement condition and asset data simultaneously. Using this information, Maryland's SHA employees can determine the quality and status of roadways, and associated assets, at a project and network level. John Andrews, Assistant Division Chief for Maryland SHA commented, "This equipment is another step in our continuing effort to provide our engineering team with the best available data to manage our pavement and associated assets. Fugro Roadware has been a significant partner in this progression for over 20 years and we are excited to put this new vehicle to work in 2016".

The ARAN automatically collects and processes data to the on-board system while travelling at posted speeds. Traffic speed surveying aids traffic flow and avoids blocking sections of roads or deploying slow moving vehicles to undertake manual, on-site assessments. The information collected indicates which roads require maintenance, allowing Maryland SHA employees to create appropriate road rehabilitation plans. Pavement and asset data is accessible through Fugro's web application and is shared across the agency, so the most value is derived from the program.

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Photo: Maryland SHA's latest ARAN 9000 automated road data collection system supplied by Fugro.

ABOUT FUGRO

Fugro is the world's leading, independent provider of geo-intelligence and asset integrity solutions for large constructions, infrastructure and natural resources. We collect data on topography, soil composition and environmental conditions, both onshore and offshore. We organize the acquired data and add value through processing, interpretation and visualization. In addition, we provide geo-related design, asset inspection and integrity advice. Our services play a critical role in the entire lifecycle of our clients' construction and infrastructure projects.

Fugro works around the globe, predominantly in energy and infrastructure markets, employing approximately 12,000 employees in around 60 countries. In 2015 Fugro's revenue amounted to around EUR 2.4 billion. Fugro is listed on Euronext Amsterdam.

ABOUT FUGRO ROADWARE

Fugro Roadware has over 45 years of highly specialized experience in infrastructure and pavement management technology and data collection services. Our mission is to provide transportation asset management systems, surveys and advice to maximize the impact of the maintenance and development decisions on the life and value of the asset while ensuring the safety of our employees and the safety of others.