

### 3.4.3 **Mobility and Economy Dashboard: Promoting Maryland SHA's Performance-Based Approach to Safety and Mobility Improvement**

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Maryland's transportation network of more than 31,000 miles of roadway, 5,000 bridges and tunnels, 800 miles of rail lines and public transit systems serve a combined ridership of more than 400 million passengers annually. With the approval of the Transportation Infrastructure Investment Act of 2013, Maryland has an opportunity to make needed safety and mobility improvements. This influx of new funding will allow SHA to significantly upgrade aging highways and bridges throughout the State. SHA uses a performance based approach to provide our customers with a high quality, reliable highway system. With a focus on policies, programs and projects that systematically address both recurring (every day) and non-recurring (weather, collisions, etc.) congestion, SHA continues to preserve and improve the state highway system, while supporting Maryland's economic competitiveness, environmental stewardship and quality of life.

In an effort to increase transparency and explain our performance-based approach, the Maryland State Highway Administration (SHA) partnered with JMT Technology Group and KCI Technologies to develop a Mobility and Economy Dashboard. The Dashboard is a web-based solution that reports annual key mobility performance indicators for Maryland's roadway network as well as SHA's mitigation strategies (policies, programs and projects) that directly improve the State Highway system. The Dashboard utilizes a combination of interactive charts, maps and corridor level impact analyses to illustrate congestion, reliability and traffic volume trends and solutions across the state. The application leverages HTML5, Javascript, and the EMBER MVC framework to facilitate a seamless, device-agnostic user experience across tablets and desktop PCs. The Mobility and Economy Dashboard will be completed early May 2014.