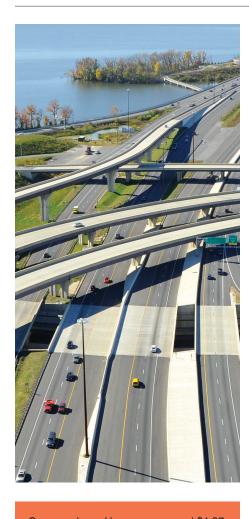




### Larry Hogan, Governor Boyd K. Rutherford, Lt. Governor Pete K. Rahn, MDOT Secretary Greg C. Johnson, P.E., SHA Administrator

# 2015 **Mobility** Report Highlights



# **CONGESTION FACTS IN 2014:**

- In 2014, VMT in Maryland reached 56.4 billion miles. This represents a 0.2% decrease over 2013. About 72% of the VMT occurred on state and toll maintained roadways.
- The total estimated cost of congestion on the Maryland freeways/ expressways in 2014 was \$1.7 billion. This represented an increase of \$22 million over 2013. Motorists traveling on Maryland freeways/ expressways experienced a total annual delay of 39.2 million hours and consumed 18.4 million gallons of extra fuel due to congestion.
- In 2014, on Maryland freeways/expressways, 16% of the AM peak hour VMT and 24% of the PM peak hour VMT was in congested conditions compared to 16% and 22% (AM and PM peak hour respectively) in 2013.
- The most significant locations for congestion in the AM peak are I-495 outer loop west of I-95, I-695 inner loop north of US 1, I-695 outer loop south of MD 26 and I-270 southbound south of Shady Grove Road. In the PM peak, the most congested freeways are I-695 inner loop east of MD 139, I-495 inner loop north of the Clara Barton Parkway, I-270 northbound north of Shady Grove Road and MD 295 northbound north of Powder Mill Road.

Governor Larry Hogan announced \$1.97 billion in funding to upgrade highways and bridges throughout the State over the next six years. Maryland has a renewed commitment to infrastructure investment to ensure safe and reliable travel of people and goods. This influx of new funding allows us to address long-standing highway needs and reduce severe congestion to make Maryland more attractive for economic development. MDOT SHA continues to focus on a performance based approach and implements policies, programs and projects to provide its users with a high quality safe, efficient and reliable highway system.

#### What is MDOT doing to improve Mobility of our highway system?

SHA implements various projects, programs and policies to enhance mobility on its facilities.





Signal Systems





Freight Policies

#### What is the outcome of SHA's Mobility Initiatives?

**Toll Lanes** 

The mobility solutions implemented by SHA projects, programs and policies result in user cost savings for automobile and truck travel. In 2014, annual user savings included:

\$1.26 Bil. +

\$21.0 Mil. +

\$97.4 Mil. =

\$1.378 Bil. **Total Savings** 

CHART

Capital **Improvements**  Signal Systems Multimodal Strategies





## MDOT Programs and Projects in 2014:

- CHART responded to and cleared more than 23,000 incidents and assisted almost 37,000 stranded motorists in 2014. CHART partners to provide 48 full time 24/7 patrols in metropolitan areas (Baltimore, Frederick, Annapolis, and Washington, D.C. area). By effectively managing the roadway incidents, the CHART program implementation resulted in \$1.26 Billion of annual user costs savings in 2014.
- In 2014, SHA retimed signals on 29 systems accounting for over 220 intersections. This resulted in an estimated delay reduction of over 850,000 hours statewide and an annual user cost savings of \$29.6 million dollars.
- Three projects associated with BRAC improvements (MD 175 @ Rockenbach Road/Disney Road, US 40/ MD 715 and US 40/MD 7/MD 159) and the I-695/ MD 144 and I-70/South Street/Monocacy Boulevard Interchanges were completed in 2014. These major projects are projected to result in an annual user cost savings of \$12.7 million. SHA completed three minor congestion relief projects at MD 145/MD 146, MD 197/Power Mill Road and US 50/MD 452/Seahawk Road intersections. These projects result in a \$8.3 million annual cost savings.
- The final section of the Intercounty Connector (ICC)/MD 200 from I-95 to US 1 opened to traffic in November 2014. Traffic usage on the existing section from I-270 to I-95 is increasing with average usage approaching 40,000 vehicles per day on most sections.

- The first express toll lane facility in Maryland opened for operations by MDTA in December 2014. This was along I-95 from I-895 to MD 43. The project has been received very positively with initial volume exceeding 20,000 vehicle per day.
- SHA is developing a Transportation Systems
   Management and Operations (TSM & O) strategic/
   implementation plan for improving travel time
   reliability.
- The expansion of truck parking spaces was completed for the I-95 South Welcome Center in Howard County.
  In addition, ten projects were completed to improve railroad grade crossings statewide.
- The Park and Ride program resulted in \$62.7 Million annual user cost savings to the 7,500 motorists that park at these lots.
- The HOV operations on I-270 corridor resulted in \$4.8 Million in annual user cost savings and saved motorists up to 16 minutes in travel time.
- Eleven (11) miles of new sidewalk were constructed Over 66% of the state signalized intersections have accessible pedestrian signals increasing compliance with the American with Disabilities Act (ADA).
- Over 12 miles of marked bicycle facilities were constructed.
- FHWA's Strategic Highway Research Program has awarded SHA \$2 million in implementation assistance to advance mobility performance management.

#### FOR MORE INFORMATION, PLEASE CONTACT: