



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.



What is the outcome of SHA's Mobility Initiatives?

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.**
 CHART Capital Improvements Signal Systems Multimodal Strategies **Total Savings**



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:

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